

7/1999-2/2000	Protection Honorary Senior Research Fellowship, University of Birmingham
4/2007-present	Expert Adviser, Department of Statistics, Radiation Effects Research Foundation, Hiroshima, Japan.
11/2009-present	Honorary Senior Lecturer (Assistant Professor), Medical Statistics Unit, London School of Hygiene and Tropical Medicine, London, UK.
11/2013	National Institutes of Health Award of Merit (as member of Chernobyl Study Team)
2/2018-2/2021	Adjunct Professor, University of Manchester, UK
9/2018	Conference on Radiation and Health outstanding abstract award (as part of Conference on Radiation and Health/Radiation Research Society Annual meeting, Chicago).
11/2018	National Cancer Institute Directors Award of Merit (for the US Radiologic Technologists Cohort Study Team).
12/2022-present	Adjunct Professor, Oxford Brookes University, Oxford, UK

Professional Memberships

1/1988-present	Fellow of the Royal Statistical Society
1/1994-12/2010	Member of the Association for Radiation Research
1/1997-present	Member of the Society for Radiological Protection
1/2009-present	Chartered Radiological Protection Professional (CRadP), Society for Radiological Protection
1/2011-present	Member of the American Statistical Association
1/2012-present	Member of the Radiation Research Society.

Service on National and International Committees

<u>Years of Service</u>	<u>Title</u>	<u>Group</u>
1992-1995	Joint Scientific Secretary	National Radiological Protection Board Advisory Group on Non-Ionising Radiation
1994-1996	Consultant	Committee on the Medical Aspects of Radiation in the Environment
1995-1996	Member	International Atomic Energy Agency working group on assessment of probabilities of causation
1995-1999	Joint Scientific Secretary	National Radiological Protection Board Advisory Group on Ionising Radiation
1999-2000	Principal Secretary	National Radiological Protection Board Advisory Group on Ionising Radiation
1999-2000	Minutes Secretary	Committee on the Medical Aspects of Radiation in the Environment
3/2000-2003	Consultant	National Radiological Protection Board Advisory Group on Ionising Radiation
11/2003-2004	Consultant	Committee on the Medical Aspects of Radiation in the Environment

1/2005-8/2008	Lead consultant writing Cancer Epidemiology Document	United Nations Scientific Committee on the Effects of Atomic Radiation
3/2005-4/2021	Member	Health Protection Agency Advisory Group on Ionising Radiation [and Tritium internal dosimetry (since 3/2005), Solid cancer risk (since 1/2007) and Circulatory disease (since 2/2008) subgroups]
9/2005-1/2009	Member	Health and Safety Executive Project Management Group for the 3 rd Analysis of the UK National Registry for Radiation Workers
4/2008-present	Member	Tritium Risk International Collaborative Study Working Group
6/2009	Member	International Agency for Research on Cancer Working Group preparing Monograph 100D (Radiation)
2/2012-11/2015	Member	National Council on Radiation Protection and Measurements (NCRP) Scientific Committee SC 1-21 “Multiplatform National Approach for Providing Guidance on Integrating Basic Science and Epidemiological Studies on Low-Dose Radiation Biological and Health Effects”
10/2012-9/2013	Member	Radiation Research Society 59 th Annual meeting (15-19 September 2013) Program Committee
4/2016-	Member of Council and Program Area Committee 1 (PAC1)	National Council on Radiation Protection and Measurements (NCRP).
10/2016-	Full Member	International Commission on Radiological Protection Task Group 91 (TG-91) “Radiation Risk Inference at Low-dose and Low-dose Rate Exposure for Radiological Protection Purposes”
9/2017-7/2020	Member	National Council on Radiation Protection and Measurements (NCRP) Scientific Committee SC 1-26 “Approaches for Integrating Radiation Biology and Epidemiology for Enhancing Low Dose Risk Assessment”
12/2019-	Member	UNSCEAR Expert Group on Epidemiological Studies of Radiation & Cancer
6/2020-	Member	International Scientific Advisory Board to MRC Centre for Environment and Health, NIHR HPRU in Environmental Exposures and Health, NIHR HPRU in Chemical and Radiation Threats and Hazards
9/2020-10/2021	Member	Radiation Research Society 67 th Annual meeting (3-6 October 2021) Program Committee.
5/2021-	Full Member	International Commission on Radiological Protection Task Group 119 “Effects of Ionising Radiation on Diseases of the Circulatory System and their Consideration in the System of Radiological Protection”
3/2022-4/2022	Member	Radiation Research Society 68 th Annual meeting (15-19 October 2022) Program Committee.

5/2022-3/2023	Member	National Council on Radiation Protection and Measurements (NCRP) 2023 Annual Meeting Program Committee
6/2022-6/2024	Member	National Council on Radiation Protection and Measurements (NCRP) Scientific Committee SC 1-28 “Recommendations on Statistical Approaches to Account for Dose Uncertainties in Radiation Epidemiologic Risk Models”
10/2022-	Member	International Commission on Radiological Protection Task Group 122 “Update of Detriment Calculation for Cancer”
3/2024-	Member	Division of Cancer Epidemiology and Genetics Health Equity Task Force
4/2024-	Member	Environmental Protection Agency Radionuclide Cancer Risk Coefficient Review Panel
8/2024-	Member	Constitution and Bylaws committee of the Radiation Research Society
10/2024-	Member	Committee on the Medical Aspects of Radiation in the Environment (COMARE)
12/2024-	Member	Membership committee of the Radiation Research Society
7/2025-	Member	Committee 1 (Radiation Effects) of International Commission on Radiological Protection
7/2025-	Member	International Commission on Radiological Protection Task Group 123 “Classification of Harmful Radiation-induced Effects on Human Health for Radiological Protection Purposes”
10/2025-	Member	International Commission on Radiological Protection Task Group 118 “Relative Biological Effectiveness (RBE), Quality Factor (Q), and Radiation Weighting Factor (wR)”

Division of Cancer Epidemiology and Genetics/National Cancer Institute Service

10/2010-6/2025	Radiation Epidemiology Branch Strategic Planning Committee.
12/2010-6/2025	US working group, Ukraine-US Working Group for the Ukraine-US Thyroid Screening Study.
12/2011-12/2012	Division of Cancer Epidemiology and Genetics Technical Evaluation of Protocols Committee.
12/2012-12/2015	Division of Cancer Epidemiology and Genetics IMS oversight committee.
3-4/2012	Training course “Introductory statistics lectures” (comprising “An introduction to linear models” “Linear models: model checking”, “Linear model building”, “An introduction to binary and categorical data”, “Generalized linear models (GLMs)”)
4/2015	Training course “Survival analysis” (part of “R for Epidemiologists” course)
9/2018-12/2021	Training course “Elements of statistical learning”

5/2019-6/2023 (course of 7 one-hour lectures)
Division of Cancer Epidemiology and Genetics
Committee of Scientists.
5/2023-present Training course “Elements of statistical learning”
(so far course of 6 one-hour lectures)

Academic Journals - *Member of Editorial Board*

Radiation and Environmental Biophysics (2004-present)
Journal of Geriatric Cardiology (2010-present)
Frontiers in Epidemiology (2012-present)
Cardio-Oncology (2015-present)
Scientific Reports (2019-present)
Life (2021-present)

Academic Journals - *Associate Editor*

Journal of the Royal Statistical Society Series A (2004-2008)

Academic Journals - *Reviewer*

American Journal of Epidemiology
Annals of Internal Medicine [JAMA Internal Medicine]
Annals of Oncology
Biology Direct
Biometrics
Biometrika
BMC Public Health
British Journal of Cancer
British Medical Journal
Bulletin of Mathematical Biology
Cancer Epidemiology, Biomarkers and Prevention
Circulation
Environmental Health
Environmental Health Perspectives
Environmental Research
Environmental and Molecular Mutagenesis
Epidemiology
Health Physics
Heart
International Journal of Biostatistics
International Journal of Cancer
International Journal of Radiation Biology
International Journal of Radiation Oncology, Biology, Physics
Journal of Exposure Science and Environmental Epidemiology
Journal of Radiological Protection
Journal of the National Cancer Institute
Journal of the Royal Statistical Society (Series A, B)
Journal of Theoretical Biology
Life Sciences in Space Research
Mathematical Models and Methods in Applied Sciences

Nature
 Nature Reviews Cancer
 Nature Reviews Cardiology
 Occupational and Environmental Medicine
 PLoS Computational Biology
 PLoS ONE
 Proceedings of the National Academy of Sciences, USA
 Quarterly Review of Biology
 Radiation and Environmental Biophysics
 Radiation Protection Dosimetry
 Radiation Research
 Radiotherapy and Oncology
 Risk Analysis
 Science
 Scientific Reports
 Statistics in Medicine
 The Lancet
 The Lancet Oncology
 The Lancet EClinMed
 Wellcome Open Research

Invited presentations

<u>Date</u>	<u>Talk Title</u>	<u>Location</u>	<u>Sponsor</u>
4/1992	Risks of radiation-induced cancer at high doses and dose rates	St Catharine's College, Oxford, UK	UK Society for Radiological Protection
11/1994	Variation of the relative risk of cancer with time and age	German Federal Office for Radiation Protection, Neuherberg, Munich, Germany	German Federal Office for Radiation Protection
10/1995	Mechanistic modeling of radiation-induced cancer	Houston, Texas, USA	William and Victoria Schull Institute
10/1995	Epidemiological follow-up of Japanese atomic bomb survivors	Commonwealth Institute, London, UK	UK Society for Radiological Protection
4/1996	Current status of follow up of the Japanese survivors of A-bombs	University of Birmingham, Birmingham, UK	UK Association for Radiation Research
2/1998	Radiation-induced skin cancer in human populations	Schloss Reisenburg, Günzburg, Germany	European Late Effects Project Group
2/2001	Risks of cancer incidence and mortality following radiation therapy for benign and malignant diseases	Schloss Reisenburg, Günzburg, Germany	European Late Effects Project Group
3/2003	Bystander effects models fitted to lung cancer in miners and in domestically exposed groups	St Catharine's College, Oxford, UK	UK Association for Radiation Research

8/2003	Stochastic carcinogenesis models allowing for genomic instability fitted to SEER colon cancer data, and comparisons with patterns of risk in Japanese A-bomb survivor colon cancer data	Brisbane, Australia	12 th International Congress for Radiation Research
12/2003	Incidence of blindness during the entire duration of the Onchocerciasis Control Programme in West Africa: 1974 - 2002	London, UK	Wellcome Trust Centre for Clinical Tropical Medicine
2/2004	Stochastic models of the bystander effect and of transmissible genomic instability: implications for mechanisms and low dose risks	Neuherberg, Munich, Germany	German National Research Center for Environment and Health
5/2004	Bayesian modelling of exposure measurement error applied to errors in dose estimates in the Japanese atomic bomb survivors data	London, UK	Medical Statistics Unit, London School of Hygiene and Tropical Medicine, London
6/2004	Stochastic models of the bystander effect	Radiation Effects Research Foundation, Hiroshima, Japan	Radiation Effects Research Foundation, Japan
2/2005	Mathematical modelling of the radiation-induced bystander effect and transmissible genomic instability applied to cancer	Finnish Radiation and Nuclear Safety Authority (STUK), Finland.	European Commission
8/2006	Implications for non-cancer pathologies	Heriot Watt University, Edinburgh, UK	European Commission
9/2006	New models for evaluation of the radiation-induced lifetime cancer risk	Luxembourg	Article 31 Group, European Commission
10/2006	New models for evaluation of the radiation-induced lifetime cancer risk	Luxembourg	Article 31 Group, European Commission
1/2007	Semi-mechanistic cancer models and predicted dose and dose-rate effects, with application to the Japanese atomic bomb survivors and to the Colorado Plateau uranium miners	Tokyo, Japan	Radiation Effects Research Foundation, Japan
1/2007	RERF studies of cancer and non-cancer disease: the future?	Japan Epidemiological Association, Hiroshima, Japan	Radiation Effects Research Foundation, Japan
1/2007	Semi-mechanistic cancer models and predicted dose and dose-rate effects, with application to the Japanese atomic bomb survivors and to the Colorado Plateau uranium miners	Radiation Effects Research Foundation, Hiroshima, Japan	Radiation Effects Research Foundation, Japan

2/2007	Modelling non-targeted radiation effects, with particular application to cancer and cardiovascular disease	German National Research Center for Environment and Health, Neuherberg, Munich, Germany	German National Research Center for Environment and Health
9/2007	Bayesian methods	Lyon, France	International Agency for Research on Cancer, France
1/2008	Subclinical measures of cardiovascular disease and epidemiological and biological evidence for low dose (<5 Sv) risk	Radiation Effects Research Foundation, Hiroshima, Japan	Radiation Effects Research Foundation, Japan
1/2008	Modelling cancer and cardiovascular disease: incorporating biology into risk models	Washington DC, USA.	European Commission
3/2008	Modeling cardiovascular disease in NOTE	Munich, Germany	European Commission
5/2008	Childhood leukaemia in the Japanese atomic bomb survivors and in radiotherapeutically exposed groups	Berlin, Germany	German Federal Office for Radiation Protection
6/2008	Cancer and Non-Cancer Effects in Japanese Bomb Survivors	Royal College of Physicians, Edinburgh, UK	LH Gray Memorial Trust
6/2008	Cancer and non-cancer effects in the Japanese atomic bomb survivors	University of Cumbria, Ambleside, Cumbria, UK	Cumbrians Opposed to a Radioactive Environment
6/2008	Medical and Diagnostic Radiation Exposures (discussant)	Vail, Colorado, USA	American Statistical Association (ASA)
9/2008	Do non-targeted effects increase or decrease low dose risk in relation to the linear-non-threshold (LNT) model	Galway, Ireland	European Commission
11/2008	Epidemiological evidence for circulatory diseases – non-occupational exposures (with R Wakeford)	Luxembourg	European Commission
1/2009	Modelling and bioinformatics (Session chair)	Rovaniemi, Finland	European Commission
2/2009	Non-cancer effects	Birmingham, UK	British Nuclear Energy Society
5/2009	Review of epidemiological associations between low/moderate doses of ionizing radiation and circulatory disease risks, and their possible mechanisms	Georgetown, Washington DC, USA	US National Cancer Institute/ NIAID/ Helmholtz Center Munich

10/2009	Non-cancerous (in particular cardiovascular) effects at low radiation doses	Stockholm, Sweden	Royal Swedish Academy of Sciences
11/2009	Modelling cancer and cardiovascular disease: an insight into mechanism	Dundee, UK	University of Dundee, UK
12/2009	Cardiovascular disease and radiation – epidemiological evidence and mechanisms at high and low doses	Helsinki, Finland	Finnish Radiation and Nuclear Safety Authority, Finland
1/2010	Cardiovascular effects at low radiation doses: epidemiological evidence and schematic model of molecular processes	CREAL, Barcelona, Spain	European Commission
1/2010	Assessing the relative contribution of targeted, non-targeted and systemic processes to radiation carcinogenesis	CREAL, Barcelona, Spain	European Commission
1/2010	Potential modelling	CREAL, Barcelona, Spain	European Commission
3/2010	The latest on radiation and long-term cardiovascular risk	Atlanta, Georgia, USA	Vascular Biology Working Group, American College of Cardiology
5/2010	Cardiovascular disease and radiation: a summary of what we know from the low-dose epidemiology and radiobiology	Port Jefferson, Long Island, NY, USA	National Aeronautics and Space Administration
5/2010	Cardiovascular disease and radiation: what we know from the low-dose epidemiology and radiobiology	New York University, NY, USA	European Commission
6/2010	Extrapolation from high to low doses - do non-targeted effects imply deviations from linearity?	Helsinki, Finland	Third European IRPA Congress
6/2010	A plausible radiobiological model of cardiovascular disease at low or fractionated doses	Helsinki, Finland	Third European IRPA Congress
6/2010	Cardiovascular disease and radiation – review and meta-analysis of epidemiological evidence at low doses	Helsinki, Finland	Third European IRPA Congress
6/2010	Modelling atherogenesis	Imperial College, London, UK	British Heart Foundation
7/2010	Childhood leukaemia induction: knowledge and gaps in radiation epidemiology and modeling	Schloss Hohenkammer, Germany	German Federal Office for Radiation Protection
9/2010	Do non-targeted effects modify low dose	Stockholm, Sweden	European Radiation

	cancer and cardiovascular disease risk?		Research Society
10/2010	The epidemiology and radiobiology of cardiovascular disease	Cité Internationale Universitaire, Paris, France	European Commission
12/2010	Biological assumptions made in modeling of cardiovascular disease after radiation exposure	Le Fief des Epoisses, Bombon, France	European Commission
3/2011	Cardiovascular effects of charged particle irradiation	Bethesda, MD, USA	National Council on Radiation Protection and Measurements (NCRP)
4/2011	Modelling genomic instability in colon cancer	Helmholtz Center, Neuherberg, Germany	European Commission
5/2011	Complex statistical approaches and uncertainties: modeling dose error	Bethesda, MD, USA	National Cancer Institute
6/2011	Multi-stage modeling and integration of lung cancer risk	National Cancer Institute, Rockville, MD, USA	National Aeronautics and Space Administration (NASA) & National Cancer Institute
7/2011	Bone marrow repopulation and migration of transformed stem cells	L'Academie Royale des Sciences, des Lettres et des Beaux Arts de Belgique, Brussels, Belgium	European Commission
7/2011	Dose measurement error and the (radio)biology of cancer – implications for risk evaluation at high and low doses	Radiation Epidemiology Branch, National Cancer Institute, Rockville, USA	National Cancer Institute
8/2011	Circulatory disease from exposure to low-level ionizing radiation and estimates of potential population risks: a meta-analysis of epidemiological studies	Warsaw, Poland	14 th International Congress for Radiation Research
10/2011	Results of epidemiological studies on vascular diseases and ionizing radiation in the low dose range	German Federal Office for Radiation Protection, Neuherberg, Germany	European Commission
10/2011	Epidemiology of non-cancer effects at moderate and low doses	Rockville, MD, USA	International Commission on Radiological Protection
1/2012	Dose uncertainties in the UkrAm cohort and thyroid cancer risk	Seville, Spain	European Commission
5/2012	Non-cancer effects, especially circulatory diseases	Glasgow, UK	International Radiation Protection Association (IRPA)

6/2012	Uncertainty in modeling the risk of thyroid cancer after Chernobyl	Kennebunkport, ME, USA	American Statistical Association (ASA)
9-10/2012	Radiation-related risks of circulatory diseases from exposures to low-level ionizing radiation in occupationally-exposed workers	San Juan, Puerto Rico, USA	Radiation Research Society
11/2012	Paediatric leukaemia risks from computerised tomography (CT) exposures and background doses of ionising radiation	Oxford Brookes University, Oxford, UK	Oxford Brookes University
12/2012	Natural background radiation and the incidence of childhood leukemia and other cancers in Great Britain	National Academy of Sciences, Washington DC, USA	Nuclear and Radiation Studies Board
2/2013	Modeling covariate error: statistical approaches and uncertainties	National Cancer Institute, Rockville, MD, USA	Division of Cancer Epidemiology and Genetics Working Group on Covariate Measurement Error
4/2013	Multistage models fitted to various datasets of cancer incidence	Herrsching am Ammersee, Munich, Germany	European Union/EPIRADBIO
4/2013	Mathematical models of (radiation-induced) cardiovascular disease	Herrsching am Ammersee, Munich, Germany	European Union/EPIRADBIO
6/2013	Radiation dose measurement error models - a comparison of Bayesian, Monte Carlo maximum likelihood and regression calibration approaches, with applications to the Japanese A-bomb data, Chernobyl thyroid cancers, and chromosome aberrations in the US Radiologic Technologists	National Cancer Institute, Bethesda, MD, USA	Division of Cancer Epidemiology and Genetics Working Group on Covariate Measurement Error
11/2013	Second primary cancers in adults after radiotherapy – an epidemiological review	Luxembourg	European Commission
11/2014	What's new and what is coming – other diseases. Circulatory disease	Washington, DC	National Academy of Sciences
5/2015	Risk assessment in radiation epidemiology I	Bethesda, MD, USA	National Cancer Institute
5/2015	Risk assessment in radiation epidemiology II	Bethesda, MD, USA	National Cancer Institute
8/2015	Application of measurement error techniques to radiation epidemiology	Seattle, WA, USA	American Statistical Association (ASA)
11/2015	Low-dose and low-dose-rate epidemiology of cancer and non-cancer effects	Yukawa Institute for Theoretical Physics, Kyoto University, Kyoto, Japan	Yukawa Institute for Theoretical Physics

2/2016	Non-cancer effects in the Japanese atomic bomb survivors and in non-Chernobyl groups given a single acute dose	FDA White Oak campus, Silver Spring, MD, USA	US Food and Drug Administration (FDA)
8/2016	Spatial Prediction of Naturally Occurring Indoor Gamma Radiation Dose Rates in Great Britain	McCormick Place Conference Center, Chicago, IL, USA	American Statistical Association (ASA)
10/2016	Epidemiological studies of medical and occupational ionizing radiation exposures, and comparisons with the Japanese atomic bomb survivors	Hilton Waikoloa Village, Kona, HI, USA	Radiation Research Society
1/2017	Cardiovascular effects at moderate and low ionizing radiation doses, and effects of high LET radiation exposure	Galveston Island Convention Center, Galveston, TX, USA	National Aeronautics and Space Administration (NASA)
7/2017-8/2017	Very high energy particle-beam and gamma radiation exposure and familial relatedness in mice	Conference Center, Baltimore, MD, USA	American Statistical Association (ASA)
10/2017	Evidence for dose and dose-rate effects in human and animal radiation studies	Newport Bay-Club Hotel, Paris, France	International Commission on Radiological Protection
10/2017	Circulatory disease associated with low and moderate ionizing radiation exposure – a summary of the epidemiological evidence	Hotel Grand Fiesta Americana Coral Beach, Cancun, Mexico	Radiation Research Society
6/2018	Methodological challenges of epidemiological research on the effects of natural background radiation	Institute of Social and Preventive Medicine, University of Bern, Bern, Switzerland	Institute of Social and Preventive Medicine, University of Bern
7/2018-8/2018	Leukemia and myeloid malignancy among cohorts of persons exposed to low dose (<100 mSv) of ionizing radiation in childhood	Vancouver Convention Center, Vancouver, BC, Canada	American Statistical Association (ASA)
8/2018	Leukaemia and myeloid malignancy associated with low dose radiation in childhood	Cancer Epidemiology Unit, Oxford, UK	Cancer Epidemiology Unit, University of Oxford, UK
9/2018	Leukemia and myeloid malignancies among nine prospectively analyzed cohorts of persons exposed to low doses (<100 mSv) of ionizing radiation in childhood	Hilton Chicago, Chicago, IL, USA	Radiation Research Society/Conference on Radiation and Health
4/2019	Low dose radiation and circulatory diseases	Hyatt Regency Hotel, Bethesda, MD, USA	National Council on Radiation Protection and Measurements
4/2019	Meta-analysis of risk of circulatory disease in radiation-exposed cohorts	Hotel Port Sitges, Sitges, Spain	European Union MELODI and CONCERT programs

7/2019-8/2019	Occupational radiation exposure in US radiologic technologists and absolute risk of cataract incidence assessed using a generalized additive model	Colorado Convention Center, Denver, CO, USA	American Statistical Association (ASA)
8/2019	Bayesian dosimetric error models fitted to Japanese A-Bomb Life Span Study mortality data and predicted population cancer and non-cancer risk	Manchester Central Convention Centre, Manchester, UK	16 th International Congress for Radiation Research
9/2019	Potential for cancer and non-cancer risks among space workers	NCI, Bethesda, MD, USA	National Cancer Institute Radiation Epidemiology & Dosimetry Course
11/2019	Use of machine learning methods for dosimetry in UK natural background study	Viva Vita, Freising, Munich, Germany	6 th international workshop on the causes of childhood leukemia
12/2019	Work involved in UNSCEAR 2006 Cancer epidemiology report	NCI, Bethesda, MD, USA	UNSCEAR Expert Group meeting on Epidemiological Studies of Radiation & Cancer
8/2020	Effect of errors in occupational radiation dose on cataract and chromosome aberrations in a cohort of US radiologic technologists	Online [to have been Philadelphia, PA, USA]	American Statistical Association (ASA)
10/2020	Low- and moderate-dose non-cancer effects of ionizing radiation, especially circulatory and ocular diseases: a review of the epidemiology and radiobiology	Online [to have been Hilton Waikoloa Village, Kona, HI, USA]	Radiation Research Society
10/2020	NCRP Report 186 'Approaches for integrating information from radiation biology and epidemiology to enhance low-dose health risk assessment' – from a modeling viewpoint	Online [to have been Hilton Waikoloa Village, Kona, HI, USA]	Radiation Research Society
10/2021	Pneumonia after viral or bacterial infection followed (or preceded) by radiation exposure – re-analysis of older radiobiological data and implications for low-dose radiotherapy for COVID-19 pneumonia	Online [to have been in San Juan Puerto Rico]	Radiation Research Society
10/2021	Cardiovascular Effects at Low Doses of Radiation: Perspectives from Epidemiology	5 th Gilbert W Beebe Webinar	National Academy of Sciences
10/2022	Being the best manuscript reviewer/review responder	Hilton Waikoloa Village, Kona, HI, USA	Radiation Research Society, Scholars In Training workshop
10/2022	Leukemia, lymphoma and multiple	Hilton Waikoloa Village,	Radiation Research

	myeloma in cohorts of persons exposed at a young age	Kona, HI, USA	Society
11/2022	Is low-dose radiation harmful?	Richard Doll building, Nuffield Department of Population Health, Oxford, UK	Nuffield Department of Population Health, University of Oxford
2/2023	Discussant: Federal Roundtable on Potential Health Effects Among Individuals Residing Near Nuclear Power Plants	Bethesda, MD, USA	National Academy of Sciences
5/2023	Ionising radiation and cardiovascular disease: a systematic review and meta- analysis	Online symposium	MELODI/ ICRP/ UNSCEAR
8/2023	Effects of stopping criterion on the growth of trees in regression random forests with application to cancer epidemiology	Toronto, Ontario, Canada	American Statistical Association (ASA)
8/2023	An overview of non-cancer effects after radiation exposure, with emphasis on cardiovascular disease, cataract and the central nervous system	Montreal, Quebec, Canada	16 th International Congress for Radiation Research
11/2023	Association between solar ultraviolet radiation and childhood cancer	Richard Doll building, Nuffield Department of Population Health, Oxford, UK	Nuffield Department of Population Health, University of Oxford
5/2024	Analysis of dose response curvature in human incidence and mortality data	International Atomic Energy Agency, Vienna International Centre, Vienna, Austria	International Commission on Radiological Protection
6/2024	A new method of adjusting for correlated dose errors, or where there may be substantial curvature in dose response, and comparison with other methods of dose error correction	NCI, MD, USA	Bioinformatics Virtual Core Exchange/Journal Club
8/2024	A new method of regression calibration - comparison with other methods of correcting covariate error	Portland, OR, USA	American Statistical Association (ASA)
9/2024	Machine learning techniques as a means of improving dosimetry in studies of indoor gamma-ray dose rates – strengths, weaknesses and implications for epidemiology	Westin La Paloma, Tucson, AZ, USA	Radiation Research Society
4/2025	Machine learning and measurement error models	National Cancer Institute, Bethesda, MD, USA	Division of Cancer Epidemiology and Genetics
8/2025	Two methods of Bayesian model	Nashville, TN, USA	American Statistical

	averaging (2D Monte Carlo type) to assess effects of covariate errors		Association (ASA)
9/2025	A new method of regression calibration - comparison with 2D Monte Carlo (with Bayesian model averaging) and other methods of correcting covariate error	IARC, Lyon, France	2 nd ISoRED International Conference
11/2025	Non-cancer effects of ionizing radiation in directly exposed individuals, especially circulatory and ocular diseases	Algonquin College, Ottawa, Canada	International Workshop on “Advances in Radiation Biology, Radioecology, Epidemiology, and Low-Dose Radiation Risk Modeling and Communication”
11/2025	Panel discussion - Defining Research Priorities for Emerging Needs	Algonquin College, Ottawa, Canada	International Workshop on “Advances in Radiation Biology, Radioecology, Epidemiology, and Low-Dose Radiation Risk Modeling and Communication”
2/2026	Evidence for RBE from epidemiologic data	Online	ICRP Task Group 118
3/2026	An overview of current knowledge on radiation-induced cardiovascular and circulatory diseases	Austria Centre Vienna, Vienna, Austria.	European Congress of Radiology

Funded Grants

<u>Years</u>	<u>Role</u>	<u>Funding body</u>	<u>Name of grant</u>	<u>Amount of grant</u>
1/1996-6/1999	Principal investigator	European Commission	Biophysical models for the induction of cancer by radiation (FI4P-CT95-0011)	21,000 Ecu
1/1996-6/1999	Principal investigator	European Commission	Modelling the risk of radiation induced cancer on the basis of epidemiological studies (FI4P-CT95-0009)	240,000 Ecu
1/2001-12/2003	Principal investigator	European Commission	Resolution of the Hiroshima neutron discrepancy and the impact of dosimetric uncertainties (NDISC) (FIGD-CT-2000-0079)	€192,780 (£109,678)
5/2002-4/2003	Principal investigator	Save the Baby	Anaemia and pregnancy outcome	£15,059
1/2003-12/2018	Principal investigator	UK Home Office	Airwave health monitoring study	£7,353,432
4/2003-3/2005	Principal investigator	UK Department of Health	Case control study of cancer incidence in early childhood and proximity to	£279,293

		MTHR program	mobile phone base stations	
12/2003-7/2004	Principal investigator	UK Department of Health	Comparison of solid cancer and leukaemia mortality risks in the Japanese atomic bomb survivors with those in the Techa River cohort, in Sellafield plutonium workers and in Mayak workers	£7,500
1/2004-10/2008	Principal investigator	European Commission	Quantification of risks associated with low and protracted exposure (RISC-RAD) (FI6R-CT-2003-508842)	€108,000 (≈£72,000)
6/2005-5/2008	Principal investigator	European Commission	Radiation exposures at an early age: impact of genotype on breast cancer risk (GENE-RAD-RISK) (FI6R 012926)	€90,100 (≈£61,000)
11/2005-10/2008	Principal investigator	European Commission	Two extensions, via internal call, to EU project “Quantification of risks associated with low and protracted exposure” (RISC-RAD) (FI6R-CT-2003-508842)	€47,000 + €23,000 (≈£46,600)
8/2006-10/2006	Principal investigator	British Nuclear Group Sellafield	Inter-Comparison Study between BEIR VII and the Compensation scheme schedules	£23,100
9/2006-12/2010	Principal investigator	European Commission	Non-targeted effects of ionising radiation (NOTE) (FP6-036465)	€133,390 (≈£90,700)
12/2006-2/2010	Principal investigator	European Commission	Defining the genetic component of thyroid cancer risk at low doses (GENRISK-T)	€158,920 (≈£108,040)
9/2008-12/2010	Principal investigator	European Commission	Extension, via internal call, to EU project “Non-targeted effects of ionising radiation” (NOTE) (Mathematical modelling of bystander effects in 3D human tissue models (TISSUEMOD))	€110,355 (≈£98,100)
1/2011-12/2014	Affiliated investigator	European Commission	“Combining epidemiology and radiobiology to assess cancer risks in the breast, lung, thyroid and digestive tract after exposures to ionizing radiation with total doses in the order of 100 mSv or below” (EpiRadBio) (PI Dr Peter Jacob)	NA
12/2014-12/2018	Affiliated investigator	NASA NSBRI	“Determination of risk for and occurrence of heart disease from space radiation” (PI Dr John Baker)	NA
6/2016-6/2021	Affiliated investigator	NIH	“Canadian Fluoroscopy Cohort Study: Lifespan Mortality and Incidence Follow-Up” (PI Dr Lydia Zablotska)	NA

Mentoring

PhD supervision

<u>Name</u>	<u>Status</u>	<u>Years supervised</u>	<u>Manuscripts overseen</u>	<u>Current position</u>
NIH				
Dr Terrence Lee	Pre-doctoral fellow, Ph.D. student at Johns-Hopkins Bloomberg School of Public Health	9/2011-6/2014	See peer-reviewed papers #139, 140, 152, 154, 213, 238	Senior Managing Epidemiologist, Armed Forces Health Surveillance, Public Health Division, Defense Health Agency
National Radiological Protection Board				
Dr James Carpenter	Pre-doctoral fellow, Ph.D. student at Department of Statistics, University of Oxford	1992-1996	None	Professor, London School of Hygiene and Tropical Medicine
Imperial College, London				
Mrs Swatee Patel	Pre-doctoral fellow, Ph.D. student at Department of Epidemiology and Biostatistics, Imperial College London	9/2001-3/2010	See peer-reviewed papers #83, 93, 119	Principal Lecturer, Department of Mathematical Sciences, University of Greenwich, UK
Dr Pauline Paterson (née Brocard)	Pre-doctoral fellow, Ph.D. student at Department of Epidemiology and Biostatistics, Imperial College London	9/2001-5/2005	See peer-reviewed paper #76	Associate Professor, London School of Hygiene and Tropical Medicine, UK
Dr Guangquan Li	Pre- and post-doctoral fellow and Ph.D. student at Department of Epidemiology and Biostatistics, Imperial College London	10/2004-5/2008	See peer-reviewed papers #82, 92, 103, 104, 115 +item #4 in book chapters	Senior Lecturer (Assistant Professor), Department of Mathematics, Physics, and Electrical Engineering, Northumbria University, UK
Dr Ernest Turro	Pre-doctoral fellow, Ph.D. student at Department of Epidemiology and Biostatistics, Imperial College London	4/2007-7/2008	None	Associate Professor, Mount Sinai Hospital, New York, NT, USA
Dr Anna Gola	Pre-doctoral fellow, Ph.D. student at Department of Epidemiology and Biostatistics, Imperial College London	10/2007-8/2012	See peer-reviewed papers #98, 102, 112	Honorary Research Associate, Division of Psychiatry, Faculty of Brain Sciences, University College London

Dr Timothy Mak	Pre-doctoral fellow, Ph.D. student at Department of Epidemiology and Biostatistics, Imperial College London	6/2009-5/2010	None	Postdoctoral fellow, Centre for Genomic Sciences, University of Hong Kong
Dr Beatriz Valcarcel	Pre-doctoral fellow, Ph.D. student at Department of Epidemiology and Biostatistics, Imperial College London	10/2009-3/2010	None	Research Associate in Rheumatology Unit, Institute of Child Health, University College London, London, UK

Post-doctoral supervision

<u>Name</u>	<u>Status</u>	<u>Years supervised</u>	<u>Manuscripts overseen</u>	<u>Current position</u>
NIH				
Dr Konstantin Chizhov	Post-doctoral fellow, Radiation Epidemiology Branch	12/2019-12/2021	239, 243, 250, 254, 258	Researcher at State Research Center - Federal Medical Biophysical Center, Russia
Dr Aryana Arsham	Post-doctoral fellow, Radiation Epidemiology Branch	9/2019-9/2021	235, 253, 262, 279	Endowed Assistant Professor of Data Science, Goucher College
Dr Thanh (Van) Tran	Post-doctoral fellow, Radiation Epidemiology Branch	8/2015-11/2016	See peer-reviewed papers #175, 184	Center for Drug Evaluation and Research, Food and Drug Administration
Dr Pavel Chernyavskiy	Post-doctoral fellow, Radiation Epidemiology Branch	7/2015-6/2018	See peer-reviewed papers #167, 181, 188, 200, 205, 206, 224, 272, 279, 287	Assistant Professor, University of Virginia
Dr Hyeyeun Lim	Post-doctoral fellow, Radiation Epidemiology Branch	1/2015-2/2017	See peer-reviewed papers #189	Researcher, Environmental Health Center, Asan Medical Center, South Korea
Dr Terrence Lee	Post-doctoral fellow, Radiation Epidemiology Branch	6/2014-11/2015	See peer-reviewed papers #139, 140, 152, 154, 213, 238	Senior Managing Epidemiologist, General Dynamics Information Technology, Armed Forces Health Surveillance Center
Dr Jason Liu	Post-doctoral fellow, Radiation Epidemiology Branch	7/2012-7/2015	See peer-reviewed papers #140, 152, 168, 207, 281	Assistant Professor, Institute of Public Health, National Yangming University, Taiwan

Dr Deukwoo Kwon	Post-doctoral fellow, Radiation Epidemiology Branch	6/2010- 9/2011	See peer- reviewed papers #114, 133, 139, 141, 148	Associate Professor, McGovern Medical School, University of Texas Health Sciences Center, TX, USA
Dr Chu-Ling Yu	Post-doctoral fellow, Radiation Epidemiology Branch	6/2010- 8/2011	See peer- reviewed papers #116, 148, 150 + letter #26	Kaiser Permanente, Rockville, MD, USA
Imperial College, London				
Dr James Bennett	Post-doctoral fellow at Department of Epidemiology and Biostatistics, Imperial College London	9/2001- 3/2010	See peer- reviewed paper #74	Post-doctoral fellow at Department of Epidemiology and Biostatistics, Imperial College London, UK
Dr David Morris	Post-doctoral fellow at Department of Epidemiology and Biostatistics, Imperial College London	10/2006- 9/2007	None	Non-clinical lecturer, Kings College London, UK
Dr Jonathan Myles	Post-doctoral fellow at Department of Epidemiology and Biostatistics, Imperial College London	2/2009- 2/2010	None	Research Fellow, Centre for Statistics, Queen Mary, University of London
Dr Wendy Vandoolaeghe	Post-doctoral fellow at Department of Epidemiology and Biostatistics, Imperial College London	6/2009- 12/2010	See peer- reviewed paper #102, 120 + letter #29	Remetrica Analytics at Aon Benfield Analytics, UK

MSc and lower level supervision

<u>Name</u>	<u>Status</u>	<u>Years supervised</u>	<u>Manuscripts overseen</u>	<u>Current position</u>
NIH				
Mr Ankur Patel	NCI PostBac fellow	11/2018- 7/2020	See peer- reviewed papers #220, 246	Biostatistician, Department of Epidemiology, School of Public Health, Johns Hopkins University, Baltimore
Ms Michelle Fang	NCI Summer Intern and Special Volunteer	6/2017- 9/2018	See peer- reviewed papers #201, 207, 272, 287	Medical Student, Cleveland Clinic Lerner College of Medicine (class of 2027)
Mr Wayne Liu	NCI intern	6/2015- 6/2016	See peer- reviewed paper #182	Senior data scientist at United Parcel Service

Ms Ann Marie Weideman	Summer program fellow	6/2015-9/2015	See peer-reviewed paper #207	Research Advisor Statistician, Cardiometabolic Health, Eli Lilly and Company
Ms Marcy Schaeffer	Summer program fellow	6/2012-9/2012	See peer-reviewed paper #137	PhD student, Johns Hopkins Bloomberg School of Public Health
Imperial College, London				
Ms Kirsty Little	Pre-doctoral fellow and M.Sc. student at Department of Epidemiology and Biostatistics, Imperial College London	6/2003-9/2003	See peer-reviewed paper #66	Institute of Child Health, University College London, London, UK
Ms Karen Wagner	Pre-doctoral fellow and M.Sc. student at Department of Epidemiology and Biostatistics, Imperial College London	6/2004-9/2004	See peer-reviewed paper #118	UK Health Protection Agency

Teaching Experience

[All lecture courses unless otherwise indicated]

<u>Years</u>	<u>Where taught</u>	<u>Name of course</u>	<u>Contact hours</u>
10/1984-6/1985	Oxford University Department of Mathematics, 2 nd + 3 rd year undergraduate	Tutorials+examples classes in statistics, analysis, measure and integration, functional analysis	>70
1/1992-2/2000	UK National Radiological Protection Board	Post-Graduate Radiological Protection and Advanced Radiological Protection Courses, Epidemiology and Statistics modules	>10
11/1994	UK National Radiological Protection Board	Introductory Statistics module, for visiting group from the Commonwealth of Independent States	5
6/1995	UK National Radiological Protection Board	Epidemiology module on ASQRAD course	2
1/1997	St Bartholomew's Medical College, Radiobiology MSc course	Radiation Epidemiology Module lecture+tutorial groups	6
12/1997	St Bartholomew's Medical College,	Radiation Epidemiology Module lecture+tutorial groups	6

	Radiobiology MSc course		
12/1998	St Bartholomew's Medical College, Radiobiology MSc course	Radiation Epidemiology Module lecture+tutorial groups	6
12/2000	Imperial College Medical 1 st year	Foundations of Clinical Practice tutorial groups (statistics)	2
1/2001-3/2001	Imperial College Earth Resources Engineering 2 nd year	Statistics course lecture+tutorial groups	30
11/2001	Imperial College MSc in Modern Epidemiology	Setting and supervision of extended exercise (Linear and generalised linear models course)	4
11/2001-12/2001	Imperial College Medical 1 st year	Foundations of Clinical Practice tutorial groups (statistics)	4
5/2002	Imperial College, 1 st year PhD course	Introduction to Statistical Thinking	2
11/2002	Imperial College MSc in Modern Epidemiology	Organizing module on "Regression modules in epidemiology", lectures on "Poisson regression in epidemiology", "Cancer incidence and mortality following atomic bombings of Hiroshima and Nagasaki"+associated tutorial groups	8
5/2003	Imperial College, 1 st year PhD course	Non-parametric statistical tests and topics in regression modeling	2
2/2004	Imperial College MSc in Modern Epidemiology	Organizing module on "Analysis of follow-up (cohort and time to event) studies", lectures on "Poisson regression in epidemiology", "Cancer incidence and mortality following atomic bombings of Hiroshima and Nagasaki"+associated tutorial groups	8
2/2004	Imperial College, 1 st year PhD course	Introduction to Statistical Thinking	2
5/2004	Imperial College, 1 st year PhD course	Parametric and non-parametric statistical tests and topics in regression modeling	2
1/2005	Imperial College MSc in Modern Epidemiology	Organizing module on "Cancer and cardiovascular epidemiology and the analysis of cohort studies", lecture on "Comparing rates using Poisson regression" +associated tutorial groups	6
5/2005	Imperial College, 1 st year PhD course	Parametric and non-parametric statistical tests and topics in regression modeling	2
11/2005	Imperial College MSc in	Organizing module on "An introduction to mathematical model development", lecture on	3

	Modern Epidemiology	“Mathematical models for chronic diseases”	
11/2005	Imperial College MSc in Modern Epidemiology	Organizing module on “Stratified analysis and regression modelling in epidemiology”, lectures on “An introduction to linear regression”, “Multiple linear regression: collinearity and confounding”+associated tutorial groups	7
2/2006	Imperial College MSc in Modern Epidemiology	Organizing module on “Cancer and cardiovascular epidemiology and the analysis of cohort studies”, lecture on “Comparing rates using Poisson regression”	9
11/2006	Imperial College MSc in Modern Epidemiology	Mathematical models for chronic diseases	3
11/2006	Imperial College MSc in Modern Epidemiology	Organizing module on “Stratified analysis and regression modelling in epidemiology”, lectures on “An introduction to linear regression”, “Multiple linear regression: collinearity and confounding”, “Logistic regression”+associated tutorial groups	9
2/2007	Imperial College MSc in Modern Epidemiology	Poisson regression lecture+tutorial groups	4
11/2007	Imperial College MSc in Modern Epidemiology	Mathematical models for chronic diseases	3
11/2007	Imperial College MSc in Modern Epidemiology	Organizing module on “Stratified analysis and regression modelling in epidemiology”, lectures on “Multiple linear regression: collinearity and confounding”, “Linear models: model building”, “An introduction to binary and categorical data”, “Linear models: model checking”+associated tutorial groups	14
1/2008	Imperial College MSc in Modern Epidemiology	Organizing module on “Advanced topics in regression”, lectures on “Logistic regression”, “Advanced topics in regression (GLMs etc)”+associated tutorial groups	8
2/2008	Imperial College MSc in Modern Epidemiology	Poisson regression lecture+associated tutorial groups	4
1/2009	Imperial College MSc in Modern Epidemiology	Organizing module on “Advanced topics in regression”, lectures on “Logistic and ordinal regression”, “Advanced topics in regression (GLMs etc)”+associated tutorial groups	8
7/2009	EU NOTE Training course on “Using mathematical methods in radiation biology”, Grand Hotel Beverley	Course organizer, lectures on “Introduction to statistical thinking”, “Bystander effect modelling”, “Cancer models incorporating genomic instability: a Darwinian perspective”	2

	Hills, Rome		
3-4/2012	Division of Cancer Epidemiology and Genetics training course “Introductory statistics lectures”	Course organizer, lectures on “An introduction to linear models” “Linear models: model checking”, “Linear model building”, “An introduction to binary and categorical data”, “Generalized linear models (GLMs)”	10
4/2015	Division of Cancer Epidemiology and Genetics training course “R for Epidemiologists”	Lecture on “Survival Analysis”	1
9/2018 – 12/2021	Division of Cancer Epidemiology and Genetics training course “The elements of statistical learning”	Lectures on “The elements of statistical learning”	5
5/2023 -	Division of Cancer Epidemiology and Genetics training course “The elements of statistical learning”	Lectures on “The elements of statistical learning”	7

Publications

Peer-reviewed Papers

*=supervised M.Sc student and pre-M.Sc student, **=supervised Ph.D student,

***=supervised post-doctoral student

1. **Little, M.P.**, Charles, M.W., 1989. Estimation of population cancer risks from the DS86 bomb survivor data. *J. Radiol. Prot.* 9 9-18.
2. **Little, M.P.**, 1990. A comparison between the risks of childhood leukaemia from parental exposure to radiation in the Sellafield workforce and those displayed among the Japanese bomb survivors. *J. Radiol. Prot.* 10 185-198.
3. **Little, M.P.**, Charles, M.W., 1990. Bomb survivor selection and consequences for estimates of population cancer risks. *Health Phys.* 59 765-775.
4. **Little, M.P.**, Charles, M.W., 1990. Time variations in the relative risk of cancer: theoretical and epidemiological evidence. *RERF Update* 2(3) 3-4.
5. **Little, M.P.**, 1991. A comparison of the apparent risks of childhood leukaemia from parental exposure to radiation in the six months prior to conception in the Sellafield workforce and the Japanese bomb survivors. *J. Radiol. Prot.* 11 77-90.
6. **Little, M.P.**, Charles, M.W., 1991. Time variations in radiation-induced relative risk and implications for population cancer risks. *J. Radiol. Prot.* 11 91-110.
7. **Little, M.P.**, Hawkins, M.M., Shore, R.E., Charles, M.W., Hildreth, N.G., 1991. Time variations in the risk of cancer following irradiation in childhood. *Radiat. Res.* 126 304-316; 132 126.

8. **Little, M.P.**, 1991. A comparison of the risks of childhood leukaemia from parental pre-conception exposure to radiation in the Sellafield and Dounreay workforces and the Japanese bomb survivors. *J. Radiol. Prot.* 11 231-240.
9. **Little, M.P.**, Hawkins, M.M., Charles, M.W., Hildreth, N.G., 1992. Fitting the Armitage-Doll model to radiation-exposed cohorts and implications for population cancer risks. *Radiat. Res.* 132 207-221; 137 124-128.
10. **Little, M.P.**, 1992. The risks of leukaemia and non-cancer mortality in the offspring of the Japanese bomb survivors and a comparison of leukaemia risks with those in the offspring of the Sellafield workforce. *J. Radiol. Prot.* 12 203-218; 13 295.
11. Atkinson, W., Goodhead, D., Harte, G., **Little, M.**, Rose, K., Wade, B., 1992. Effects of low-dose ionizing radiation: implications for human health – Conference summary. *Nucl. Energy* 31 247-259.
12. **Little, M.P.**, 1993. Risks of radiation-induced cancer at high doses and dose rates. *J. Radiol. Prot.* 13 3-25.
13. **Little, M.P.**, Kendall, G.M., Muirhead, C.R., MacGibbon, B.H., Haylock, R.G.E., Thomas, J.M., Goodill, A.A., 1993. Further analysis, incorporating assessment of the robustness of risks of cancer mortality in the National Registry for Radiation Workers. *J. Radiol. Prot.* 13, 95-108 295.
14. **Little, M.P.**, 1993. A comparison of the risks of childhood leukaemia in the offspring of the Japanese bomb survivors and those of the Sellafield workforce with those in the offspring of the Ontario and Scottish workforces. *J. Radiol. Prot.* 13 161-175.
15. **Little, M.P.**, 1993. Correction to the paper “Risks of radiation-induced cancer at high doses and dose rates”. *J. Radiol. Prot.* 13 287-292.
16. **Little, M.P.**, Wakeford, R., Charles, M.W., 1994. A comparison of the risks of leukaemia in the offspring of the Sellafield workforce born in Seascale and those born elsewhere in west Cumbria with the risks in the offspring of the Ontario and Scottish workforces and the Japanese bomb survivors. *J. Radiol. Prot.* 14 187-201.
17. **Little, M.P.**, Wakeford, R., Charles, M.W., 1994. An analysis of leukaemia, lymphoma and other malignancies together with certain categories of non-cancer mortality in the first generation offspring (F₁) of the Japanese bomb survivors. *J. Radiol. Prot.* 14 203-218.
18. **Little, M.P.**, Charles, M.W., Wakeford, R., 1995. A review of the risks of leukemia in relation to parental pre-conception exposure to radiation. *Health Phys.* 68 299-310.
19. **Little, M.P.**, Muirhead, C.R., 1995. Mechanistic models of carcinogenesis. *Radiol. Prot. Bull.* 164 10-19.
20. **Little, M.P.**, 1995. Are two mutations sufficient to cause cancer? Some generalizations of the two-mutation model of carcinogenesis of Moolgavkar, Venzon, and Knudson, and of the multistage model of Armitage and Doll. *Biometrics* 51 1278-1291.
21. **Little, M.P.**, Muirhead, C.R., Boice, J.D., Jr., Kleinerman, R.A., 1995. Using multistage models to describe radiation-induced leukaemia. *J. Radiol. Prot.* 15 315-334.

22. **Little, M.P.**, 1996. Generalisations of the two-mutation and classical multi-stage models of carcinogenesis fitted to the Japanese atomic bomb survivor data. *J. Radiol. Prot.* 16 7-24.
23. **Little, M.P.**, Wakeford, R., Charles, M.W., Andersson, M., 1996. A comparison of the risks of leukaemia and non-Hodgkin's lymphoma in the first generation offspring (F₁) of the Danish Thorotrast patients with those observed in other studies of parental pre-conception irradiation. *J. Radiol. Prot.* 16 25-36.
24. **Little, M.P.**, Muirhead, C.R., Stiller, C.A., 1996. Modelling lymphocytic leukaemia incidence in England and Wales using generalizations of the two-mutation model of carcinogenesis of Moolgavkar, Venzon and Knudson. *Statist. Med.* 15 1003-1022.
25. **Little, M.P.**, Muirhead, C.R., 1996. Evidence for curvilinearity in the cancer incidence dose-response in the Japanese atomic bomb survivors. *Int. J. Radiat. Biol.* 70 83-94.
26. **Little, M.P.**, 1996. The projection of cancer and overall mortality rates in extreme old age and their impact on population cancer risks. *J. Radiol. Prot.* 16 153-166.
27. Chakraborty, R., **Little, M.P.**, Sankaranarayanan, K., 1997. Cancer predisposition, radiosensitivity and the risk of radiation-induced cancers. III. Effects of incomplete penetrance and dose-dependent radiosensitivity on cancer risks in populations. *Radiat. Res.* 147 309-320.
28. **Little, M.P.**, Charles, M.W., 1997. The risk of non-melanoma skin cancer incidence in the Japanese atomic bomb survivors. *Int. J. Radiat. Biol.* 71 589-602.
29. **Little, M.P.**, de Vathaire, F., Charles, M.W., Hawkins, M.M., Muirhead, C.R., 1997. Variations with time and age in the relative risks of solid cancer incidence after radiation exposure. *J. Radiol. Prot.* 17 159-177.
30. Draper, G.J., **Little, M.P.**, Sorahan, T., Kinlen, L.J., Bunch, K.J., Conquest, A.J., Kendall, G.M., Kneale, G.W., Lancashire, R.J., Muirhead, C.R., O'Connor, C.M., Vincent, T.J., 1997. Cancer in the offspring of radiation workers: a record linkage study. *Br. Med. J.* 315 1181-1188. PMID: PMC2127770.
31. Draper, G.J., **Little, M.P.**, Sorahan, T., Kinlen, L.J., Bunch, K.J., Conquest, A.J., Kendall, G.M., Kneale, G.W., Lancashire, R.J., Muirhead, C.R., O'Connor, C.M., Vincent, T.J., Thomas, J.M., Goodill, A.A., Vokes, J., Haylock, R.G.E., 1997. Cancer in the offspring of radiation workers. A summary of the record linkage study. *Radiol. Prot. Bull.* 196 7-11.
32. **Little, M.P.**, 1997. Estimates of neutron relative biological effectiveness derived from the Japanese atomic bomb survivors. *Int. J. Radiat. Biol.* 72 715-726.
33. **Little, M.P.**, Muirhead, C.R., 1997. Curvilinearity in the dose-response curve for cancer in Japanese atomic bomb survivors. *Environ. Health Perspect.* 105 (supp.6) 1505-1509. PMID: PMC1469947.
34. **Little, M.P.**, de Vathaire, F., Charles, M.W., Hawkins, M.M., Muirhead, C.R., 1998. Variations with time and age in the risks of solid cancer incidence after radiation exposure in childhood. *Statist. Med.* 17 1341-1355.
35. Chakraborty, R., **Little, M.P.**, Sankaranarayanan, K., 1998. Cancer predisposition, radiosensitivity and the risk of radiation-induced cancers. IV. Prediction of risks in relatives of cancer-predisposed individuals. *Radiat. Res.* 149 493-507.

36. **Little, M.P.**, de Vathaire, F., Shamsaldin, A., Oberlin, O., Campbell, S., Grimaud, E., Chavaudra, J., Haylock, R.G.E., Muirhead, C.R., 1998. Risks of brain tumour following treatment for cancer in childhood: modification by genetic factors, radiotherapy and chemotherapy. *Int. J. Cancer* 78 269-275.
37. **Little, M.P.**, Muirhead, C.R., 1998. Curvature in the cancer mortality dose response in Japanese atomic bomb survivors: absence of evidence of threshold. *Int. J. Radiat. Biol.* 74 471-480.
38. **Little, M.P.**, Muirhead, C.R., Charles, M.W., 1999. Describing time and age variations in the risk of radiation-induced solid tumour incidence in the Japanese atomic bomb survivors using generalized relative and absolute risk models. *Statist. Med.* 18 17-33.
39. **Little, M.P.**, Boice, J.D., Jr., 1999. Comparison of breast cancer incidence in the Massachusetts tuberculosis fluoroscopy cohort and in the Japanese atomic bomb survivors. *Radiat. Res.* 151 218-224.
40. Muirhead, C.R., Goodill, A.A., Haylock, R.G.E., Vokes, J., **Little, M.P.**, Jackson, D.A., O'Hagan, J.A., Thomas, J.M., Kendall, G.M., Silk, T.J., Bingham, D., Berridge, G.L.C., 1999. Occupational radiation exposure and mortality: second analysis of the National Registry for Radiation Workers. *J. Radiol. Prot.* 19 3-26.
41. **Little, M.P.**, Weiss, H.A., Boice, J.D., Jr., Darby, S.C., Day, N.E., Muirhead, C.R., 1999. Risks of leukemia in Japanese atomic bomb survivors, in women treated for cervical cancer, and in patients treated for ankylosing spondylitis. *Radiat. Res.* 152 280-292; 153 243.
42. **Little, M.P.**, 1999. A comparison of the risk of stillbirth associated with paternal pre-conception irradiation in the Sellafield workforce with that of stillbirth and untoward pregnancy outcome among Japanese atomic bomb survivors. *J. Radiol. Prot.* 19 361-373.
43. **Little, M.P.**, Muirhead, C.R., Haylock, R.G.E., Thomas, J.M., 1999. Relative risks of radiation-associated cancer: comparison of second cancer in therapeutically irradiated populations with the Japanese atomic bomb survivors. *Radiat. Environ. Biophys.* 38 267-283.
44. **Little, M.P.**, Muirhead, C.R., 2000. Derivation of low-dose extrapolation factors from analysis of curvature in the cancer incidence dose response in Japanese atomic bomb survivors. *Int. J. Radiat. Biol.* 76 939-953.
45. **Little, M.P.**, 2000. A comparison of the degree of curvature in the cancer incidence dose-response in Japanese atomic bomb survivors with that in chromosome aberrations measured *in vitro*. *Int. J. Radiat. Biol.* 76 1365-1375.
46. Goossens, L.H.J., Wakeford, R., **Little, M.**, Muirhead, C., Hasemann, I., Jones, J.A., 2000. Probabilistic accident consequence uncertainty analysis of the late health effects module in the COSYMA package. *Radiat. Prot. Dosim.* 90 359-364.
47. **Little, M.P.**, Deltour, I., Richardson, S., 2000. Projection of cancer risks from the Japanese atomic bomb survivors to the England and Wales population taking into account uncertainty in risk parameters. *Radiat. Environ. Biophys.* 39 241-252; 40 236.
48. Heidenreich, W.F., Brugmans, M.J.P., **Little, M.P.**, Leenhouts, H.P., Paretzke, H.G., Morin, M., Lafuma, J., 2000. Analysis of lung tumour risk in radon-exposed rats: an intercomparison of multi-step modelling. *Radiat. Environ. Biophys.* 39 253-264.

49. **Little, M.P.**, 2001. Comparison of the risks of cancer incidence and mortality following radiation therapy for benign and malignant disease with the cancer risks observed in the Japanese A-bomb survivors. *Int. J. Radiat. Biol.* 77 431-464; 745-760.
50. **Little, M.P.**, 2001. Cancer after exposure to radiation in the course of treatment for benign and malignant disease. *Lancet Oncol.* 2 212-220.
51. Radivoyevitch, T., Sachs, R.K., Nikiforov, Y.E., Nikiforova, M.N., **Little, M.P.**, 2001. On target cell numbers in radiation-induced *H4-RET* mediated papillary thyroid cancer. *Radiat. Environ. Biophys.* 40 191-197.
52. **Little, M.P.**, Wakeford, R., 2001. The bystander effect in C3H 10T $\frac{1}{2}$ cells and radon-induced lung cancer. *Radiat. Res.* 156 695-699.
53. **Little, M.P.**, Haylock, R.G.E., Muirhead, C.R., 2002. Modelling lung tumour risk in radon-exposed uranium miners using generalizations of the two-mutation model of Moolgavkar, Venzon and Knudson. *Int. J. Radiat. Biol.* 78 49-68.
54. **Little, M.P.**, 2002. Comparisons of lung tumour mortality risk in the Japanese A-bomb survivors and in the Colorado Plateau uranium miners: support for the ICRP lung model. *Int. J. Radiat. Biol.* 78 145-163.
55. **Little, M.P.**, Wakeford, R., 2002. The bystander effect in experimental systems and compatibility with radon-induced lung cancer in humans. *J. Radiol. Prot.* 22 A27-A31.
56. Wakeford, R., **Little, M.P.**, 2002. Childhood cancer after low-level intrauterine exposure to radiation. *J. Radiol. Prot.* 22 A123-A127.
57. **Little, M.P.**, 2002. The proportion of thyroid cancers in the Japanese atomic bomb survivors associated with natural background radiation. *J. Radiol. Prot.* 22 279-291.
58. **Little, M.P.**, 2002. Absence of evidence for differences in the dose-response for cancer and non-cancer endpoints by acute injury status in the Japanese atomic-bomb survivors. *Int. J. Radiat. Biol.* 78 1001-1010.
59. Basáñez, M.-G., Collins, R.C., Porter, C.H., **Little, M.P.**, Brandling-Bennett, D., 2002. Transmission intensity and the patterns of *Onchocerca volvulus* infection in human communities. *Am. J. Tropical Med. Hygiene* 67 669-679.
60. **Little, M.P.**, Boice, J.D., Jr., 2003. Analysis of breast cancer in the Massachusetts TB fluoroscopy cohort and in the Japanese A-bomb survivors, taking account of dosimetric error and curvature in the A-bomb dose response: absence of evidence of reduction of risk following fractionated irradiation. *Int. J. Low Radiat.* 1 88-101.
61. **Little, M.P.**, Wright, E.G., 2003. A stochastic carcinogenesis model incorporating genomic instability fitted to colon cancer data. *Math. Biosci.* 183 111-134.
62. Wakeford, R., **Little, M.P.**, 2003. Risk coefficients for childhood cancer after intrauterine irradiation: a review. *Int. J. Radiat. Biol.* 79 293-309.
63. Sorahan, T., Haylock, R.G.E., Muirhead, C.R., Bunch, K.J., Kinlen, L.J., **Little, M.P.**, Draper, G.J., Kendall, G.M., Lancashire, R.J., English, M.A., 2003. Cancer in the offspring of radiation workers: an investigation of employment timing and a reanalysis using updated dose information. *Br. J. Cancer* 89 1215-1220. PMID: PMC2394296.
64. **Little, M.P.**, 2003. Risks associated with ionizing radiation. *Br. Med. Bull.* 68 259-275.

65. **Little, M.P.**, Muirhead, C.R., 2004, Absence of evidence for threshold departures from linear-quadratic curvature in the Japanese A-bomb cancer incidence and mortality data. *Int. J. Low Radiat.* 1 242-255.
66. *Little, K.E., Basáñez, M.G., **Little, M.P.**, Cheke, R.A., 2003, Patterns of blindness due to human onchocerciasis: a whole new can of worms. *Br. Simuliid Group Bull.* 21 10-12.
67. Patel, R.R., Steer, P., Doyle, P., **Little, M.P.**, Elliott, P., 2004, Does gestation vary by ethnic group? A London-based study of over 122 000 pregnancies with spontaneous onset of labour. *Int. J. Epidemiol.* 33 107-113.
68. **Little, M.P.**, Breitling, L.P., Basáñez, M.-G., Alley, E.S., Boatman, B.A., 2004, Association between microfilarial load and excess mortality in human onchocerciasis: an epidemiological study. *Lancet* 363 1514-1521.
69. **Little, M.P.**, Basáñez, M.-G., Breitling, L.P., Boatman, B.A., Alley, E.S., 2004, Incidence of blindness during the Onchocerciasis Control Programme in Western Africa, 1971-2002. *J. Infectious Dis.* 189 1932-1941.
70. **Little, M.P.**, 2004, Threshold and other departures from linear-quadratic curvature in the non-cancer mortality dose-response curve in the Japanese atomic bomb survivors. *Radiat. Environ. Biophys.* 43 67-75.
71. **Little, M.P.**, 2004. The bystander effect model of Brenner and Sachs fitted to lung cancer data in 11 cohorts of underground miners, and equivalence of fit of a linear relative risk model with adjustment for attained age and age at exposure. *J. Radiol. Prot.* 24 243-255.
72. **Little, M.P.**, Muirhead, C.R., 2004, Derivation of low-dose extrapolation factors from analysis of curvature in the cancer incidence dose response in Japanese A-bomb survivors. *Int. J. Low Radiat.* 1 285-299.
73. Steer, P.J., **Little, M.P.**, Kold-Jensen, T., Chapple, J., Elliott, P., 2004. Maternal blood pressure in pregnancy, birth weight, and perinatal mortality in first births: prospective study. *Br. Med. J.* 329 1312-1314. PMID: PMC534837.
74. ***Bennett, J., **Little, M.P.**, Richardson, S., 2004, Flexible dose-response models for Japanese atomic bomb survivor data: Bayesian estimation and prediction of cancer risk. *Radiat. Environ. Biophys.* 43 233-245.
75. **Little, M.P.**, ***Filipe, J.A.N., Prise, K.M., Folkard, M., Belyakov, O.V., 2005. A model for radiation-induced bystander effects, with allowance for spatial position and the effects of cell turnover. *J. Theor. Biol.* 232 329-338.
76. **Little, M.P.**, **Brocard, P., Elliott, P., Steer, P.J., 2005, Hemoglobin concentration in pregnancy and perinatal mortality: A London-based cohort study. *Am. J. Obstet. Gynecol.* 193 220-226.
77. ***Filipe, J.A.N., Boussinesq, M., Renz, A., Collins, R.C., Vivas-Martinez, S., Grillet, M.E., **Little, M.P.**, Basáñez, M.-G., 2005, Human infection patterns and heterogeneous exposure in river blindness. *Proc. Natl Acad. Sci. USA* 102 15265-15270. PMID: PMC1257694.
78. Basáñez, M.-G., Pion, S.D.S., Churcher, T.S., Breitling, L.P., **Little, M.P.**, Boussinesq, M., 2006, River blindness: a success story under threat? *PLoS Medicine* 3 1454-1460 (e371). PMID: PMC1576321.

79. Shuryak, I., Sachs, R.K., Hlatky, L., **Little, M.P.**, Hahnfeldt, P., Brenner, D.J., 2006, Radiation-induced leukemia at doses relevant to radiation therapy: modeling mechanisms and estimating risks. *J. Natl Cancer Inst.* 98 1794-1806.
80. **Little, M.P.**, Järvelin, M.-R., Neasham, D.E., Lissauer, T., Steer, P.J., 2007, Factors associated with fall in neonatal intubation rates in the United Kingdom - prospective study. *BJOG: Intern. J. Obst. Gynaecol.* 114 156-164.
81. **Little, M.P.**, 2007, A multi-compartment cell repopulation model allowing for inter-compartmental migration following radiation exposure, applied to leukaemia. *J. Theoret. Biol.* 245 83-97.
82. **Little, M.P.**, **Li, G.**, 2007, Stochastic modelling of colon cancer: is there a role for genomic instability? *Carcinogenesis* 28 479-487.
83. Canoy, D., Pekkanen, J., Elliott, P., Pouta, A., Laitinen, J., Hartikainen, A.-L., Zitting, P., **Patel, S.**, **Little, M.P.**, Järvelin, M.-R., 2007, Early growth and adult respiratory function in men and women followed from the fetal period to adulthood. *Thorax* 62 396-402. PMID: PMC2117170.
84. Elliott, P., Walker, L.L., **Little, M.P.**, Blair-West, J.R., Shade, R.E., Lee, D.R., Rouquet, P., Leroy, E., Jeunemaitre, X., Ardaillou, R., Paillard, F., Meneton, P., Denton, D.A., 2007, Change in salt intake affects blood pressure of chimpanzees. Implications for human populations. *Circulation* 116 1563-1568.
85. **Little, M.P.**, Hall, P., Charles, M.W., 2007, Are cancer risks associated with exposures to ionising radiation from internal emitters greater than those in the Japanese A-bomb survivors? *Radiat. Environ. Biophys.* 46 299-310.
86. **Little, M.P.**, 2007, New models for evaluation of the radiation-induced lifetime cancer risk. New insights in radiation risk and basic safety standards (Proceedings of a scientific seminar held in Luxembourg on 17 October 2006). Directorate-General for Energy and Transport H – Nuclear Energy Unit H.4 (ISBN 978-92-79-07800-2). European Commission, Belgium. *Radiation Protection* 145 9-18.
87. **Little, M.P.**, Tawn, E.J., Tzoulaki, I., Wakeford, R., Hildebrandt, G., Paris, F., Tapio, S., Elliott, P., 2008, A systematic review of epidemiological associations between low and moderate doses of ionizing radiation and late cardiovascular effects, and their possible mechanisms. *Radiat. Res.* 169 99-109.
88. **Little, M.P.**, Heidenreich, W.F., Moolgavkar, S.H., Schöllnberger, H. and Thomas, D.C., 2007, Systems biological and mechanistic modelling of radiation-induced cancer. *Radiat. Environ. Biophys.* 47 39-47. PMID: PMC2226195.
89. **Little, M.P.**, Lambert, B.E., 2008, Systematic review of experimental studies on the relative biological effectiveness of tritium. *Radiat. Environ. Biophys.* 47 71-93.
90. **Little, M.P.**, Wakeford, R., 2008, Systematic review of epidemiological studies of exposure to tritium. *J. Radiol. Prot.* 28 9-32.
91. **Little, M.P.**, Hoel, D.G., Molitor, J., Boice, J.D., Jr, Wakeford, R., Muirhead, C.R., 2008, New models for evaluation of radiation-induced lifetime cancer risk and its uncertainty employed in the UNSCEAR 2006 report. *Radiat. Res.* 169 660-676.

92. **Little, M.P.**, Vineis, P., ****/**Li, G.**, 2008, A stochastic carcinogenesis model incorporating multiple types of genomic instability fitted to colon cancer data. *J. Theoret. Biol.* 254 229-238; 255 268.
93. ****Patel, S.P.**, Järvelin, M.-R., **Little, M.P.**, 2008, Systematic review of worldwide variations of the prevalence of wheezing symptoms in children. *Environ. Health* 7 57. PMID: PMC2614981.
94. **Little, M.P.**, 2008, Leukaemia following childhood radiation exposure in the Japanese atomic bomb survivors and in medically exposed groups. *Radiat. Prot. Dosimetry* 132 156-165.
95. Wakeford, R., Kendall, G.M., **Little, M.P.**, 2009, The proportion of childhood leukaemia incidence in Great Britain that may be caused by natural background ionizing radiation. *Leukemia* 23 770-776.
96. **Little, M.P.**, 2009, Cancer and non-cancer effects in Japanese atomic bomb survivors. *J. Radiol. Prot.* 29 A43-A59.
97. **Little, M.P.**, 2009, Heterogeneity of variation of relative risk by age at exposure in the Japanese atomic bomb survivors. *Radiat. Environ. Biophys.* 48 253-262, 51 223.
98. **Little, M.P.**, ****Gola, A.**, Tzoulaki, I., 2009, A model of cardiovascular disease giving a plausible mechanism for the effect of fractionated low-dose ionizing radiation exposure. *PLoS Comput. Biol.* 5(10) e1000539. PMID: PMC2759077.
99. Wakeford, R., **Little, M.P.**, 2009, Epidemiological evidence for radiation-induced circulatory disease – non-occupational exposure. EU Scientific Seminar 2008. “Emerging evidence for radiation induced circulatory diseases”. Proceedings of a scientific seminar held in Luxembourg on 25 November 2008. *Radiation Protection* 158, 21-31 (downloadable from http://ec.europa.eu/energy/nuclear/radiation_protection/doc/publication/158.pdf).
100. **Little, M.P.**, Wakeford, R., Kendall, G.M., 2009, Updated estimates of the proportion of childhood leukaemia incidence in Great Britain that may be caused by natural background ionising radiation. *J. Radiol. Prot.* 29 467-482.
101. Tzoulaki, I., Molokhia, M., Curcin, V., **Little, M.P.**, Millett, C.J., Ng, A., Hughes, R.I., Khunti, K., Wilkins, M.R., Majeed, A., Elliott, P., 2009, Risk of cardiovascular disease and all cause mortality among patients with type 2 diabetes prescribed oral antidiabetes drugs: retrospective cohort study using UK general practice research database. *Br. Med. J.* 339 b4731. PMID: PMC2788912.
102. **Little, M.P.**, ****Gola, A.**, Tzoulaki, I., *****Vandoolaeghe, W.**, 2009, Variant assumptions made in deriving equilibrium solutions to “A model of cardiovascular disease giving a plausible mechanism for the effect of fractionated low-dose ionizing radiation exposure” (*PloS Comput Biol* 2009 **5(10)** e1000539). *arXiv:0912.5120*.
103. **Little, M.P.**, Heidenreich, W.F., ****/**Li, G.**, 2009, Parameter identifiability and redundancy in a general class of stochastic carcinogenesis models. *PLoS ONE* 4(12) e8520. PMID: PMC2797326.
104. **Little, M.P.**, Heidenreich, W.F., ****/**Li, G.**, 2010, Parameter identifiability and redundancy: theoretical considerations. *PLoS ONE* 5(1) e8915 (also published as *arXiv:0812.4701*). PMID: PMC2811744.

105. **Little, M.P.**, 2010, Monocyte and T-lymphocyte trans-endothelial migration in relation to cardiovascular disease: some alternative boundary conditions in a model recently proposed by Little *et al.* (*PLoS Comput Biol* 2009 5(10) e1000539). *arXiv*:1003.0199v1.
106. **Little, M.P.**, 2010, Do non-targeted effects increase or decrease low dose risk in relation to the linear-non-threshold (LNT) model? *Mutat. Res.* 687 17-27. PMID: PMC3076714.
107. **Little, M.P.**, Tawn, E.J., Tzoulaki, I., Wakeford, R., Hildebrandt, G., Paris, F., Tapio, S., Elliott, P., 2010, Review and meta-analysis of epidemiological associations between low/moderate doses of ionizing radiation and circulatory disease risks, and their possible mechanisms. *Radiat. Environ. Biophys.* 49 139-153. PMID: PMC3075616.
108. **Little, M.P.**, 2010, Cancer models, genomic instability and somatic cellular Darwinian evolution. *Biology Direct* 5 19. PMID: PMC2873266.
109. **Little, M.P.**, Wakeford, R., Lubin, J.H., Kendall, G.M., 2010, The statistical power of epidemiological studies analyzing the relationship between exposure to ionizing radiation and cancer, with special reference to childhood leukemia and natural background radiation. *Radiat. Res.* 174 387-402. PMID: PMC3967863.
110. Taylor, A.J., **Little, M.P.**, Winter D.L., Sugden, E., Ellison, D.W., Stiller, C.A., Stovall, M., Frobisher, C., Lancashire, E.R., Reulen, R.C., Hawkins, M.M., 2010, Population-based risks of CNS tumors in survivors of childhood cancer: the British Childhood Cancer Survivor Study. *J. Clin. Oncol.* 28 5287-5293. PMID: PMC4809645.
111. Ziegelberger, G., Baum, C., Borkhardt, A., Cobaleda, C., Dasenbrock, C., Dehos, A., Grosche, B., Hauer, J., Hornhardt, S., Jung, T., Kammertoens, T., Lagroye, I., Lehrach, H., Lightfoot, T., **Little, M.P.**, Rossig, C., Sanchez-Garcia, I., Schrappe, M., Schuez, J., Shalapour, S., Slany, R., Stanulla, M., Weiss, W., 2011, Research recommendations toward a better understanding of the causes of childhood leukemia. *Blood Cancer Journal* 1 e1. PMID: PMC3255247.
112. Mitchel, R.E.J., Hasu, M., Bugden, M., Wyatt, H., **Little, M.P.**, **Gola, A., Hildebrandt, G., Priest, N.D., Whitman, S.C., 2011, Low-dose radiation exposure and atherosclerosis in *ApoE^{-/-}* mice. *Radiat. Res.* 175 665-676. PMID: PMC3998759.
113. Kendall, G., **Little, M.P.**, Wakeford, R., 2011, Numbers and proportions of leukemias in young people and adults induced by radiation of natural origin. *Leukemia Res.* 35 1039-1043.
114. ***Kwon, D., **Little, M.P.**, Miller, D.L., 2011, Reference air kerma and kerma-area product as estimators of peak skin dose for fluoroscopically guided interventions. *Med. Phys.* 38 4196-4204. PMID: PMC3145218.
115. **Little, M.P.**, Kleinerman, R.A., Stiller, C.A., **/**Li, G., Kroll, M.E., Murphy, M.F.G., 2012, Analysis of retinoblastoma age incidence data using a fully stochastic cancer model. *Int. J. Cancer* 130 631-640. PMID: PMC3167952.
116. **Little, M.P.**, Rajaraman, P., Curtis, R.E., Devesa, S.S., Inskip, P.D., Check, D.P., Linet, M.S., 2012, Mobile phone use and glioma risk: comparison of epidemiologic study results with incidence trends in the United States. *Br. Med. J.* 344 e1147. PMID: PMC3297541.

117. Kleinerman, R.A., ***Yu, C.-L., **Little, M.P.**, Li, Y., Abramson, D., Seddon, J., Tucker, M.A., 2012, Variation of second cancer risk by family history of retinoblastoma among long-term survivors. *J. Clin. Oncol.* 30 950-957. PMID: PMC3341108.
118. Walker, M., **Little, M.P.**, *Wagner, K.S., Soumbeay-Alley, E.W., Boatman, B.A., Basáñez, M-G., 2012, Density-dependent mortality of the human host in onchocerciasis: relationships between microfilarial load and excess mortality. *PLoS. Negl. Trop. Diseases* 6(3) e1578. PMID: PMC3313942.
119. **Patel, S.P., Rodriguez, A., **Little, M.P.**, Elliott, P., Pekkanen, J., Hartikainen, A.-L., Pouta, A., Laitinen, J., Harju, T., Canoy, D., Järvelin, M.-R., 2012, Associations between pre-pregnancy obesity and asthma symptoms in adolescents. *J. Epidemiol. Commun. Health* 66 809-814. PMID: PMC3412048.
120. Pearce, M.S., Salotti, J.A., **Little, M.P.**, McHugh, K., Lee, C., Kim, K.P., Howe, N.L., Ronckers, C.M., Rajaraman, P., Craft, A.W., Parker, L., Berrington de González, A., 2012, Radiation exposure from CT scans in childhood and subsequent risk of leukaemia and brain tumours: a retrospective cohort study. *Lancet* 380 499-505. PMID: PMC3418594.
121. **Little, M.P.**, Azizova, T.V., Bazyka, D., Bouffler, S.D., Cardis, E., Chekin, S., Chumak, V.V., Cucinotta, F.A., de Vathaire, F., Hall, P., Harrison, J.D., Hildebrandt, G., Ivanov, V., Kashcheev, V.V., Klymenko, S.V., Kreuzer, M., Laurent, O., Ozasa, K., Schneider, T., Tapio, S., Taylor, A.M., Tzoulaki, I., ***Vandoolaeghe, W.L., Wakeford, R., Zablotska, L.B., Zhang, W., Lipshultz, S.E., 2012, Systematic review and meta-analysis of circulatory disease from exposure to low-level ionizing radiation and estimates of potential population mortality risks. *Env. Health Perspectives* 120 1503-1511. PMID: PMC3556625.
122. **Little, M.P.**, Kleinerman, R.A., Stovall, M., Smith, S.A., Mabuchi, K., 2012, Analysis of dose response for circulatory disease after radiotherapy for benign disease. *Int. J. Radiat. Oncol. Biol. Phys.* 84 1101-1109. PMID: PMC3396750.
123. Zablotska, L.B., Bazyka, D., Lubin, J.H., Gudzenko, N., **Little, M.P.**, Hatch, M., Finch, S., Dyagil, I., Reiss, R.F., Chumak, V.V., Bouville, A., Drozdovitch, V., Kryuchkov, V.P., Golovanov, I., Bakhanova, E., Babkina, N., Lubarets, T., Bebesko, V., Romanenko, A., Mabuchi, K., 2013, Radiation and the risk of chronic lymphocytic and other leukemias among Chernobyl cleanup workers. *Env. Health Perspectives* 121 59-65. PMID: PMC3553431.
124. **Little, M.P.**, Stovall, M., Smith, S.A., Kleinerman, R.A., 2013, A reanalysis of curvature in the dose response for cancer and modifications by age at exposure following radiation therapy for benign disease. *Int. J. Radiat. Oncol. Biol. Phys.* 85 451-459. PMID: PMC3440544.
125. Kendall, G.M., **Little, M.P.**, Wakeford, R., Bunch, K.J., Miles, J.C.H., Vincent, T.J., Meara, J.R., Murphy, M.F.G., 2013, A record-based case-control study of natural background radiation and the incidence of childhood leukaemia and other cancers in Great Britain during 1980-2006. *Leukemia* 27 3-9. PMID: PMC3998763.
126. Khaykin Cahoon, E., Wheeler, D.C., Kimlin, M.G., Kwok, R.K., Alexander, B.H., **Little, M.P.**, Linet, M.S., Freedman, D.M., 2013, Individual, environmental, and meteorological predictors of daily personal ultraviolet radiation exposure measurements in a United

States cohort study. *PLoS ONE* 8(2) e54983. PMID: PMC3566166.

127. Kadhim, M., Salomaa, S., Wright, E., Hildebrandt, G., Belyakov, O.V., Prise, K.M., **Little, M.P.**, 2013, Non-targeted effects of ionising radiation – implications for low dose risk. *Mut. Res. Reviews* 752 84-98. PMID: PMC4091999.
128. Leeman-Neill, R.J., Brenner, A.V., **Little, M.P.**, Bogdanova, T.I., Hatch, M., Zurnadzy, L.Y., Mabuchi, K., Tronko, M.D., Nikiforov, Y.E., 2013, *RET/PTC* and *PAX8/PPAR γ* chromosomal rearrangements in post-Chernobyl thyroid cancer and their association with iodine-131 radiation dose and other characteristics. *Cancer* 119 1792-1799. PMID: PMC3648615.
129. Berrington de Gonzalez, A., Gilbert, E., Curtis, R., Inskip, P., Kleinerman, R., Morton, L., Rajaraman, P., **Little, M.P.**, 2013, Second solid cancers after radiation therapy: a systematic review of the epidemiologic studies of the radiation dose-response relationship. *Int. J. Radiat. Oncol. Biol. Phys.* 86 224-233. PMID: PMC3816386.
130. **Little, M.P.**, Goodhead, D.T., Bridges, B.A., Bouffler, S.D., 2013, Evidence relevant to untargeted and transgenerational effects in the offspring of irradiated parents. *Mutat. Res. Reviews* 753 50-67. PMID: PMC3737396.
131. **Little, M.P.**, 2013, A review of non-cancer effects, especially circulatory and ocular diseases. *Radiat. Environ. Biophys.* 52 435-449. PMID: PMC4074546.
132. Zablotska, L.B., **Little, M.P.**, Cornett, R.J., 2014, Potential increased risk of ischemic heart disease mortality with significant dose fractionation in the Canadian fluoroscopy cohort study. *Am. J. Epidemiol.* 179 120-131. PMID: PMC3864716.
133. **Little, M.P.**, Kukush, A.G., Masiuk, S.V., Shklyar, S., Carroll, R.J., Lubin, J.H., ***Kwon, D., Brenner, A.V., Tronko, M.D., Mabuchi, K., Bogdanova, T.I., Hatch, M., Zablotska, L.B., Tereshchenko, V.P., Ostroumova, E., Bouville, A.C., Drozdovitch, V., Chepurny, M.I., Kovgan, L.N., Simon, S.L., Shpak, V.M., Likhtarev, I.A., 2014, Impact of uncertainties in exposure assessment on estimates of thyroid cancer risk among Ukrainian children and adolescents exposed from the Chernobyl accident. *PLoS ONE* 9(1) e85723. PMID: PMC3906013.
134. Jung, C.K., **Little, M.P.**, Lubin, J.H., Brenner, A.V., Wells, S.A., Jr, Sigurdson, A.J., Nikiforov, Y.E., 2014, The increase in thyroid cancer incidence during the last four decades is accompanied by a high frequency of *BRAF* mutations and a sharp increase in *RAS* mutations. *J. Clin. Endocrinol. Metab.* 99 E276-E285. PMID: PMC3913801.
135. Leeman-Neill, R.J., Kelly, L.M., Liu, P., Brenner, A.V., **Little, M.P.**, Bogdanova, T.I., Evdokimova, V.N., Hatch, M., Zurnadzy, L.Y., Nikiforova, M.N., Yue, N.J., Zhang, M., Mabuchi, K., Tronko, M.D., Nikiforov, Y.E., 2014, ETV6-NTRK3 is a common chromosomal rearrangement in radiation-associated papillary thyroid cancer. *Cancer* 120 799-807. PMID: PMC3947712.
136. Lee, E., Lamart, S., **Little, M.P.**, Lee, C., 2014, Database of normalised computed tomography dose index for retrospective CT dosimetry. *J. Radiol. Prot.* 34 363-388.
137. **Little, M.P.**, *Schaeffer, M.L., Reulen, R.C., Abramson, D.H., Stovall, M., Weathers R., de Vathaire, F., Diallo, I., Seddon, J.M., Hawkins M.M., Tucker, M.A., Kleinerman, R.A., 2014, Breast cancer risk after radiotherapy for heritable and non-heritable retinoblastoma – a US-UK study. *Br. J. Cancer* 110 2623-2632. PMID: PMC4021527.

138. Doss, M., **Little, M.P.**, Orton, C.G., 2014, Point/Counterpoint: Low-dose radiation is beneficial, not harmful. *Med. Phys.* 41 070601. PMID: PMC4109571.
139. **Little, M.P.**, ***Kwon, D., Doi, K., Simon, S.L., Preston, D.L., Doody, M.M., **/***Lee, T., Miller, J.S., Kampa, D.M., Bhatti, P., Tucker, J.D., Linet, M.S., Sigurdson, A.J., 2014, Association of chromosome translocation rate with low dose occupational radiation exposures in US radiologic technologists. *Radiat. Res.* 182 1-17, e44. PMID: PMC4829936.
140. ***Liu, J.J., Freedman, D.M., **Little, M.P.**, Doody, M.M., Alexander, B.H., Kitahara, C.M., **/***Lee, T., Rajaraman, P., Miller, J.S., Kampa, D.M., Simon, S.L., Preston, D.L., Linet, M.S., 2014, Work history and mortality risks in 90 268 US radiological technologists. *Occup. Environ. Med.* 71 819-835.
141. Simon, S.L., Preston, D.L., Linet, M.S., Miller, J.S., Sigurdson, A.J., Alexander, B.H., ***Kwon, D., Yoder, R.C., Bhatti, P., **Little, M.P.**, Rajaraman, P., Melo, D., Drozdovitch, V., Weinstock, R.M., Doody, M.M., 2014, Radiation organ doses received in a nationwide cohort of U.S. radiologic technologists: methods and findings. *Radiat. Res.* 182 507-528. PMID: PMC4406479.
142. Barrett, H.H., Myers, K.J., Hoeschen, C., Kupinski, M.A., **Little, M.P.**, 2015, Task-based measures of image quality and their relation to radiation dose and patient risk. *Phys. Med. Biol.* 60 R1-R75. PMID: PMC4318357.
143. Zablotska, L.B., Nadyrov, E.A., Rozhko, A.V., Gong, Z., Polyanskaya, O.N., McConnell, R.J., O’Kane, P., Brenner, A.V., **Little, M.P.**, Ostroumova, E., Bouville, A., Drozdovitch, V., Minenko, V., Demidchik, Y., Nerovnya, A., Yauseyenko, V., Savasteeva, I., Nikonovich, S., Mabuchi, K., Hatch, M., 2015, Analysis of thyroid malignant pathologic findings identified during 3 rounds of screening (1997-2008) of a cohort of children and adolescents from Belarus exposed to radioiodines after the Chernobyl accident. *Cancer* 121 457-466. PMID: PMC4433039.
144. Schubauer-Berigan, M.K., Anderson, J.L., Hein, M.J., **Little, M.P.**, Sigurdson, A.J., Pinkerton, L.E., 2015, Breast cancer incidence in a cohort of U.S. flight attendants. *Am. J. Indust. Med.* 58 252-266. PMID: PMC4566958.
145. **Little, M.P.**, 2015, Second primary cancers in adults after radiotherapy – an epidemiological review. EU Scientific Seminar 2013. “Radiation induced long-term health effects after medical exposure”. Proceedings of a scientific seminar held in Luxembourg on 19 November 2013 (<http://ec.europa.eu/energy/sites/ener/files/documents/RP182.pdf>). *Radiation Protection* 182 13-22.
146. Freedman, D.M., Kitahara, C.M., Linet, M.S., Alexander, B.H., Neta, G., **Little, M.P.**, Cahoon, E.K., 2015, Ambient temperature and risk of first primary basal cell carcinoma: a nationwide United States cohort study. *J. Photochem. Photobiol. B: Biology* 148 284-289.
147. Kreuzer, M., Auvinen, A., Cardis, E., Hall, J., Jourdain, J.-R., Laurier, D., **Little, M.P.**, Peters, A., Raj, K., Russell, N.S., Tapio, S., Zhang, W., Gomolka, M., 2015, Low-dose ionising radiation and cardiovascular diseases - Strategies for molecular epidemiological studies in Europe. *Mutat. Res. Reviews* 764 90-100.
148. **Little, M.P.**, ***Kwon, D., Zablotska, L.B., Brenner, A.V., Cahoon, E.K., Rozhko,

- A.V., Polyanskaya, O.N., Minenko, V.F., Golovanov, I., Bouville, A., Drozdovitch, V., 2015, Impact of uncertainties in exposure assessment on thyroid cancer risk among persons in Belarus exposed as children or adolescents due to the Chernobyl accident. *PLoS ONE* 10(10) e0139826. PMID: PMC4605727.
149. Kitahara, C.M., Linet, M.S., Drozdovitch, V., Alexander, B.H., Preston, D.L., Simon, S.L., Freedman, D.M., Brill, A.B., Miller, J.S., **Little, M.P.**, Rajaraman, P., Doody, M.M., 2015, Cancer and circulatory disease risks in US radiologic technologists associated with performing procedures involving radionuclides. *Occup. Environ. Med.* 72 770-776. PMID: PMC10291849.
 150. Zablotska, L.B., Nadyrov, E.A., Polyanskaya, O.N., McConnell, R.J., O’Kane, P., Lubin, J., Hatch, M., **Little, M.P.**, Brenner, A.V., Veyalkin, I.V., Yauseyenko, V.V., Bouville, A., Drozdovitch, V.V., Minenko, V.F., Demidchik, Y.E., Mabuchi, K., Rozhko, A.V., 2015, Risk of thyroid follicular adenoma among children and adolescents in Belarus exposed to iodine-131 after the Chornobyl accident. *Am. J. Epidemiol.* 182 781-790. PMID: PMC4751233.
 151. Kendall, G.M., Wakeford, R., Bunch, K.J., Vincent, T.J., **Little, M.P.**, 2015, Residential mobility and associated factors in relation to the assessment of exposure to naturally occurring radiation in studies of childhood cancer. *J. Radiol. Prot.* 35 835-868, 36 719-720.
 152. **/**Lee, T., Sigurdson, A.J., Preston, D.L., Cahoon, E.K., Freedman, D.M., Simon, S.L., Nelson, K., Matanoski, G., Kitahara, C.M., **/**Liu, J.J., Wang, T., Alexander, B.H., Doody, M.M., Linet, M.S., **Little, M.P.**, 2015, Occupational ionising radiation and risk of basal cell carcinoma in US radiologic technologists (1983-2005). *Occup. Environ. Med.* 72 862-869. PMID: PMC10641595.
 153. **Little, M.P.**, Lipshultz, S.E. 2015, Low dose radiation and circulatory diseases: a brief narrative review. *Cardio-Oncology* 1 4. PMID: PMC7837141.
 154. Cahoon, E.K., Kitahara, C.M., Ntowe, E., Bowen, E.M., Doody, M.M., Alexander, B.H., **/**Lee, T., **Little, M.P.**, Linet, M.S., and Freedman, D.M., 2015, Female estrogen-related factors and incidence of basal cell carcinoma in a nationwide US cohort. *J. Clin. Oncol.* 33 4058-4065. PMID: PMC4669591.
 155. Bogdanova, T.I., Zurnadzhy, LY., Nikiforov, Y.E., Leeman-Neill, R.J., Tronko, M.D., Chanock, S., Mabuchi, K., Likhtarov, I.A., Kovgan, L.M., Drozdovitch, V., **Little, M.P.**, Hatch, M., Zablotska, L.B., Shpak, V.M., McConnell, R.J., and Brenner, A.V., 2015, Histopathological features of papillary thyroid carcinomas detected during four screening examinations of a Ukrainian-American cohort. *Br. J. Cancer* 113 1556-1564. PMID: PMC4705885
 156. Rajaraman, P., Doody, M.M., **/**Yu, C.L., Preston D.L., Miller, J.S., Sigurdson A.J., Freedman D.M., Alexander, B.H., **Little, M.P.**, Miller, D.L., Linet, M.S., 2016, Incidence and mortality risks for circulatory diseases in US radiologic technologists who worked with fluoroscopically guided interventional procedures, 1994-2008. *Occup. Environ. Med.* 73 21-27.
 157. Berrington de Gonzalez, A., Salotti, J.A., McHugh, K., **Little, M.P.**, Harbron, R.W., Lee, C., Ntowe, E., Braganza, M.Z., Parker, L., Rajaraman, P., Stiller, C., Stewart, D.R., Craft, A.W., Pearce, M.S., 2016, The relationship between paediatric CT scans and subsequent

- risk of leukaemia and brain tumours: assessment of the impact of underlying conditions. *Br. J. Cancer* 114 388-394. PMID: PMC4815765.
158. Kendall, G.M., Wakeford, R., Athanson, M., Vincent, T.J., Carter, E.J., McColl, N.P., **Little, M.P.**, 2016, Levels of naturally occurring gamma radiation measured in British homes and their prediction in particular residences. *Radiat. Environ. Biophys.* 55 103-124.
 159. Lee, C., Pearce, M.S., Salotti, J.A., Harbron, R.W., **Little, M.P.**, McHugh, K., Chapple, C.-L., Berrington de Gonzalez, A., 2016, Reduction in radiation doses from paediatric CT scans in Great Britain. *Br. J. Radiology* 89 (1060) 20150305. PMID: PMC4846191.
 160. Kendall, G.M., **Little, M.P.**, Wakeford, R., Bunch, K.J., Miles, J.C.H., Vincent, T.J., Meara, J.R., Murphy, M.F.G., 2016, A brief review of case-control studies of natural background radiation and childhood cancer in Great Britain. *Radiat. Environ. Med.* 5 27-30.
 161. **Little, M.P.**, Hendry, J.H., Puskin, J.S., 2016, Lack of correlation between stem-cell proliferation and radiation- or smoking-associated cancer risk. *PLoS ONE* 11(3) e0150335. PMID: PMC4816383.
 162. **Little, M.P.**, Zablotska, L.B., Brenner, A.V., Lipshultz, S.E., 2016, Circulatory disease mortality in the Massachusetts tuberculosis fluoroscopy cohort study. *Eur. J. Epidemiol.* 31 287-309.
 163. Rajaraman, P., Doody, M.M., ***Yu, C.L., Preston, D.L., Miller, J.S., Sigurdson, A.J., Freedman, D.M., Alexander, B.H., **Little, M.P.**, Miller, D.L., Linet, M.S., 2016, Cancer risks in U.S. radiologic technologists working with fluoroscopically-guided interventional procedures, 1994-2008. *Am. J. Roentgenol.* 206 1101-1109.
 164. Rühm, W., Azizova, T.V., Bouffler, S.D., **Little, M.P.**, Shore, R.E., Walsh, L., Woloschak, G.E., 2016, Dose-rate effects in radiation biology and radiation protection. *Annals ICRP* 45 (1 suppl.) 262-279.
 165. Burgess, A.P., Fouquet, N.C., Seri, S., Hawken, M.B., Heard, A., Neasham, D., **Little, M.P.**, Elliott, P., 2016, Acute exposure to Terrestrial Trunked Radio (TETRA) has effects on the electroencephalogram and electrocardiogram, consistent with vagal nerve stimulation. *Environ. Res.* 150 461-469. PMID: PMC5010210.
 166. Kendall, G.M., Miles, J.C.H., Rees, D., Wakeford, R., Bunch, K.J., Vincent, T.J., **Little, M.P.**, 2016, Variation with socioeconomic status of indoor radon levels in Great Britain: the less affluent have less radon. *J. Environ. Radioact.* 164 84-90.
 167. ***Chernyavskiy, P., Kendall, G.M., Wakeford, R., **Little, M.P.**, 2016, Spatial prediction of naturally occurring gamma radiation in Great Britain. *J. Environ. Radioact.* 164 300-311. PMID: PMC5048584.
 168. ***Liu, J.J., Cahoon, E.K., Linet, M.S., **Little, M.P.**, Dagnall, C.L., Higson, H., Savage, S.A., Freedman, D.M., 2016, Relationship between plasma 25-hydroxyvitamin D and leucocyte telomere length by sex and race in a US study. *Br. J. Nutr.* 116 953-960.
 169. Preston, D.L., Kitahara, C.M., Freedman, D.M., Sigurdson, A.J., Simon, S.L., **Little, M.P.**, Cahoon, E.K., Rajaraman, P., Miller, J.S., Alexander, B.H., Doody, M.M., Linet, M.S., 2016, Breast cancer risk and protracted low-to-moderate dose occupational

- radiation exposure in the US radiologic technologists cohort, 1983-2008. *Br. J. Cancer* 115 1105-1112. PMID: PMC5117787.
170. Pinkerton, L.E., Hein, M.J., Anderson, J.L., **Little, M.P.**, Sigurdson, A.J., Schubauer-Berigan, M.K., 2016, Breast cancer incidence among female flight attendants: exposure–response analyses. *Scand. J. Work Environ. Health* 42 538-546.
 171. **Little, M.P.**, 2016, Data taken from the review article “Radiation and circulatory disease” and used in the associated meta-analysis. *Data Brief* 9 1024-1027. PMID: PMC5123126.
 172. **Little, M.P.**, 2016, Radiation and circulatory disease. *Mut. Res. Reviews* 770 299-318. PMID: PMC5315567.
 173. **Little, M.P.**, McElvenny, D.M., 2017, Male breast cancer incidence and mortality risk in the Japanese atomic bomb survivors – differences in excess relative and absolute risk from female breast cancer. *Env. Health Perspectives* 125 223-229. PMID: PMC5289903.
 174. **Little, M.P.**, Hendry, J.H., 2017, Mathematical models of tissue stem and transit target cell divisions and the risk of radiation- or smoking-associated cancer. *PLoS Computational Biol.* 13(2) e1005391. PMID: PMC5347390.
 175. ***Tran, V., Zablotska, L.B., Brenner, A.V., **Little, M.P.**, 2017, Radiation-associated circulatory disease mortality in a pooled analysis of 77,275 patients from the Massachusetts and Canadian tuberculosis fluoroscopy cohorts. *Sci. Rep.* 7 44147. PMID: PMC5347030.
 176. Berrington de Gonzalez, A., Journy, N., Lee, C., Morton, L.M., Harbron, R.W., Stewart, D.R., Parker, L., Craft, A.W., McHugh, K., **Little, M.P.**, Pearce, M.S., 2017, No association between radiation dose from pediatric CT scans and risk of subsequent Hodgkin lymphoma. *Cancer Epidemiol. Biomarkers Prev.* 26 804-806.
 177. Peters, K.O., Tronko, M., Hatch, M., Oliynyk, V., Terekhova, G., Pfeiffer, R.M., Shpak, V.M., McConnell, R.J., Drozdovitch, V., **Little, M.P.**, Zablotska, L.B., Mabuchi, K., Brenner, A.V., Cahoon, E.K., 2017, Factors associated with serum thyroglobulin in a Ukrainian cohort exposed to iodine-131 from the accident at the Chernobyl Nuclear Plant. *Environ. Res.* 156 801-809.
 178. Kitahara, C.M., Linet, M.S., Balter, S., Miller, D.L., Rajaraman, P., Cahoon, E.K., Velazquez-Kronen, R., Simon, S.L., **Little, M.P.**, Doody, M.M., Alexander, B.H., Preston, D.L., 2017, Occupational radiation exposure and deaths from malignant intracranial neoplasms of the brain and central nervous system in U.S. radiologic technologists, 1983-2012. *Am. J. Roentgenol.* 208 1278-1284. PMID: PMC9270892.
 179. Bazyka, D., Finch, S.C., Iliencko, I.M., Lyaskivska, O., Dyagil, I., Trotsiuk, N., Gudzenko, N., Chumak, V.V., Walsh, K.M., Wiemels, J., **Little, M.P.**, Zablotska, L.B., 2017, Buccal mucosa micronuclei counts in relation to exposure to low dose-rate radiation from the Chornobyl nuclear accident and other medical and occupational radiation exposures. *Environ. Health* 16 70. PMID: PMC5481966.
 180. Finch, S.C., Dyagil, I., Reiss, R.F., Gudzenko, N., Babkina, N., Lyubarets, T., Bebeshko, V., Romanenko, A., Chumak, V.V., Bouville, A., Hatch, M., **Little, M.P.**, Bazyka, D., Zablotska, L.B., 2017, Clinical characteristics of chronic lymphocytic leukemia occurring in Chornobyl cleanup workers. *Hematol. Oncol.* 35 215-224. PMID:

PMC5531054.

181. ***Chernyavskiy, P., Edmondson, E.F., Weil, M.M., **Little, M.P.**, 2017, High-energy particle-beam and gamma radiation exposure, familial relatedness and cancer in mice. *Br. J. Cancer* 117 41-50. PMID: PMC5520205.
182. Cahoon, E.K., Nadyrov, E.A., Polyanskaya, O.N., Yauseyenko, V.V., Veyalkin, I.V., Yeudachkova, T.I., Maskvicheva, T.I., Minenko, V.F., *Liu, W., Drozdovitch, V., Mabuchi, K., **Little, M.P.**, Zablotska, L.B., McConnell, R.J., Hatch, M., Peters, K.O., Rozhko, A.V., Brenner, A.V., 2017, Risk of thyroid nodules in residents of Belarus exposed to Chernobyl fallout as children and adolescents. *J. Clin. Endocrinol. Metab.* 102 2207-2217. PMID: PMC5505199.
183. Tronko, M., Brenner, A.V., Bogdanova, T., Shpak, V., Oliynyk, V., Cahoon, E.K., Drozdovitch, V., **Little, M.P.**, Tereshchenko, V., Zamotayeva, G., Terekhova, G., Zurnadzhi, L., Hatch, M., Mabuchi, K., 2017, Thyroid neoplasia risk is increased nearly 30 years after the Chernobyl accident. *Int. J. Cancer* 141 1585-1588.
184. ***Tran, V., **Little, M.P.**, 2017, Dose and dose rate extrapolation factors for malignant and non-malignant health endpoints after exposure to gamma and neutron radiation. *Radiat. Environ. Biophys.* 56 299-328.
- 185 Hatch, M., **Little, M.P.**, Brenner, A.V., Cahoon, E.K., Tereshchenko, V., Chaikovska, L., Pasteur, I., Likhtarov, I., Bouville, A., Shpak, V., Bolshova, O., Zamotayeva, G., Grantz, K., Sun, L., Mabuchi, K., Albert, P., Tronko, M., 2017, Neonatal outcomes following exposure in utero to fallout from Chernobyl. *Eur. J. Epidemiology* 32 1075-1088. PMID: PMC10433445.
186. Einstein, A.J., Sesso, H.D., Cohen, S.S., Boerma, M., Chambers, C., Darby, S., Gerber, T.C., Hirshfeld, J., **Little, M.P.**, Mulrooney, D.A., Held, K.D., Boice, J.D., 2017, Classification of cardiovascular causes of death for radiation epidemiologic studies: initial application to cohorts of radiation workers, radiographers, and atomic veterans. *Eur. Heart J.* 38 316-317.
- 187 Efanov, A.A., Brenner, A.V., Bogdanova, T.I., Kelly, L.M., Liu, P., **Little, M.P.**, Wald, A.I., Hatch, M., Zurnadzy, L.Y., Nikiforova, M.N., Drozdovitch, V., Mabuchi, K., Tronko, M.D., Chanock, S.J., Nikiforov, Y.E., 2018, Investigation of the relationship between radiation dose and gene mutations and fusions in post-Chernobyl thyroid cancer. *J. Natl Cancer Inst.* 110 371-378. PMID: PMC6059206.
188. ***Chernyavskiy, P., **Little, M.P.**, Rosenberg, P.S., 2018, Correlated Poisson models for age-period-cohort analysis. *Statist. Med.* 37 405-424. PMID: PMC5768446.
189. **Little, M.P.**, ***Lim, H., Friesen, M.C., Preston, D.L., Doody, M.M., Sigurdson, A.J., Neta, G., Alexander, B.H., Chang, L.A., Cahoon, E.K., Simon, S.L., Linet, M.S., Kitahara, C.M., 2018, Assessment of thyroid cancer risk associated with radiation dose from personal diagnostic examinations in a cohort study of US radiologic technologists, followed 1983-2014. *Br. Med. J. Open* 8 e021536. PMID: PMC5961563.
190. Rühm, W., Azizova, T., Bouffler, S., Cullings, H.M., Grosche, B., **Little, M.P.**, Shore, R.S., Walsh, L., Woloschak, G.E., 2018, Typical doses and dose rates in studies pertinent to radiation risk inference at low doses and low dose rates. *J. Radiat. Res.* 59 (S2) ii1-ii10. PMID: PMC5941142.
191. Ojha, J., Dyagil, I., Finch, S.C., Reiss, R.F., de Smith, A.J., Gonseth, S., Zhou, M.,

- Hansen, H.M., Sherborne, A.L., Nakamura, J., Bracci, P.M., Gudzenko, N., Hatch, M., Babkina, N., **Little, M.P.**, Chumak, V.V., Walsh, K.M., Bazyka, D., Wiemels, J.L., Zablotska, L.B., 2018, Genomic characterization of chronic lymphocytic leukemia (CLL) in radiation-exposed Chernobyl cleanup workers. *Environ. Health* 17 43. PMID: PMC5930419
192. Elgart, S.R., **Little, M.P.**, Chappell, L.J., Milder, C.M., Shavers, M.R., Huff, J.L., Patel, Z.S., 2018, Radiation exposure and mortality from cardiovascular disease and cancer in early NASA astronauts. *Sci. Rep.* 8 8480. PMID: PMC5981602.
193. Pinkerton, L.E., Hein, M.J., Anderson, J.L., Christianson, A., **Little, M.P.**, Sigurdson, A.J., Schubauer-Berigan, M.K., 2018, Melanoma, thyroid cancer, and gynecologic cancers in a cohort of female flight attendants. *Am. J. Indust. Med.* 61 572-581.
194. Grajewski, B., Yong, L.C., Bertke, S.J., Bhatti, P., **Little, M.P.**, Ramsey, M.J., Tucker, J.D., Ward, E.M., Whelan, E.A., Sigurdson, A.J., Waters, M.A., 2018, Chromosome translocations and cosmic radiation dose in male U.S. commercial airline pilots. *Aerospace Med. Human Perf.* 89 616-625.
195. **Little, M.P.**, Kitahara, C.M., Cahoon, E.K., Bernier, M.-O., Velazquez-Kronen, R., Doody, M.M., Borrego, D., Miller, J.S., Alexander, B.H., Simon, S.L., Preston, D.L., Meyer, C., Linet, M.S., Hamada, N., 2018, Occupational radiation exposure and glaucoma and macular degeneration in the US radiologic technologists. *Sci. Rep.* 8 10481. PMID: PMC6041262.
196. **Little, M.P.**, Wakeford, R., Borrego, D., French, B., Zablotska, L.B., Adams, M.J., Allodji, R., de Vathaire, F., Lee, C., Brenner, A.V., Miller, J.S., Campbell, D., Pearce, M.S., Doody, M.M., Holmberg, E., Lundell, M., Sadetzki, S., Linet, M.S., Berrington de González, A., 2018, Leukaemia and myeloid malignancy among people exposed to low doses (<100 mSv) of ionising radiation during childhood: a pooled analysis of nine historical cohort studies. *Lancet Haematol.* 5 e346-e358. PMID: PMC6130888.
197. **Little, M.P.**, 2018, Evidence for dose and dose rate effects in human and animal radiation studies. *Annals ICRP* 47 (3-4) 97-112.
198. Delavar, A., Freedman, D.M., Velazquez-Kronen, R., **Little, M.P.**, Kitahara, C.M., Alexander, B.H., Linet, M.S., Cahoon, E.K., 2018, Ultraviolet radiation and incidence of cataracts in a nationwide US cohort. *Ophthalm. Epidemiol.* 25 403-411. PMID: PMC10655928.
199. Kitahara, C.M., Preston, D.L., Neta, G., **Little, M.P.**, Doody, M.M., Simon, S.L., Sigurdson, A.J., Alexander, B.H., Linet, M.S., 2018, Occupational radiation exposure and thyroid cancer incidence in a cohort of U.S. radiologic technologists, 1983-2013. *Int. J. Cancer* 143 2145-2149. PMID: PMC6054904.
200. Kendall, G.M., ***Chernyavskiy, P., Appleton, J.D., Miles, J.C.H., Wakeford, R., Athanson, M., Vincent, T.J., McColl, N.P., **Little, M.P.**, 2018, Modelling the bimodal distribution of indoor gamma-ray dose-rates in Great Britain. *Radiat. Environ. Biophys.* 57 321-347.
201. **Little, M.P.**, Tatalovich, Z., Linet, M.S., *Fang, M., Kendall, G.M., Kimlin, M.G., 2018, Improving assessment of lifetime solar ultraviolet radiation exposure in epidemiologic studies: comparison of ultraviolet exposure assessment methods in a nationwide U.S. occupational cohort. *Photochem. Photobiol.* 94 1297-1307.

202. **Little, M.P.**, Kitahara, C.M., Cahoon, E.K., Bernier, M.-O., Velazquez-Kronen, R., Doody, M.M., Borrego, D., Miller, J.S., Alexander, B.H., Simon, S.L., Preston, D.L., Hamada, N., Linet, M.S., Meyer, C., 2018, Occupational radiation exposure and risk of cataract incidence in a cohort of US radiologic technologists. *Eur. J. Epidemiol.* 33 1179-1191. PMID: PMC10645574.
203. Hatch, M., Brenner, A.V., Cahoon, E.K., Drozdovitch, V., **Little, M.P.**, Bogdanova, T., Shpak, V., Bolshova, E., Zamotayeva, G., Terekhova, G., Shelkovoy, E., Klochkova, V., Mabuchi, K., Tronko, M., 2019, Thyroid cancer and benign nodules after exposure *in utero* to fallout from Chernobyl. *J. Clin. Endocrinol. Metab.* 104 41-48. PMID: PMC6456983.
204. Hamada, N., Azizova, T.V., **Little, M.P.**, 2019, Glaucomagenesis following ionizing radiation exposure. *Mut. Res. Reviews* 779 36-44. PMID: PMC10654893.
205. ***Chernyavskiy, P., Kennerley, V.M., Jemal, A., **Little, M.P.**, Rosenberg, P.S., 2019, Heterogeneity of colon and rectum cancer incidence across 612 SEER counties, 2000-2014. *Int. J. Cancer* 144 1786-1795. PMID: PMC10667616.
206. ***Chernyavskiy, P., **Little, M.P.**, Rosenberg, P.S., 2019, A unified approach for assessing heterogeneity in age-period-cohort model parameters using random effects. *Stat. Methods Med. Res.* 28 20-34.
207. **Little, M.P.**, *Fang, M., ***Liu, J.J., *Weideman, A.M., Linet, M.S., 2019, Inflammatory disease and C-reactive protein in relation to therapeutic ionising radiation exposure in the US Radiologic Technologists. *Sci. Rep.* 9 4891. PMID: PMC6426979.
208. Perduca, V., Alexandrov, L.B., Kelly-Irving, M., Delpierre, C., Omichessan, O., **Little, M.P.**, Vineis, P., Severi, G., 2019, Stem cell replication, somatic mutations and role of randomness in the development of cancer. *Eur. J. Epidemiol.* 34 439-445. PMID: PMC10654895.
209. Velazquez-Kronen, R., Borrego, D., Gilbert, E.S., Miller, D.L., Moysich, K.B., Freudenheim, J.L., Wactawski-Wende, J., Cahoon, E.K., **Little, M.P.**, Millen, A.E., Balter, S., Alexander, B.H., Simon, S.L., Linet, M.S., Kitahara, C.M., 2019, Cataract risk in US radiologic technologists assisting with fluoroscopically guided interventional procedures: a retrospective cohort study. *Occup. Environ. Med.* 76 317-325. PMID: PMC6686674.
210. Lenarczyk, M., Kronenberg, A., Mäder, M., North, P.E., Komorowski, R., Cheng, Q., **Little, M.P.**, Chiang, I.-H., LaTessa, C., Jardine, J., Baker, J.E., 2019, Age at exposure to radiation determines severity of renal and cardiac disease in rats. *Radiat. Res.* 192 63-74. PMID: PMC10654917.
211. Lee, C., Journy, N., Moroz, B.E., **Little, M.**, Harbron, R., McHugh, K., Pearce, M., Berrington de Gonzalez, A., 2019, Organ dose estimation accounting for uncertainty for pediatric and young adult CT scans in the United Kingdom. *Radiat. Prot. Dosimetry* 184 44-53. PMID: PMC6657815.
212. Hamada, N., Azizova, T.V., **Little, M.P.**, 2019, An update on effects of ionizing radiation exposure on the eye. *Br. J. Radiol.* 93 20190829. PMID: PMC8519632.
213. **Little, M.P.**, Linet, M.S., Kimlin, M.G., **/**Lee, T., Tatalovich, Z., Sigurdson, A.J., Cahoon, E.K., 2019, Cumulative solar ultraviolet radiation exposure and basal cell carcinoma of the skin in a nationwide US cohort using satellite and ground-based

measures. *Environ. Health* 18 114. PMID: PMC6935112.

214. **Little, M.P.**, Cahoon, E.K., Kitahara, C.M., Simon, S.L., Hamada, N., Linet, M.S., 2020, Occupational radiation exposure and excess additive risk of cataract incidence in a cohort of US radiologic technologists. *Occup. Environ. Med.* 77 1-8. PMID: PMC10673645.
215. Mazzei-Abba, A., Folly, C.L., Coste, A., Wakeford, R., **Little, M.P.**, Raaschou-Nielsen, O., Kendall, G., Hémon, D., Nikkilä, A., Spix, C., Auvinen, A., Spycher, B.D., 2020, Epidemiological studies of natural sources of radiation and childhood cancer: current challenges and future perspectives. *J. Radiol. Prot.* 40 R1-R22. PMID: PMC10654695.
216. Yauseyenko, V., Drozdovitch, V., Ostroumova, E., Polyanskaya, O., Minenko, V., Brenner, A., Hatch, M., **Little, M.P.**, Cahoon, E.K., Kukhta, T., Starastsenka, L., Grakovitch, R., Cheshik, A., Veyalkin, I., Rozhko, A., Mabuchi, K., 2020, Belarusian *in utero* cohort: new opportunity to evaluate health effects of prenatal and early-life exposure to ionising radiation. *J. Radiol. Prot.* 40 280-295. PMID: PMC9425727.
217. Berrington de Gonzalez, A., Daniels, R.D., Cardis, E., Cullings, H.M., Gilbert, E., Hauptmann, M., Kendall, G., Laurier, D., Linet, M.S., **Little, M.P.**, Lubin, J.H., Preston, D.L., Richardson, D.B., Stram, D., Thierry-Chef, I., Schubauer-Berigan, M.K., 2020, Epidemiological studies of low-dose ionizing radiation and cancer: rationale for the monograph and overview of eligible studies. *J. Natl Cancer Inst. Monogr.* 56 97-113. PMID: PMC7610154.
218. Gilbert, E.S., **Little, M.P.**, Preston, D.L., Stram, D.O., 2020, Issues in interpreting epidemiologic studies of populations exposed to low-dose, high-energy photon radiation. *J. Natl Cancer Inst. Monogr.* 56 176-187. PMID: PMC7355296.
219. Hauptmann, M., Daniels, R.D., Cardis, E., Cullings, H.M., Kendall, G., Laurier, D., Linet, M.S., **Little, M.P.**, Lubin, J.H., Preston, D.L., Richardson, D.B., Stram, D.O., Thierry-Chef, I., Schubauer-Berigan, M.K., Gilbert, E.S., Berrington de Gonzalez, A., 2020, Epidemiological studies of low-dose ionizing radiation and cancer: summary bias assessment and meta-analysis. *J. Natl Cancer Inst. Monogr.* 56 188-200. PMID: PMC8454205.
220. **Little, M.P.**, *Patel, A., Hamada, N., Albert, P., 2020, Analysis of cataract in relationship to occupational radiation dose accounting for dosimetric uncertainties in a cohort of U.S. radiologic technologists. *Radiat. Res.* 194 153-161. PMID: PMC10656143.
221. **Little, M.P.**, Pawel, D., Misumi, M., Hamada, N., Cullings, H., Wakeford, R., Ozasa, K., 2020, Lifetime mortality risk from cancer and circulatory disease predicted from the Japanese atomic bomb survivor Life Span Study data taking account of dose measurement error. *Radiat. Res.* 194 259-276. PMID: PMC7646983.
222. Richardson, D.B., Abalo, K., Bernier, M.-O., Rage, E., Leuraud, K., Laurier, D., Keil, A.P., **Little, M.P.**, 2020, Meta-analysis of published excess relative risk estimates. *Radiat. Environ. Biophys.* 59 631-641. PMID: PMC10659128.
223. Linet, M.S., **Little, M.P.**, Kitahara, C.M., Cahoon, E.K., Doody, M.M., Simon, S.L., Alexander, B.H., Preston, D.L., 2020, Occupational radiation and haematopoietic malignancy mortality in the retrospective cohort study of US radiologic technologists, 1983–2012. *Occup. Environ. Med.* 77 822-831. PMID: PMC8527846.
224. ***Chernyavskiy, P., **Little, M.P.**, Rosenberg, P.S., 2020, Spatially-varying age-period-cohort analysis with application to US mortality, 2002-2016. *Biostatistics* 21 845-859.

PMCID: PMC8966899.

225. Bazyka, D., Hatch, M., Gudzenko, N., Cahoon, E.K., Drozdovitch, V., **Little, M.P.**, Chumak, V., Bakhanova, E., Belyi, D., Kryuchkov, V., Golovanov, I., Mabuchi, K., Illienko, I., Belayev, Y., Bodelon, C., Machiela, M.J., Hutchinson, A., Yeager, M., Berrington de Gonzalez, A., Chanock, S.J., 2020, Field study of the possible effect of parental irradiation on the germline of children born to cleanup workers and evacuees of the Chernobyl nuclear accident. *Am. J. Epidemiol.* 189 1451-1460. PMCID: PMC7822640.
226. **Little, M.P.**, Zhang, W., van Dusen, R., Hamada, N., 2021, Pneumonia after bacterial or viral infection preceded or followed by radiation exposure: a reanalysis of older radiobiological data and implications for low dose radiotherapy for Coronavirus disease 2019 pneumonia. *Int. J. Radiat. Oncol. Biol. Phys.* 109 849-858. PMCID: PMC7527825.
227. Tapio, S., **Little, M.P.**, Kaiser, J.C., Impens, N., Hamada, N., Georgakilas, A.G., Simar, D., Salomaa, S., 2021, Ionizing radiation-induced circulatory and metabolic diseases. *Environ. Int.* 146 106235. PMCID: PMC10686049.
228. Allodji, R.S., Tucker, M.A., Hawkins, M.M., Le Deley, M.-C., Veres, C., Weathers, R., Howell, R., Winter, D., Haddy, N., Rubino, C., Diallo, I., **Little, M.P.**, Morton, L.M., de Vathaire, F., 2021, Role of radiotherapy and chemotherapy in the risk of leukemia after childhood cancer: an international pooled analysis. *Int. J. Cancer* 148 2079-2089. PMCID: PMC8174089.
229. **Little, M.P.**, Wakeford, R., Hatch, M., Ainsbury, E.A., Tawn, E. J., 2021, Chromosome aberrations in a group of people exposed to radioactive releases from the Three Mile Island nuclear accident and inferences for radiation effects. *Radiat. Res.* 195 584-589. PMCID: PMC8244829.
230. Yeager, M., Machiela, M.J., Kothiyal, P., Dean, M., Bodelon, C., Suman, S., Wang, M., Mirabello, L., Nelson, C.W., Zhou, W., Palmer, C., Ballew, B., Colli, L.M., Freedman, N.D., Dagnall, C., Hutchinson, A., Vij, V., Maruvka, Y., Hatch, M., Illienko, I., Belayev, Y., Nakamura, N., Chumak, V., Bakhanova, E., Belyi, D., Kryuchkov, V., Golovanov, I., Gudzenko, N., Cahoon, E.K., Albert, P., Drozdovitch, V., **Little, M.P.**, Mabuchi, K., Stewart, C., Getz, G., Bazyka, D., Berrington de Gonzalez, A., Chanock, S.J., 2021, Lack of transgenerational effects of ionizing radiation exposure from the Chernobyl accident. *Science* 372 725-729. PMCID: PMC9398532.
231. Kendall, G.M., **Little, M.P.**, Wakeford, R., 2021, A review of studies of childhood cancer and natural background radiation. *Int. J. Radiat. Biol.* 97 769-781. PMCID: PMC10686050.
232. **Little, M.P.**, Azizova, T.V., Hamada, N., 2021, Low- and moderate-dose non-cancer effects of ionizing radiation in directly exposed individuals, especially circulatory and ocular diseases: a review of the epidemiology. *Int. J. Radiat. Biol.* 97 782-803. PMCID: PMC10656152.
233. Preston, R.J., Rühm, W., Azzam, E.I., Boice, J.D., Bouffler, S., Held, K.D., **Little, M.P.**, Shore, R.E., Shuryak, I., Weil, M.M., 2021, Adverse outcome pathways, key events, and radiation risk assessment. *Int. J. Radiat. Biol.* 97 804-814. PMCID: PMC10666972.
234. Laiakis, E.C., Chauhan, V., **Little, M.P.**, Woloschak, G.E., Weil, M.M., Hamada, N., 2021, Summary of the Second Bill Morgan Memorial Symposium: an update on low

- dose biology, epidemiology, its integration and implications for radiation protection. *Int. J. Radiat. Biol.* 97 861-865. PMID: PMC10655691.
235. Milder, C.M., Kendall, G.M., ***Arsham, A., Schöllnberger, H., Wakeford, R., Cullings, H.M., **Little, M.P.**, 2021, Summary of Radiation Research Society Online 66th Annual Meeting, Symposium on “Epidemiology: Updates on epidemiological low dose studies”, including discussion. *Int. J. Radiat. Biol.* 97 866-873. PMID: PMC8165006.
 236. **Little, M.P.**, Pawel, D.J., Abalo, K., Hauptmann, M., 2021, Methodological improvements to meta-analysis of low dose rate studies and derivation of dose and dose-rate effectiveness factors. *Radiat. Environ. Biophys.* 60 485-491. PMID: PMC10656154.
 237. **Little, M.P.**, Wakeford, R., Zablotska, L.B., Borrego, D., Griffin, K.T., Allodji, R.S., de Vathaire, F., Lee, C., Brenner, A.V., Miller, J.S., Campbell, D., Sadetzki, S., Doody, M.M., Holmberg, E., Lundell, M., Adams, M.J., French, B., Linet, M.S., Berrington de Gonzalez, A., 2021, Lymphoma and multiple myeloma in cohorts of persons exposed to ionising radiation at a young age. *Leukemia* 35 2906-2916. PMID: PMC8484030.
 238. **Little, M.P.**, **/**Lee, T., Kimlin, M.G., Kitahara, C.M., Zhang, R., Alexander, B.H., Linet, M.S., Cahoon, E.K., 2021, Lifetime ambient UV radiation exposure and risk of basal cell carcinoma by anatomic site in a nationwide U.S. cohort, 1983-2005. *Cancer Epidemiol. Biomarkers Prevent.* 30 1932-1946. PMID: PMC8492548.
 239. Chumak, V., Bakhanova, E., Kryuchkov, V., Golovanov, I., ***Chizhov, K., Bazyka, D., Gudzenko, N., Trotsuk, N., Mabuchi, K., Hatch, M., Cahoon, E.K., **Little, M.P.**, Kukhta, T., Berrington de Gonzalez, A., Chanock, S.J., Drozdovitch, V., 2021, Estimation of radiation gonadal doses for the American-Ukrainian trio study of parental irradiation in Chernobyl cleanup workers and evacuees and germline mutations in their offspring. *J. Radiol. Prot.* 41 764-791. PMID: PMC9426296.
 240. Reynolds, R., **Little, M.P.**, Day, S., Charvat, J., Blattnig, S., Huff, J., Patel, Z.S., 2021, Cancer incidence and mortality in the USA Astronaut Corps, 1959-2017. *Occup. Environ. Med.* 78 869-875.
 241. Mai, Z.-M., Byrne, S.N., **Little, M.P.**, Sargen, M.R., Cahoon, E.K., 2021, Solar UVR and variations in systemic immune and inflammation markers. *JID Innovations* 1 100055. PMID: PMC8659735.
 242. Drozdovitch, V., Yauseyenko, V.V., Minenko, V.F., Veyalkin, I.V., Kukhta, T.S., Grakovitch, R.I., Trofimik, S., Polyanskaya, O.N., Starastsenka, L., Cahoon, E.K., Hatch, M., **Little, M.P.**, Brenner, A.V., Ostroumova, E., Mabuchi, K., Rozhko, A.V., 2021, Thyroid screening and reliability of radiation thyroid doses for the Belarusian *in utero* cohort. *Probl. Radiac. Med. Radiobiol.* 26 188-198. PMID: PMC9476699.
 243. ***Chizhov, K., Kryuchkov, V., Chumak, V., Lee, C., Drozdovitch, V., Cahoon, E., Vij, V., Zhang, R., Kryuchkov, V., Golovanov, I., Bakhanova, E., Gudzenko, N., Bazyka, D., **Little, M.**, 2021, Application of random forest algorithm for dose reconstruction based on classification of clean-up workers of the ChNPP accident. *Med. Phys.* 48 e211-e212.
 244. Chirikova, E., Cahoon, E.K., Rozhko, A., Drozdovitch, V., **Little, M.P.**, McConnell, R.J., Minenko, V., Veyalkin, I., Yauseyenko, V., Hatch, M., O’Kane, P., Zablotska, L.B., 2021, Association between ¹³¹I exposure after the Chernobyl accident and thyroid

- volume in children in Belarus. *J. Endocr. Soc.* 5 supp 1 e856-e857. PMID: PMC8089510.
245. **Little, M.P.**, Wakeford, R., Bouffler, S.D., Abalo, K., Hauptmann, M., Hamada, N., Kendall, G.M., 2022, Review of the risk of cancer following low and moderate doses of sparsely ionising radiation received in early life in groups with individually estimated doses. *Environ. Internat.* 159 106983. PMID: PMC9118883.
 246. **Little, M.P.**, *Patel, A., Lee, C., Hauptmann, M., Berrington de Gonzalez, A., Albert, P., 2022, Impact of reverse causation on estimates of cancer risk associated with radiation exposure from computerized tomography: a simulation study modeled on brain cancer. *Am. J. Epidemiol.* 191 173-181. PMID: PMC8898001.
 247. Chirikova, E., McConnell, R.J., O’Kane, P., Yauseyenko, V., **Little, M.P.**, Minenko, V., Drozdovitch, V., Veyalkin, I., Hatch, M., Chan, J.M., Huang, C.-Y., Mabuchi, K., Cahoon, E.K., Rozhko, A., Zablotska, L.B., 2022, Association between exposure to radioactive iodine after the Chernobyl accident and thyroid volume in Belarus 10-15 years later. *Environ. Health* 21 5. PMID: PMC8742457.
 248. Gudzenko, N., Mabuchi, K., Brenner, A.V., **Little, M.P.**, Hatch, M., Drozdovitch, V., Vij, V., Chumak, V., Bakhanova, E., Trotsyuk, N., Kryuchkov, V., Golovanov, I., Bazyka, D., Cahoon, E.K., 2022, Risk of thyroid cancer in Ukrainian cleanup workers following the Chornobyl accident. *Eur. J. Epidemiol.* 37, 67-77. PMID: PMC10655930.
 249. **Little, M.P.**, Wakeford, R., Bouffler, S.D., Abalo, K., Hauptmann, M., Hamada, N., Kendall, G.M., 2022, Cancer risks among studies of medical diagnostic radiation exposure in early life without quantitative estimates of dose. *Sci. Tot. Environ.* 832 154723. PMID: PMC9167801.
 250. Cahoon, E.K., Preston, D., Zhang, R., Vij, V., **Little, M.P.**, Mabuchi, K., Drozdovitch, V., ***Chizhov, K., Yauseyenko, V.V., Rozhko, A.V., Velalkin, I.V., 2022, Breast cancer risk in residents of Belarus exposed to Chernobyl fallout while pregnant or lactating: standardized incidence ratio analysis, 1997 to 2016. *Int. J. Epidemiol.* 51 547-554. PMID: PMC9082790.
 251. Mai, J.Z., Zhang, R., Sargen, M.R., **Little, M.P.**, Alexander, B.H., Tucker, M.A., Kitahara, C.M., Cahoon, E.K., 2022, Reproductive factors, hormone use, and incidence of melanoma in a cohort of US Radiologic Technologists. *Hum. Reproduction* 37 1059-1067. PMID: PMC9308393.
 252. Huff, J.L., Plante, I., Blattnig, S.R., Norman, R.B., **Little, M.P.**, Amit Khera, A., Simonsen, L.C., Patel, Z.S., 2022, Cardiovascular disease risk modeling for astronauts: making the leap from earth to space. *Front. Cardiovasc. Med.* 9 873597. PMID: PMC9161032.
 253. **Little, M.P.**, Rosenberg, P.S., ***Arsham, A., 2022, Alternative stopping rules to limit tree expansion for random forest models. *Sci. Rep.* 12 15113. PMID: PMC9448733.
 254. **Little, M.P.**, Cahoon, E.K., Gudzenko, N., Mabuchi, K., Drozdovitch, V., Hatch, M., Brenner, A.V., Vij, V., ***Chizhov, K., Bakhanova, E., Trotsyuk, N., Kryuchkov, V., Golovanov, I., Chumak, V., Bazyka, D., 2022, Impact of uncertainties in exposure assessment on thyroid cancer risk among cleanup workers in Ukraine exposed due to the Chornobyl accident. *Eur. J. Epidemiol.* 37, 837-847, 881-883. PMID:

PMC10641599 + PMCID: PMC10646971.

255. Mai, J.Z., Kitahara, C.M., Sargen, M.R., **Little, M.P.**, Alexander, B.H., Linet, M.S., Tucker, M.A., Cahoon, E.K., 2022, Use of nonsteroidal anti-inflammatory drugs and incidence of melanoma in the United States Radiologic Technologists study. *Cancer Prev. Res. (Phila.)* 15, 727-732. PMCID: PMC9633366.
256. **Little, M.P.**, Brenner, A.V., Grant, E.J., Sugiyama, H., Preston, D.L., Sakata, R., Cologne, J., Velazquez-Kronen, R., Utada, M., Mabuchi, K., Ozasa, K., Olson, J.D., Dugan, G.O., Pazzaglia, S., Cline, J.M., Applegate, K.E., 2022, Age effects on radiation response: summary of a recent symposium and future perspectives. *Int. J. Radiat. Biol.* 98, 1673-1683. PMCID: PMC9626395.
257. **Little, M.P.**, Hamada, N., 2022, Low-dose extrapolation factors implied by mortality and incidence data from the Japanese atomic bomb survivor Life Span Study data. *Radiat. Res.* 198, 582-589. PMCID: PMC9797579.
258. Vij, V., Shpak, V., Zamotayeva, G., Lapikura, O., Ryzhov, A., Gorokh, E., Zhang, R., Mabuchi, K., **Little, M.P.**, Drozdovitch, V., ***Chizhov, K., Masuik, S., Preston, D., Tronko, M., Cahoon, E.K., 2022. Breast cancer risk in Ukrainian women exposed to Chernobyl fallout while pregnant or lactating: standardized incidence ratio analysis, 1998 to 2016. *Eur. J. Epidemiol.* 37, 1195-1200. PMCID: PMC10655931.
259. Masiuk, S., Chepurny, M., Buderatska, V, Ivanova, O, Boiko, Z., Zhadan, N., Mabuchi, K., Cahoon, E.K., **Little, M.P.**, Kukush, A., Bogdanova, T., Shpak, V., Zamotayeva, G., Tronko, M., Drozdovitch, V., 2023, Exposure to the thyroid from intake of radioiodine isotopes after the Chernobyl accident. Report I: revised doses and associated uncertainties for the Ukrainian-American cohort. *Radiat. Res.* 199, 61-73.
260. **Little, M.P.**, Zhang, W., van Dusen, R., Hamada, N., Bugden, M., Cao, M., Thomas, K., Li, D., Wang, Y., Chandrashekar, M., Khan, M.K., Coleman, C.N., 2023, Low-dose radiotherapy for COVID-19 pneumonia and cancer: summary of a recent symposium and future perspectives. *Int. J. Radiat. Biol.* 99, 353-371.
261. **Little, M.P.**, Azizova, T.V., Richardson, D.B., Tapio, S., Bernier, M.-O., Kreuzer, M., Cucinotta, F.A., Bazyka, D., Chumak, V., Ivanov, V.K., Veiga, L.H.S., Livinski, A., Abalo, K., Zablotska, L.B., Einstein, A.J., Hamada, N., 2023. Ionising radiation and cardiovascular disease: systematic review and meta-analysis. *BMJ* 380, e072924. PMCID: PMC10535030.
262. ***Arsham, A., Rosenberg, P., **Little, M.**, 2023, Effects of stopping criterion on the growth of trees in regression random forests. *New Engl. J. Stat. Data Sci.* 1 46-61. PMCID: PMC10659741.
263. Abalo, K.D., Malekzadeh-Milani, S., Hascoët, S., Dreuil, S., Feuillet, T., Damon, C., Bouvaist, H., Bouzguenda, I., Cohen, S., Dauphin, C., Di Filippo, S., Douchin, S., Godart, F., Guérin, P., Helms, P., Karsenty, C., Lefort, B., Mauran, P., Ovaert, C., Piéchaud, J.-F., Thambo, J.-B., Lee, C., **Little, M.P.**, Bonnet, D., Bernier, M.-O., Rage, E., 2023, Lympho-hematopoietic malignancies risk after exposure to low dose ionizing radiation during cardiac catheterization in childhood. *Eur. J. Epidemiol.* 38, 821-834.
264. **Little, M.P.**, Hamada, N., Zablotska, L.B., 2023, A generalisation of the method of regression calibration. *Sci. Rep.* 13, 15127. PMCID: PMC10499875.
265. **Little, M.P.**, Wakeford, R., Zablotska, L.B., Borrego, D., Griffin, K.T., Allodji, R.S.,

- de Vathaire, F., Lee, C., Brenner, A.V., Miller, J.S., Campbell, D., Pearce, M.S., Sadetzki, S., Doody, M.M., Holmberg, E., Lundell, M., French, B., Adams, M.J., Berrington de Gonzalez, A., Linet, M.S., 2023, Radiation exposure and leukaemia risk among cohorts of persons exposed to low and moderate doses of external ionising radiation in childhood. *Br. J. Cancer* 129, 1152-1165.
266. Emami, P., Gaudreau, K., **Little, M.P.**, Lee, C., Moroz, B., Boreham, D.R., Thome, C., 2024, Assessment of cataract risk after diagnostic head CT scan radiation exposure in Ontario, Canada. *Radiat. Res.* 201, 1-6.
267. **Little, M.P.**, Eidemüller, M., Kaiser, J.C., Apostoaei, A.I., 2024, Minimum latency effects for cancer associated with exposures to radiation or other carcinogens. *Br. J. Cancer* 130, 819-829.
268. **Little, M.P.**, Hamada, N., Zablotska, L.B., 2024, A generalisation of the method of regression calibration and comparison with Bayesian and frequentist model averaging methods. *Sci. Rep.* 14, 6613.
269. Thariat, J., **Little, M.P.**, Zablotska, L.B., Samson, P., O'Banion, M.K., Leuraud, K., Bergom, C., Girault, G., Azimzadeh, O., Bouffler, S., Hamada, N., 2024, Radiotherapy for non-cancer diseases: benefits and long-term risks. *Int. J. Radiat. Biol.* 100, 505-526.
270. Lee, C., Moroz, B., Thome, C., Gaudreau, K., Emami, P., **Little, M.P.**, 2024, Reconstruction of organ doses for patients undergoing computed tomography examinations in Canada 1992-2019. *Radiat. Prot. Dosimetry* 200, 379-386.
271. McConnell, R.J., Kamysh, O., O'Kane, P.L., Greenebaum, E., Rozhko, A.V., Yauseyenko, V.V., Minenko, V.F., Drozdovitch, V., Yarets, Y., Kukhta, T., Mabuchi, K., **Little, M.P.**, Cahoon, E.K., Zablotska, L.B., 2024, Radiation dose does not affect the predictive value of thyroid biopsy for diagnosing papillary thyroid cancer in a Belarusian cohort exposed to Chernobyl fallout. *Acta Cytol.* 68, 34-44.
272. **Little, M.P.**, Mai, J.Z., *Fang, M., ***Chernyavskiy, P., Kennerley, V., Cahoon, E.K., Cockburn, M.G., Kendall, G.M., Kimlin, M.G., 2024, Solar ultraviolet radiation exposure, and incidence of childhood acute lymphocytic leukaemia and non-Hodgkin lymphoma in a US population-based dataset. *Br. J. Cancer* 130, 1441-1452.
273. **Little, M.P.**, Boerma, M., Bernier, M.-O., Azizova, T.V., Zablotska, L.B., Einstein, A.J., Hamada, N., 2024, Effects of confounding and effect-modifying lifestyle, environmental and medical factors on risk of radiation-associated cardiovascular disease. *BMC Publ. Health* 24, 1601.
274. Zablotska, L.B., **Little, M.P.**, Hamada, N., 2024, Revisiting an inverse dose-fractionation effect of ionizing radiation exposure for ischemic heart disease: insights from recent studies. *Radiat. Res.* 202, 80-86.
275. Cahoon, E.K., Grimm, E., Mabuchi, K., Mai, J.Z., Zhang, R., Drozdovitch, V., Hatch, M., **Little, M.P.**, Peters, K.O., Bogdanova, T.I., Shelkovoy, E., Shpak, V.M., Terekhova, G., Zamotayeva, G., Pasteur, I.P., Masiuk, S.V., Chepurny, M., Zablotska, L.B., McConnell, R., O'Kane, P., Tronko, M.D., Brenner, A.V., 2024, Prevalence of thyroid nodules in residents of Ukraine exposed as children or adolescents to iodine-131 from the Chernobyl accident. *Thyroid* 34, 890-898.
276. **Little, M.P.**, Bazyka, D., Berrington de Gonzalez, A., Brenner, A.V., Chumak, V.V., Cullings, H.M., Daniels, R.D., French, B., Grant, E., Hamada, N., Hauptmann, M.,

- Kendall, G.M., Laurier, D., Lee, C., Lee, W.J., Linet, M.S., Mabuchi, K., Morton, L.M., Muirhead, C.R., Preston, D.L., Rajaraman, P., Richardson, D.B., Sakata, R., Samet, J.M., Simon, S.L., Sugiyama, H., Wakeford, R., Zablotska, L.B., 2024, A historical survey of key epidemiological studies of ionizing radiation exposure. *Radiat. Res.* 202, 432-487.
277. Bellamy, M.B., Bernstein, J.L., Cullings, H.M., French, B., Grogan, H.A., Held, K.D., **Little, M.P.**, Tekwe, C.D., 2024, Recommendations on statistical approaches to account for dose uncertainties in radiation epidemiologic risk models. *Int. J. Radiat. Biol.* 100, 1393-1404.
278. Jahng, J.W.S., **Little, M.P.**, No, H.J., Loo Jr, B.W., Wu, J.C., 2024, Consequences of ionizing radiation exposure to the cardiovascular system. *Nature Rev. Cardiol.* 21, 880-898.
279. Kendall, G.M., Appleton, J.D., ***Chernyavskiy, P., ***Arsham, A., **Little, M.P.**, 2025, Machine learning techniques for the prediction of indoor gamma-ray dose rates – Strengths, weaknesses and implications for epidemiology. *J. Environ. Radioact.* 282 107595.
280. Hamada, N., Matsuya, Y., Zablotska, L.B., **Little, M.P.**, 2025, Inverse dose protraction effects of low-LET radiation: evidence and significance. *Mut. Res. Reviews* 795 108531.
281. Hamada, N., Matsuya, Y., Zablotska, L.B., **Little, M.P.**, 2025, Inverse dose protraction effects of high-LET radiation: evidence and significance. *Mut. Res. Reviews* 795 108530.
282. **Little, M.P.**, Hamada, N., Cullings, H.M., 2025, Analysis of departures from linearity in the dose response for Japanese atomic bomb survivor solid cancer mortality and cancer incidence data and assessment of low-dose extrapolation factors. *Radiat Res.* 203, 115-127.
283. Saigusa, Y., **Little, M.P.**, Azimzadeh, O., Hamada, N., 2025, Biological effects of high-LET irradiation on the circulatory system. *Int. J. Radiat. Biol.* 101 429-452.
284. Zablotska, L.B., McConnell, R.J., Rozhko, A.V., O'Kane, P., Yauseyenko, V., **Little, M.P.**, Mینenko, V., Drozdovitch, V., Moskvicheva, T., Hatch, M., Yeudachkova, T., Mabuchi, K., Cahoon, E.K., 2025, Validation of established thyroid ultrasound volume norms in a Chernobyl cohort. *Eur. Thyroid J.* 14 e250085.
285. Mai, J.Z., Kitahara, C.M., Sargen, M.R., **Little, M.P.**, Alexander, B.H., Linet, M.S., Cahoon, E.K., 2025, Residential ambient ultraviolet B and ultraviolet A and incidence of keratinocyte carcinoma in the nationwide US Radiologic Technologists cohort. *Br. J. Dermatol.* 193 678-686.
286. **Little, M.P.**, Hamada, N., Zablotska, L.B., 2025, A comparison of two different methods of Bayesian model averaging for assessing the effects of covariate measurement errors. *Int. J. Radiat. Biol.* 101 991-998.
287. Rajaraman, P., Breitbart, A.K., Utada, M., Asrafuzzaman, S., Berrington de Gonzalez, A., Hamada, N., **Little, M.P.**, 2025, Factors governing individual response to ionizing radiation and risk of diseases of the circulatory system: human epidemiological studies. *Int. J. Radiat. Biol.* 101 1085-1097.

288. Mabuchi, K., Mai, J.Z., Yauseyenko, V.V., Brenner, A.V., **Little, M.P.**, Minenko, V.F., Veyalkin, I., Kukhta, T.S., Trofimik, S., Drobyshevskaya, V., Vij, V., Ostroumova, E., Hatch, M., Drozdovitch, V., Cahoon, E.K., Rozhko, A.V., 2026, Thyroid nodules after prenatal exposure to chernobyl radioactive fallout in Belarus. *Int. J. Radiat. Biol.* 102 20-26.
289. **Little, M.P.**, Mai, J.Z., Barnholtz-Sloan, J.S., Linet, M.S., *Fang, M., ***Chernyavskiy, P., Kennerley, V., Cahoon, E.K., Cockburn, M.G., Kendall, G.M., Kimlin, M.G., 2026, Solar ultraviolet radiation exposure, and incidence of childhood (0-19 years) malignant and non-malignant brain tumour in a US population-based dataset, 2000-2021. *Eur. J. Epidemiol.* in press.
290. Kwon, T.-E., Preston, D.L., Milder, C.M., Borrego, D., **Little, M.P.**, Alexander, B.H., Miller, J.S., Linet, M.S., Kitahara, C.M., Lee, C., 2026, 100 years of personal badge radiation doses in a cohort of U.S. radiologic technologists: expanded and updated reconstruction, 1916-2020. *Radiat. Res.*, in press.
291. Burt, J.J., Berrington de Gonzalez, A., Brenner, A.V., Cabianca, T., Daniels, R.D., Furukawa, K., Leuraud, K., **Little, M.P.**, Pawel, D., Randhawa, K., Richardson, D.B., 2026, Ionizing radiation and cancer: a United Nations review of the recent epidemiological evidence. *Lancet Oncol.*, in press.
292. Bustamante, G., **Little, M.P.**, MacLehose, R.F., Ramirez, M.R., Miller, J., Osypuk, T.L., Kitahara, C.M., Linet, M.S., Alexander, B., 2026, Association between low-to-moderate chronic radiation exposure and circulatory disease mortality in a large cohort of radiologic technologists. *Occup. Environ. Med.* To be resubmitted.
293. **Little, M.P.**, Preston, D.L., Kitahara, C.M., Freedman, D.M., Simon, S.L., Alexander, B.H., Miller, J.S., **/**Lee, T., ***Liu, J.J., Rajaraman, P., Sigurdson, A.J., Lipshultz, S.E., Doody, M.M., Linet, M.S., 2026, Circulatory disease mortality after low-dose occupational radiation exposures in US radiologic technologists. *Int. J. Epidemiol.* To be resubmitted.

Letters

1. **Little, M.P.**, Charles, M.W., 1991. Absence of risk associated with exposure to radiation before conception in Japan. *Br. Med. J.* 302 1404. PMID: PMC1670080.
2. **Little, M.P.**, Charles, M.W., 1991. Selection effects in the Japanese bomb survivors. *Int. J. Radiat. Biol.* 59 1483.
3. **Little, M.P.**, Kendall, G.M., Muirhead, C.R., 1994. Letter to the editor. *J. Radiol. Prot.* 14 279-280.
4. **Little, M.P.**, Hawkins, M.M., Charles, M.W., Hildreth, N.G., 1994. Corrections to the paper "Fitting the Armitage-Doll model to radiation-exposed cohorts and implications for population cancer risks". *Radiat. Res.* 137 124-128.
5. **Little, M.**, Wakeford, R., Charles, M., 1995. Paternal irradiation and childhood leukaemia. *Br. Med. J.* 310 1198.
6. **Little, M.**, Sharp C., 1996. Factors affecting recognition of cancer risks of nuclear workers. *Occup. Environ. Med.* 53 502-503.
7. **Little, M.**, Sharp C., 1996. Risk of thyroid nodules in subjects occupationally exposed to radiation: a cross sectional study. *Occup. Environ. Med.* 53 575.

8. **Little, M.P.**, 1997, Comments on the article “Studies of the mortality of atomic bomb survivors. Report 12, part I. Cancer: 1950-1990” by D.A. Pierce, Y. Shimizu, D.L. Preston, M. Vaeth and K. Mabuchi (*Radiat. Res.* **146**, 1-27, 1996). *Radiat. Res.* 148 399-400.
9. Draper, G.J., **Little, M.P.**, Sorahan, T., Kinlen, L.J., 1998. Cancer in the offspring of radiation workers. *Br. Med. J.* 316 1673. PMCID: PMC1113246.
10. **Little, M.P.**, 1999. Comments on “Threshold models in radiation carcinogenesis” by D.G. Hoel and P. Li. *Health Phys.* 76 432-434.
11. **Little, M.P.**, Charles, M.W., 1999. Tumour induction by methyl-nitroso-urea following preconceptional paternal contamination with plutonium-239. *Br. J. Cancer* 80 627-628.
12. **Little, M.P.**, 2002. Comments on the paper: Microsatellite instability in acute myelocytic leukaemia developed from A-bomb survivors. *Int. J. Radiat. Biol.* 78 441-443.
13. Chakraborty, R., **Little, M.P.**, Sankaranarayanan, K., 2002. Response to the letter of G. Mezei and R Kavet. *Radiat. Res.* 158 662.
14. **Little, M.P.**, Tawn, E.J., 2003. Comments on “Estimation of X ray overexposure in a childhood leukaemia cluster by means of chromosome aberration analysis” by I. Schmitz-Feuerhake, H. von Boetticher, B. Dannheim, K. Götz, A. Heimers, W. Hoffmann and H. Schröder. *Radiat. Prot. Dosim.* 103 77-79.
15. **Little, M.P.**, 2003. Comment on “Use of A-bomb survivor studies as a basis for nuclear worker compensation”. *Environ. Health Perspect.* 111 A267-A268. PMCID: PMC1241490.
16. **Little, M.P.**, Cox, R., Edwards, A., 2003. Reply to the letter from Plumb. *Int. J. Radiat. Biol.* 79 371-374.
17. **Little, M.**, 2003. Bomb dosimetry unlikely to change risk estimates. *Nature* 425 237.
18. **Little, M.P.**, Elliott, P., Steer, P.J., 2006. Reply (to letter of R.C. Goodlin). *Am. J. Obstet. Gynecol.* 195 337.
19. **Little, M.P.**, Elliott, P., Steer, P.J., 2006. Reply (to letter of Betlehem, Koppán, Bódis). *Am. J. Obstet. Gynecol.* 195 1500.
20. **Little, M.P.**, Tawn, E.J., Tzoulaki, I., Wakeford, R., Hildebrandt, G., Tapio, S., Elliott, P., 2009, Comments: The non-cancer mortality experience of male workers at British Nuclear Fuels plc, 1946–2005. *Int. J. Epidemiol.* 38 1159-1164.
21. **Little, M.P.**, Lambert, B.E., 2009. Comments on ‘Impact of tritium around EDF nuclear power plants’. *J. Radiol. Prot.* 29 452-453.
22. **Little, M.P.**, Lambert, B.E., 2009. Comments on ‘Are the risks from tritium exposures being underestimated?’. *J. Radiol. Prot.* 29 454-456.
23. Wakeford, R., Kendall, G.M., **Little, M.P.**, 2009. The risk of cancer from natural background ionizing radiation. *Health Phys.* 97 637-638.
24. **Little, M.P.**, Wakeford, R., Kendall, G.M., 2010. Reply to “Comment on ‘Updated estimates of the proportion of childhood leukaemia incidence in Great Britain that may be caused by natural background ionising radiation’”. *J. Radiol. Prot.* 30 99-101.

25. **Little, M.P.**, Rajaraman, P., Curtis, R.E., Devesa, S.S., Inskip, P.D., Check, D.P., Linet, M.S., 2012, Mobile phones and glioma risk. Authors' reply to Kundi and Davis and colleagues. *Br. Med. J.* 344 e3088.
26. Kleinerman, R.A., ***Yu, C.-L., **Little, M.P.**, Li, Y., Abramson, D.H., Seddon, J.M., Tucker, M.A., 2012, Reply to A.C. Moll *et al.*, *J. Clin. Oncol.* 30 3028-3029.
27. **Little, M.P.**, Bazyka, D., Bouffler, S.D., Harrison, J.D., Cardis, E., Cucinotta, F.A., Kreuzer, M., Laurent, O., Tapio, S., Wakeford, R., Zablotska, L.B., Lipshultz, S.E., on behalf of the complete authorship of the paper (*Env. Health Perspectives* 2012 **120** 1503-1511), 2012, Estimating risk of circulatory disease: Little *et al.* respond. *Env. Health Perspectives* 120 a453-4. PMID: PMC3548303.
28. Pearce, M.S., Salotti, J.A., **Little, M.P.**, McHugh, K., Lee, C., Kim, K.P., Howe, N.L., Ronckers, C.M., Rajaraman, P., Craft, A.W., Parker, L., Berrington de González, A., 2012, Authors' reply. *Lancet* 380 1736-1737.
29. **Little, M.P.**, Azizova, T.V., Bazyka, D., Bouffler, S.D., Cardis, E., Chekin, S., Chumak, V.V., Cucinotta, F.A., de Vathaire, F., Hall, P., Harrison, J.D., Hildebrandt, G., Ivanov, V., Kashcheev, V.V., Klymenko, S.V., Laurent, O., Ozasa, K., Tapio, S., Taylor, A.M., Tzoulaki, I., ***Vandoolaeghe, W.L., Wakeford, R., Zablotska, L.B., Zhang, W., Lipshultz, S.E., 2013, Comment on "Dose-responses from multi-model inference for the non-cancer disease mortality of atomic bomb survivors" (*Radiat. Environ. Biophys* (2012) 51: 165-178) by Schöllnberger *et al.* *Radiat. Environ. Biophys.* 52, 157-159.
30. **Little, M.P.**, Zablotska, L.B., Lipshultz, S.E., 2013, Ischemic heart disease after breast cancer radiotherapy. *New. Engl. J. Med.* 368 2523-2524.
31. Kendall, G.M., **Little, M.P.**, Wakeford, R., 2017. Comment on "Indoor terrestrial gamma dose rate mapping in France: A case study using two different geostatistical models" by Warnery *et al.* (*J. Environ. Radioact.* 2015, 139, 140–148). *J. Environ. Radioact.* 182 172-173.
32. Wakeford, R., Azizova, T., Dörr, W., Garnier-Laplace, J., Hauptmann, M., Ozasa, K., Rajaraman, P., Sakai, K., Salomaa, S., Sokolnikov, M., Stram, D., Sun, Q., Wojcik, A., Woloschak, G., Bouffler, S., Grosche, B., Kai, M., **Little, M.P.**, Shore, R.E., Walsh, L., Rühm, W., 2019. The dose and dose-rate effectiveness factor (DDREF). *Health Phys.* 116 96-99. PMID: PMC10666559.
33. Tronko, M., Brenner, A.V., Bogdanova, T., Shpak, V., Cahoon, E.K., Drozdovitch, V., **Little, M.P.**, Tereshchenko, V., Zamotayeva, G., Terekhova, G., Zurnadzhi, L., Hatch, M., Mabuchi, K., 2019, Reply to letter: Thyroid neoplasia after Chernobyl: a comment. *Int. J. Cancer* 144 2898. PMID: PMC10655929.
34. **Little, M.P.**, Pawel, D.J., Abalo, K., Hauptmann, M., 2021, Response to "On the choice of methodology for evaluating dose-rate effects on radiation-related cancer risks" by Walsh *et al.* *Radiat. Environ. Biophys.* 60 515-516. PMID: PMC10681271.
35. Kendall, G.M., **Little, M.P.**, 2022, Response to "Further information about the latest study of nuclear test veterans" by Susie Boniface. *J. Radiol. Prot.* 42 034501.
36. **Little, M.P.**, Ainsbury, E., Al-Nabulsi, I., Amundson, S.A., Azzam, E.I., Badie, C., Belyakov, O.V., Bernstein, J.L., Boice, J.D., Jr, Bouffler, S.D., Cucinotta, F.A., Cullings, H.M., de Vocht, F., Eidemüller, M., Grant, E.J., Hamada, N., Hande, M.P., Hei, T.K., Held, K.D., Kadhim, M., Kaiser, J.C., Kendall, G.M., Kronenberg, A., Laurier, D., Lee,

W.J., Paganetti, H., Pawel, D., Preston, D., Root, J.C., Rühm, W., Schae, D., Shore, R.E., Smith, G., Sishc, B., Terry, S.Y.A., Ullrich, R.L., Vaillant, L., Wakeford, R., Williams, J.P., Wojcik, A., Zablotska, L.B., Woloschak, G.E., 2025, Response to Calabrese and Selby “Mistakes discovered: Cancer risk assessment challenged”. *Science* <https://www.science.org/doi/10.1126/science.123.3209.1157#elettersSection>.

Invited Editorials and Commentaries

1. **Little, M.P.**, 1998, Uncertainties in probabilistic nuclear accident consequence analysis (editorial). *J. Radiol. Prot.* 18 239-242.
2. **Little, M.P.**, 2003, A dose of the bomb. *Nature* 424 495-496.
3. **Little, M.P.**, 2003, Pre-conceptional risks of radiation exposure in the offspring of UK nuclear workers and of the Japanese atomic bomb survivors. *J. Radiol. Prot.* 23 459-460.
4. **Little, M.P.**, Blettner, M., Boice, J.D., Jr, Bridges, B.A., Cardis, E., Charles, M.W., de Vathaire, F., Doll, R., Fujimoto, K., Goodhead, D., Grosche, B., Hall, P., Heidenreich, W.F., Jacob, P., Moolgavkar, S.H., Muirhead, C.R., Niwa, O., Paretzke, H.G., Richardson, R.B., Samet, J.M., Sasaki, Y., Shore, R.E., Straume, T., Wakeford, R., 2004, Potential funding crisis for the Radiation Effects Research Foundation. *Lancet* 364 557-558.
5. **Little, M.P.**, Blettner, M., Boice, J.D., Jr, Bridges, B.A., Cardis, E., Charles, M.W., de Vathaire, F., Doll, R., Fujimoto, K., Goodhead, D.T., Grosche, B., Hall, P., Heidenreich, W.F., Jacob, P., Moolgavkar, S.H., Muirhead, C.R., Niwa, O., Paretzke, H.G., Richardson, R.B., Samet, J.M., Sasaki, Y., Shore, R.E., Straume, T., Wakeford, R., 2004, Funding crisis at the Radiation Effects Research Foundation. *J. Radiol. Prot.* 24 195-197.
6. **Little, M.P.**, 2004, Risks of non-cancer disease incidence and mortality in the Japanese atomic bomb survivors. *J. Radiol. Prot.* 24 327-328.
7. **Little, M.P.**, Wakeford, R., Tawn, E.J., Bouffler, S.D., Berrington de Gonzalez, A., 2009, Risks associated with low doses and low dose-rates of ionizing radiation: why linearity may be (almost) the best we can do. *Radiology* 251 6-12. PMID: PMC2663578.
8. **Little, M.P.**, 2010, Exposure to radiation and higher risk of circulatory disease. *Br. Med. J.* 340 b4326.
9. Salomaa, S.I., Wright, E.G., Hildebrandt, G., Kadhim, M.A., **Little, M.P.**, Prise, K.M., Belyakov, O.V., 2010, Editorial - Non-DNA targeted effects, *Mut. Res.* 687 1-2.
10. Wakeford, R., **Little, M.P.**, Kendall, G.M., 2010, Risk of childhood leukemia after low-level exposure to ionizing radiation. *Expert Rev. Hematol.* 3 251-254. PMID: PMC3076706.
11. Mabuchi, K., Hatch, M., **Little, M.P.**, Linet, M.S., Simon, S.L., 2013, Risk of thyroid cancer after adult radiation exposure: time to re-assess? *Radiat. Res.* 179 254-256.
12. **Little, M.P.**, Wakeford, R., 2013, How is the risk of radiation-induced cancer influenced by background risk factors? Invited commentary on “A method for determining weights for excess relative risk and excess absolute risk when applied in the calculation of lifetime risk of cancer from radiation exposure” by Walsh and Schneider (2012). *Radiat. Environ. Biophys.* 52 147-150.

13. **Little, M.P.**, 2015, Germline minisatellite mutations in the offspring of irradiated parents. *J. Radiol. Prot.* 35 E1-E4.
14. **Little, M.P.**, 2015, Ionising radiation in the workplace. Low risk but not no risk. *Br. Med. J.* 351 h5405.
15. **Little, M.P.**, Wakeford, R., Bouville, A., Simon, S.L., 2016, Measurement of Fukushima-related radioactive contamination in aquatic species. *Proc. Natl Acad. Sci. USA* 113 3720-3721. PMID: PMC4833270.
16. Cucinotta, F.A., Hamada, N., **Little, M.P.**, 2016, No evidence for an increase in circulatory disease mortality in astronauts following space radiation exposures. *Life Sci. Space Res.* 10 53-56.
17. Kendall, G.M., **Little, M.P.**, 2022, The new study of UK nuclear test veterans. *J. Radiol. Prot.* 42 020101.
18. Simon, S.L., Kendall, G.M., Bouffler, S.D., **Little, M.P.**, 2022, The evidence for excess risk of cancer and non-cancer disease at low doses and dose rates. *Radiat. Res.* 198 615-624. PMID: PMC9797580.

Reports from National and International Committees

1. CONDOR 1: A probabilistic consequence assessment code applicable to releases of radionuclides to the atmosphere. National Radiological Protection Board, Chilton, Didcot, *National Radiological Protection Board Report R258* (1993).
2. Health effects related to the use of visual display units, Report of an Advisory Group on Non-ionising Radiation. *Docs National Radiological Protection Board* 5 (2), 1-75 (1994).
3. Electromagnetic fields and the risk of cancer, Supplementary report by the Advisory Group on Non-ionising Radiation. *Docs National Radiological Protection Board* 5 (2), 77-81 (1994).
4. Cox, R., Muirhead, C.R., Stather, J.W., Edwards, A.A., **Little, M.P.**, 1995. Risk of radiation-induced cancer at low doses and low dose rates for radiation protection purposes. *Docs National Radiological Protection Board* 6 (1), 1-77 (ISBN 0-85951-386-6).
5. Health effects from ultraviolet radiation, Report of an Advisory Group on Non-ionising Radiation. *Docs National Radiological Protection Board* 6 (2), 7-190 (1995).
6. Barabanova, A., Baris, D., de Vathaire, C., Chmelevsky, D., Galle, P., Gustafsson, M., Harrison, J.R., Litai, D., **Little, M.**, Martignoni, K., Monchaux, G., Paretzke, H.G., Sztanyik, L.B., Turai, I., Waight, P., Wakeford, R., Webb, G.M., 1996. Methods for estimating the probability of cancer from occupational radiation exposure, International Atomic Energy Agency, Vienna, *International Atomic Energy Agency Report IAEA-TECDOC-870*. 1-55.40
7. Draper, G.J., **Little, M.P.**, Sorahan, T., Kinlen, L.J., Bunch, K.J., Conquest, A.J., Kendall, G.M., Kneale, G.W., Lancashire, R.J., Muirhead, C.R., O'Connor, C.M., Vincent, T.J., Thomas, J.M., Goodill, A.A., Vokes, J., Haylock, R.G.E., 1997. Cancer in

- the offspring of radiation workers - a record linkage study. Stationery Office, London, *National Radiological Protection Board Report R298* (ISBN 0-85951-412-9).
8. **Little, M.P.**, Charles, M.W., Hopewell, J.W., Mayall, A., Lloyd, D.C., Edwards, A.A., Sharp, C., Cooper, J.R., 1997. Assessment of skin doses, *Docs National Radiological Protection Board* 8 (3), 1-43 (ISBN 0-85951-410-2).
 9. **Little, M.P.**, Muirhead, C.R., Goossens, L.H.J., Kraan, B.C.P., Cooke, R.M., Harper, F.T., Hora, S.C., 1997. Probabilistic accident consequence uncertainty analysis. Late health effects uncertainty assessment. Volume 1. Main report. *Nuclear Regulatory Commission Report NUREG/CR-6555* (EUR 16774). US Nuclear Regulatory Commission, Washington DC, USA (ISBN 92-827-6698-5).
 10. **Little, M.P.**, Muirhead, C.R., Goossens, L.H.J., Kraan, B.C.P., Cooke, R.M., Harper, F.T., Hora, S.C., 1997. Probabilistic accident consequence uncertainty analysis. Late health effects uncertainty assessment. Volume 2. Appendices. *Nuclear Regulatory Commission Report NUREG/CR-6555* (EUR 16774). US Nuclear Regulatory Commission, Washington DC, USA (ISBN 92-827-6698-5).
 11. Muirhead, C.R., Goodill, A.A., Haylock, R.G.E., Vokes, J., **Little, M.P.**, Jackson, D.A., O'Hagan, J.A., Thomas, J.M., Kendall, G.M., Silk, T.J., Bingham, D., Berridge, G.L.C., 1999. Second analysis of the National Registry for Radiation Workers: occupational exposure to ionising radiation and mortality. National Radiological Protection Board, Chilton, Didcot, *National Radiological Protection Board Report R307*, 1-109 (ISBN 0-85951-430-7).
 12. Field, S., Arthur, R.J., Coakley, A.J., Goodhead, D.T., Hirschmann, P.N., Leach, A.M., Sharp, C., Shrimpton, P.C., Bridges, B.A., Aw, T.-C., Beral, V., Burn, J., Cartwright, R.A., Scott, D., Smith, P.J., Spittle, M.F., Wheldon, T.E., **Little, M.P.**, Walker, H., Cox, R., Harrison, J.R., Muirhead, C.R., Stather, J.W., Guidelines on patient dose to promote the optimisation of protection for diagnostic medical exposures, Report of an Advisory Group on Ionising Radiation. *Docs NRPB* 10 (1), 1-43 (1999) (ISBN 0-85951-425-0) (http://www.hpa.org.uk/radiation/publications/documents_of_nrpb/abstracts/absd10-1.htm).
 13. Bridges, B.A., Arlett, C., Burn, J., Cox, R., Scott, D., Aw, T.-C., Beral, V., Cartwright, R.A., Field, S., Goodhead, D.T., Smith, P.J., Spittle, M.F., Wheldon, T.E., **Little, M.P.**, Sharp, C., Shrimpton, P., Leach, A.M., Walker, H., Harrison, J.R., Muirhead, C.R., Stather, J.W., Genetic heterogeneity in the population and its implications for radiation risk, Report of an Advisory Group on Ionising Radiation. *Docs National Radiological Protection Board* 10 (3), 1-47 (1999) (ISBN 0-85951-432-3) (http://www.hpa.org.uk/radiation/publications/documents_of_nrpb/abstracts/absd10-3.htm).
 14. Spittle, M.F., Day, N.E., Hamlet, R., Harrison, J.R., **Little, M.P.**, Muirhead, C.R., Smith, P.J., Wheldon, T.E., Boice, J.D., Jr, Darby, S.C., Haylock, R.G.E., Weiss, H.A., Bridges, B.A., Aw, T.-C., Beral, V., Cartwright, R.A., Field, S., Goodhead, D.T., Little, J., Scott, D., Sorahan, T., Bouffler, S.D., Cox, R., Snashall, D., Stather, J.W., Walker, H., Risk of second cancer in therapeutically irradiated populations. Comparison with cancer risks in the Japanese atomic bomb survivors and in other exposed groups, Report of an Advisory Group on Ionising Radiation. *Docs National Radiological Protection Board* 11 (1), 1-105 (2000) (ISBN 0-85951-442-0)

- (http://www.hpa.org.uk/radiation/publications/documents_of_nrp/abstracts/absd11-1.htm).
15. Risk of leukaemia and related malignancies following radiation exposure: estimates for the UK population, Report of an Advisory Group on Ionising Radiation. *Docs National Radiological Protection Board* 14 (1), 1-119 (2003) (ISBN 0-85951-518-4) (http://www.hpa.org.uk/radiation/publications/documents_of_nrp/abstracts/absd14-1.htm).
 16. Bridges, B.A., Elliott, A.T., Hill, M.A., Lambert, B.E., **Little, M.P.**, Waters, R., Phipps, A.W., Stather, J.W., Walker, H. Review of risks from tritium, Subgroup on Tritium internal dosimetry of the Advisory Group on Ionising Radiation. Report of the independent Advisory Group on Ionising Radiation. *Docs Health Protection Agency RCE-4*. 1-90. Health Protection Agency, Centre for Radiation, Chemical and Environmental Hazards, Chilton, Didcot (2007) (ISBN 978-0-85951-610-5) (<http://www.hpa.org.uk/publications/PublicationDisplay.asp?PublicationID=0>).
 17. **Little, M.P.** (lead consultant), 2008, United Nations Scientific Committee on the Effects of Atomic Radiation. UNSCEAR 2006 Report. Annex A. Epidemiological Studies of Radiation and Cancer. United Nations, New York (ISBN 978-9211422634). (<http://www.unscear.org/unscear/en/publications.html>).
 18. McMillan, T.J., Bennett, M.R., Bridges, B.A., Darby, S.C., Hendry, J., Jones, B., Kanthou, C., **Little, M.P.**, Taylor, A., Tzoulaki, I., Bouffler, S.D., Zhang, W., Walker, H., Keep, P. Circulatory disease risk, Subgroup on Circulatory disease risk of the Advisory Group on Ionising Radiation. Report of the independent Advisory Group on Ionising Radiation. *Docs Health Protection Agency RCE-16*. 1-116. Health Protection Agency, Centre for Radiation, Chemical and Environmental Hazards, Chilton, Didcot (2010) (ISBN 978-0-85951-676-1) (<http://www.hpa.org.uk/Publications/Radiation/DocumentsOfTheHPA/RCE16CirculatoryDiseaseRisk/>).
 19. Wald, N.J., Berrington de González, A., Bridges, B.A., Easton, D., **Little, M.P.**, Stiller, C., Vessey, M., Cardis, E., Darby, S., Kinlen, L.J., Mabuchi, K., Swerdlow, A.J., Coleman, M., Thomas, G., Muirhead, C.R., Haylock, R.G.E., Stather, J.W., Walker, H., Keep, P. Risk of solid cancers following radiation exposure: estimates for the UK population. Report of the independent Advisory Group on Ionising Radiation. *Docs Health Protection Agency RCE-19*. 1-258. Health Protection Agency, Centre for Radiation, Chemical and Environmental Hazards, Chilton, Didcot (2011) (ISBN 978-0-85951-705-8) (http://www.hpa.org.uk/web/HPAweb&HPAwebStandard/HPAweb_C/1313155141150).
 20. Armstrong, B., Baverstock, K., Brenner, D.J., Cardis, E., Green, A., Guilmette, R.A., Hall, J., Hill, M.A., Hoel, D., Krewski, D., **Little, M.P.**, Marshall, M., Mitchel, R.E.J., Muirhead, C.R., Priest, N.D., Richardson, D.B., Riddell, A.E., Sabatier, L., Sokolnikov, M.E., Tomasek, L., Ullrich, R.L. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Volume 100. A Review of Human Carcinogens. Part D: Radiation. 1-341. International Agency for Research on Cancer, Lyon, France (2012) (ISBN 978-92-832-13215) (<http://monographs.iarc.fr/ENG/Monographs/vol100D/mono100D.pdf>).
 21. Kendall, G.M., Bunch, K.J., Miles, J.C.H., Vincent, T.J., **Little, M.P.**, Wakeford, R., Meara, J.R., Murphy, M.F.G., 2013, Report of a record-based case-control study of natural background radiation and incidence of childhood cancer in Great Britain. *Docs Health Protection Agency*, HPA-CRCE-045. 1-125. ISBN 978-0-85951-730-0 (<http://www.hpa.org.uk/Publications/Radiation/CRCEScientificAndTechnicalReportSeries/HPACRCE045/>).
 22. Bridges, B.A., Goodhead, D.T., **Little, M.P.**, Bouffler, S.D., 2013, Evidence for transgenerational effects following exposure to ionising radiation. A briefing note

- prepared by a subgroup of the Advisory Group on Ionising Radiation. 1-38. Health Protection Agency, Chilton, Didcot, UK (2013). ISBN 978-0-85951-742-3 (http://www.hpa.org.uk/webc/HPAwebFile/HPAweb_C/1317139141166).
23. Amundson, S, Bernstein, J., Boice, J.D., Jr, Guilmette, R.A., Kronenberg, A., **Little, M.P.**, Morgan, W.F., Nickoloff, J.A., Powell, S.N., Stram, D.O., Preston, R.J., , 2015, Health effects of low doses of radiation: perspectives on integrating radiation biology and epidemiology. NCRP Commentary No. 24. i-vi+1-79. National Council on Radiation Protection and Measurements, Bethesda, MD 20814, USA (2015). ISBN 978-0-9835450-7-1. (<http://www.ncrppublications.org/Commentaries/24>)
 24. Preston, R.J., Rühm, W., Azzam, E.I., Boice, J.D., Jr, Bouffler, S., **Little, M.P.**, Shore, R.E., Shuryak, I., Weil, M.M., Ansari, A., 2020, Approaches for integrating information from radiation biology and epidemiology to enhance low-dose health risk assessment. NCRP Report No. 186. i-xi+1-296. National Council on Radiation Protection and Measurements, Bethesda, MD 20814, USA (2020). ISBN 9781944888244 (<https://ncrponline.org/shop/reports/report-no-186-approaches-for-integrating-information-from-radiation-biology-and-epidemiology-to-enhance-low-dose-health-risk-assessment-2020/>).
 25. Bernstein, J.L., Cullings, H.M., Bellamy, M.B., French, B., **Little, M.P.**, Tekwe, C.D., Grogan, H.A., 2024, Recommendations on statistical approaches to account for dose uncertainties in radiation epidemiologic risk models. NCRP Commentary No. 34. i-vii+1-91. National Council on Radiation Protection and Measurements, Bethesda, MD 20814, USA (2024). ISBN 9781944888367 (<https://ncrponline.org/shop/commentaries/commentary-no-34/>).

Book Chapters

1. **Little, M.P.**, 1997. Mechanistic modeling of radiation-induced cancer. pp.221-236 in: *Effects of ionizing radiation: atomic bomb survivors and their children (1945-1995)* (ed. L.E. Peterson, S. Abrahamson). ISBN 978-0-309-06402-6. Joseph Henry Press / National Academies Press, Washington DC, USA.
2. **Little, M.P.**, 2008. Cancer models, ionizing radiation, and genomic instability: a review, pp.109-148 in: *Handbook of cancer models with applications* (ed. W-Y Tan, L. Hanin). ISBN 978-981-277-947-2. World Scientific.
3. **Little, M.P.**, Prise, K., Folkard, M., Belyakov, O.V., 2009, Mathematical modelling of the radiation-induced bystander effect and transmissible genomic instability applied to cancer. pp.59-97 in *STUK Report STUK-A234*. STUK – Radiation and Nuclear Safety Authority, Helsinki, Finland 14–16 February 2005. STUK-A234. Helsinki 2008, 175 pp. Belyakov, O.V. (Ed.), ISBN 978-952-478-432-0 (print), ISBN 978-952-478-433-7 (pdf), ISSN 0781-1705.
4. **Little, M.P.**, Heidenreich, W.F., **Li, G.**, 2013. Parameter identifiability and redundancy, with applications to a general class of stochastic carcinogenesis models, chapter 11, pp.321-354 in: *Systems Biology. Integrative Biology and Simulation Tools* (ed. Prokop, A., Csukás, B.). Springer Verlag 2013 (doi: 10.1007/978-94-007-6803-1_11. ISBN 978-94-007-6802-4 (print) / 978-94-007-6803-1 (online)).
5. Inskip, P.D., **Little, M.P.**, 2014. Brain tumors and mobile phone use: the ecological approach, chapter 14, pp.229-242 in: *Epidemiology of electromagnetic fields* (ed. Röösl, M.). CRC Press, Boca Raton. ISBN 978-1-4665-6817-4.
6. **Little, M.P.**, 2018. Environmental radiation, pp.1164-1165 in: *Diagnosis and treatment in internal medicine* (ed. Davey, P., Sprigings, D.). Oxford University Press. ISBN-10 978-0-19-956874-1, ISBN-13 9780199568741

Book Reviews

1. **Little, M.P.**, 1993. Review of "The children of atomic bomb survivors: a genetic study. Edited by James V. Neel and William J. Schull". *Quarterly Rev. Biol.* 68 267.
2. **Little, M.P.**, 1993. Review of "Geographical and environmental epidemiology: methods for small area studies (P. Elliott, J. Cuzick, D. English and R. Stern eds.)". *Radiol. Prot. Bull.* 148 41-42.
3. **Little, M.P.**, 1994. Review of "Statistical models based on counting processes" by P.K. Andersen, O. Borgan, R.D. Gill and N. Keiding. *Radiol. Prot. Bull.* 159 27.
4. **Little, M.P.**, 1995. Review of "Facts and figures of cancer in the European Community" by J. Estève et al. *Radiol. Prot. Bull.* 170 29-30.
5. **Little, M.P.**, 1996. Review of "Magnetic fields and cancer: epidemiological studies and a synthesis of evidence" by M. Feychting. *Radiol. Prot. Bull.* 175 33.
6. **Little, M.P.**, 1997. Review of "Implications of new data on radiation cancer risk. Proceedings of the Thirty Second Annual Meeting of the National Council on Radiation Protection and Measurements - Proceedings No. 18". *Radiat. Prot. Dosim.* 74 280-281.
7. **Little, M.P.**, 2000. Review of "Quantitative estimation and prediction of human cancer risks", edited by S. Moolgavkar, D. Krewski, L. Zeise, E. Cardis and H. Møller, Scientific publication No. 131, International Agency for Research on Cancer, Lyon. *Radiat. Res.* 153 353-355.
8. **Little, M.P.**, 2000. Review of "A survey of models for tumor-immune system dynamics" (J.A. Adam, N. Bellomo eds.). *Statist. Med.* 19 3140-3141.
9. **Little, M.P.**, 2005. Review of "Nonparametric and Semiparametric Models" by W. Härdle, M. Müller, S. Sperlich and A. Werwatz. *J. Roy. Statist. Soc. Series A* 168 874-875.
10. **Little, M.P.**, 2008. Review of "Medical Effects of Ionizing Radiation" by F.A. Mettler, Jr and A.C. Upton (3rd edition). *Int. J. Radiat. Oncol. Biol. Phys.* 72 300.
11. **Little, M.P.**, 2010. Review of "A.D. Cliff, M.R. Smallman-Raynor, P. Haggett, D.F. Stroup and S.B. Thacker, Infectious Diseases: A Geographical Analysis. Emergence and Re-Emergence. New York, Oxford University Press, 2009 xxxiv + 763 pages, £100 hardcover". *J. Historical Geog.* 36 365-366.
12. **Little, M.P.**, 2014. Review of "M. Smallman-Raynor, A. Cliff, *Atlas of Epidemic Britain. A Twentieth-Century Picture*. Oxford University Press, Oxford (2012), x + 207 pages, £125 hardcover". *J. Historical Geog.* 45 130.
13. **Little, M.P.**, 2014. Review of "A.D. Cliff and M. Smallman-Raynor, *Oxford Textbook of Infectious Disease Control: a Geographical Analysis from Medieval Quarantine to Global Eradication*. Oxford University Press, Oxford (2013), ix + 193 pages, £85 hardcover". *J. Historical Geog.* 45 130-131.
14. **Little, M.P.**, 2018. Review of "Mendelian randomization: methods for using genetic variants in causal estimation" by Stephen Burgess and Simon G Thompson, 2015,

Chapman & Hall/CRC. Boca Raton, FL, xiv + 210 pp., \$62.95, ISBN-13 978-1-4665-7317-8". *J. Roy. Statist. Soc. Series A* 181 549-550.

15. **Little, M.P.**, 2022, Review of 'A Computational Approach to Statistical Learning' by Taylor Arnold, Michael Kane, Bryan W. Lewis, 2019, Chapman & Hall/CRC, Boca Raton, FL, xiii + 361 pp., \$110.00 ISBN-13 978-1-138-04637-5. *J. Roy. Statist. Soc. Series A* 185 740-741.