# International Commission on Radiological Protection

## **ICRP Committee 2: Doses from Radiation Exposure**

Committee 2 (C2) develops dosimetric methodology for the assessment of internal and external radiation exposures, including reference biokinetic and dosimetric models and reference data and dose coefficients, for use in the protection of people and the environment.



#### **Members (left to right)**

Chan Hyeong Kim, Hanyang University, Korea Francois Paquet (Vice-Chair), IRSN, France Frank Wissmann, Federal Office of Radiation Protection, Germany Maria Antonia Lopez, CIEMAT, Spain

#### **Current Work**

Task Group 36: Radiation Dose to Patients in Diagnostic Medicine

Task Group 79: The Use of Dose Quantities in Radiological

**Derek Jokisch**, Francis Marion University, USA

Eric Blanchardon, IRSN, France

Alexander Ulanowski, International Atomic Energy Agency, Austria

Nina Petoussi-Henss, Helmholtz Zentrum München, Germany

John Harrison (Chair), Oxford Brookes University and Public Health England, UK

Augusto Giussani, Federal Office for Radiation Protection, Germany

Volodymyr Berkovskyy, Ukrainian Radiation Protection Institute and NRCRM, Ukraine

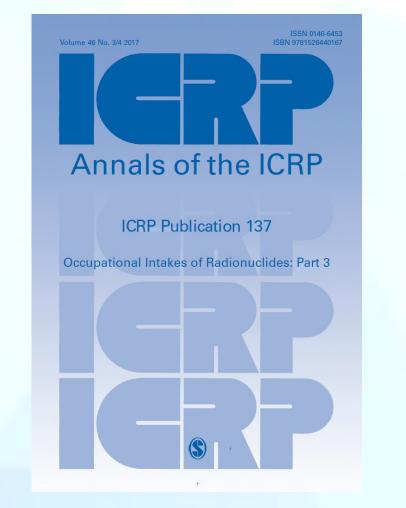
**Rich Leggett**, Oak Ridge National Laboratory, USA

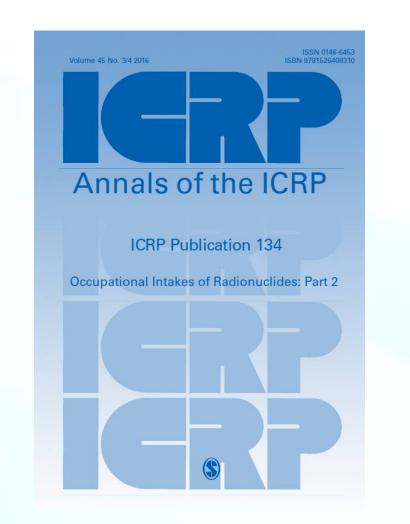
Wesley Bolch (Secretary), University of Florida, USA

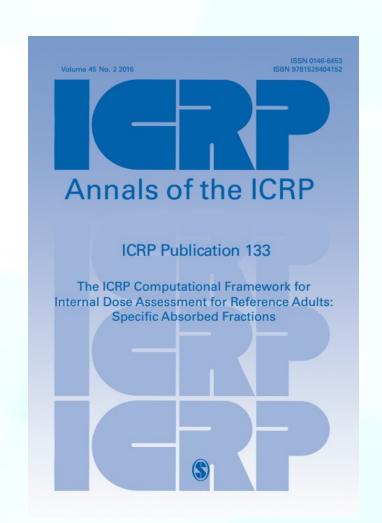
**Tracy Smith**, Public Health England, UK

Tatsuhiko Sato, Japanese Atomic Energy Agency, Japan Junli Li, Tsinghua University, China

### **Recent Publications**







#### Protection

Task Group 90: Age-dependent Dose Conversion Coefficients for External Exposure to Environmental Sources

Task Group 95: Internal Dose Coefficients

Task Group 96: Computational Phantoms and Radiation Transport

Task Group 103: Mesh-type Reference Computational Phantoms

Task Group 112: Emergency Dosimetry

Task Group 113: Radiation Dose to Patients in Diagnostic X-ray Imaging

#### **Looking Ahead**

The next report from C2 is in press as Publication 141 -Occupational Intakes of Radionuclides: Part 4 from TG95

The TG79 and 90 reports are approved for publication

- Also approved for publication are reports on reference phantoms of the human body - pediatric models from TG96 and adult models from TG103
- TGs 112 and 113 are newly established TG112 will consider the rapid response for assessing high doses and tissue reactions – TG113 on X-ray imaging will mirror TG36 on radiopharmaceuticals
- Consideration is being given to requirements for dose assessments for non-human biota following Publication 136

