

IARR Council 2023-2027

Elected Officers and Councillors

President



George Iliakis (Germany)

Director, Division of Experimental Radiation Oncology, Department of Radiation Therapy

University of Duisburg-Essen, Medical School, Germany

E-mail: georg.iliakis@uk-essen.de

Research Interests: Repair of DNA DSBs: Repair pathway balance as a function of ionizing radiation dose and quality. Consequences of repair pathway engagement in preservation and integrity of the genome. Harnessing of knowledge for Radiotherapy improvements.

Vice-President



Rhona Anderson (UK)

Reader in Radiobiology

Brunel University London, UK

Email: Rhona.Anderson@brunel.ac.uk

Research Interests: Radiation cytogenetics, biomarkers of exposure and effect, low dose radiation, health effects.

Secretary-Treasurer



Fiona Lyng (Ireland)

Head, Radiation and Environmental Science Centre

Technological University Dublin

Email: fiona.lyng@tudublin.ie

Research Interests: individual radiosensitivity, low dose radiation, non-targeted effects

Councillor for Physics



Karen Kirkby (UK)

Richard Rose Chair in Proton Therapy Physics
University of Manchester and Christie NHS Foundation Trust
Email: karen.kirkby@googlemail.com

Research Interests: research in proton therapy

Councillor for Chemistry



Rebecca Abergel (US)

Associate Professor/ Associate Dean for Inclusive Excellence/ Glenn T. Seaborg Center Director & Heavy Element Chemistry Program Lead
University of California, Berkeley/ Lawrence Berkeley National Laboratory
Email: abergel@berkeley.edu

Research Interests: fundamental coordination chemistry, nuclear chemistry, and biochemistry of heavy elements and inorganic isotopes, with therapeutic and environmental applications

Councillor for Biology



Markus Lobrich (Germany)

Head of the Institute of Radiation Biology and DNA Repair
Technical University of Darmstadt
Email: lobrich@bio.tu-darmstadt.de

Research Interests: targeting homologous recombination for cancer therapy, whole-genome mapping of NHEJ mechanisms and fidelity, and evaluation of cellular responses following low-dose irradiation.

Councillor for Medicine



Navita Somaiah (UK)

Group Leader Translational Breast Radiobiology/ Honorary Consultant Clinical Oncologist
Institute of Cancer Research, London / The Royal Marsden NHS Foundation Trust
Email: navita.somaiah@icr.ac.uk

Research Interests: biological optimisation of radiotherapy - improving tumour responses and minimising normal tissue toxicity

Councillor for Epidemiology



Kotaro Ozasa (Japan)

Specially Appointed Professor
Kyoto Prefectural University of Medicine

E-mail - kozasa@koto.kpu-m.ac.jp

Research interests: epidemiological studies of atomic bomb survivors

Councillor Representatives of Member Societies

Councillor-at-large representing SARS, AINSE, DeGBS, DGDR



Michelle Durant (Australia)

AINSE Ltd

The Australian Institute of Nuclear Science and Engineering

Email: michelle.durant@ainse.edu.au

Research Interests: Enhancing collaboration opportunities for students and researchers in nuclear science and engineering.

Councillor appointed by the Asian Association for Radiation Research (AARR)



Kaushala Prasad Mishra (India)

Former Vice Chancellor, Nehru Gram Bharati University, Allahabad

Ex Head, RB&HSD, Bhabha Atomic Res. Center, Mumbai University

Email: mishra_kaushala@rediffmail.com

Research Interests: Radiation biology, free radical biology

Councillor appointed by the Association for Radiation Research (ARR)



Jonathan Coulter (UK)

Professor of Pharmaceutical Nanoscience, School of Pharmacy
Queen's University Belfast

Email: j.coulter@qub.ac.uk

Research Interests: Radiation sensitivity, nanotherapeutics, tumour metabolism, tumour microenvironment

Councillor appointed by the China Committee for Radiation Research (CCRR)



Professor Xu Su (China)

National Institute for Radiological Protection China CDC
& Chinese Center for Medical Response to Radiation Emergency
Beijing 100088

Email: suxu@nirp.chinacdc.cn

Research Interests: biological effects and molecular mechanism of ionizing radiation. Radiation protection, nuclear and radiological medical emergency, and relevant policies and standards

Councillor appointed by the European Radiation Research Society (ERRS)



Martin Falk (Czech Republic)

Head, Department of Cell Biology and Radiobiology
Institute of Biophysics, v. v. i.
Czech Academy of Sciences, Brno

Email: falk@ibp.cz

Research Interests: DNA damage & repair (in the context of chromatin), biological effects of different types of ionizing radiation, cancer genesis & therapy, normal cell radioprotection & cancer cell radiosensitization, relationship between chromatin architecture and function, microscopy and super-resolution microscopy

Councillor appointed by the French Society of Radiation Biology (SFBR)



Christophe Badie (UK)

Head of Department of Radiation Effects and Group Leader Cancer Mechanisms and Biomarkers
Centre for Radiation, Chemical, Climate Change & Environmental Hazards, UK Health Security Agency

Email: Christophe.Badie@ukhsa.gov.uk

Research interests: radiation biomarkers, molecular mechanisms of radiation leukemogenesis, radiation protection

Councillor appointed by the Irish Radiation Research Society (IRRS)



Laure Marignol (Ireland)

Professor in Radiation Biology / Head of Discipline, Radiation Therapy
Trinity Centre for Health Sciences, St. James's Hospital

Email: marignl@tcd.ie

Research Interests: Sex bias, hypoxia, radioresistance, treatment combinations, functional imaging, urological oncology

Councillor appointed by the International Union of Radioecology (IUR)



Carmel Mothersill (Canada)

Professor

McMaster University

Email: mothers@mcmaster.ca

Research Interests: Environmental radiobiology, low dose radiation effects in humans and nonhuman biota, ecosystem radiation protection

Councillors appointed by the Japanese Association for Radiation Research (JARR)



Hiroshi Harada (Japan)

Professor, Graduate School of Biostudies/ Director, Radiation Biology Center

Kyoto University

Email: harada.hiroshi.5e@kyoto-u.ac.jp

Research Interests: hypoxia, tumor microenvironment, radioresistance, DNA repair



Akihisa Takahashi (Japan)

Professor, Gunma University Heavy Ion Medical Center

Email: a-takahashi@gunma-u.ac.jp

Research Interests: heavy-ion radiobiology, space biology, cancer biology, RBE



Satoshi Tashiro (Japan)

Professor, Research Institute for Radiation Biology and Medicine, Hiroshima University

Email: ktashiro@hiroshima-u.ac.jp

Research Interests: chromosomal aberrations, DNA repair, nuclear architecture, biological dosimetry

Councillor appointed by the Dutch Society for Radiobiology (NVRB)



Arlene L. Oei (The Netherlands)

Assistant Professor

Lab. for Exp. Oncology and Radiobiology (LEXOR) / Department of Radiation Oncology

Amsterdam UMC

Email: A.L.Oei@amsterdamumc.nl

Research Interests: Radiosensitization, hyperthermia, radioresistance, DNA repair

Councillor appointed by the Polish Radiation Research Society (PRRS)



Dorota Słonina (Poland)

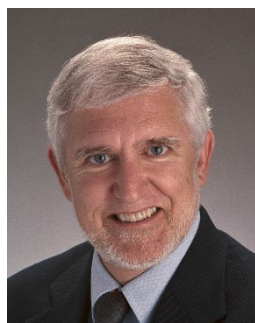
Associate Professor/Head of Clinical Radiobiology Laboratory

Center for Translational Research and Molecular Biology of Cancer, Maria Skłodowska-Curie National Research Institute of Oncology, Gliwice Branch

Email: dorota.slonina@gliwice.nio.gov.pl

Research Interests: predictive assays for normal tissue radiotoxicity, low-dose hyper-radiosensitivity

Councillors appointed by the Radiation Research Society (RRS)



Bruce Kimler (US)

Professor and Vice-Chair, Research and Faculty Development,

Department of Radiation Oncology

University of Kansas Medical Center

Email: bkimler@kumc.edu

Research Interests: Development and utilization of biomarkers for prediction, prevention, and detection of breast cancer; and use in the conduct of Phase I and II clinical trials of potential chemopreventive agents. Analysis of clinical data for elucidation of prognostic and predictive factors related to clinical outcomes. The development of biological test systems by which the interactions of ionizing radiation with cancer therapeutic modalities and environmental factors can be tested.



Richard A. Britten (US)

Professor, Radiation Oncology
Eastern Virginia Medical School

Email: Brittera@evms.edu

Research Interests: Radiation effects on the CNS, with special emphasis on cognition, psychological, sleep and sensorimotor deficits. Space radiation and ion-therapy. Changes in neural network activity under cognitive loading, and determining the impact that exogenous stressors have on neural network cohesion. Radiation exposure biomarkers. Combined effects of radiation and chemotherapy.



Ashley P. Golden (US)

Epidemiologist and Senior Director, Health Studies
Oak Ridge Institute for Science and Education
Oak Ridge Associated Universities

Email: ashley.golden@orau.org

Research Interests: Radiation epidemiology; Occupational exposures to radiation, beryllium, and other hazards associated with nuclear fuel and weapons processes; Risk modelling and biostatistics; longitudinal surveillance of US Department of Energy workers and Atomic Veterans.

Councillor appointed by the Italian Radiation Research Society (SIRR)



Silva Bortolussi (Italy)

Associate Professor
University of Pavia, Department of Physics "Alessandro Volta"

Email: silva.bortolussi@unipv.it

Research Interests: Boron Neutron Capture Therapy, dosimetry, treatment planning, radiobiology