
WG7- Internal Dosimetry

David Broggio, ASNR - WG7 Chairperson

Zsófia Rékasi, HUN-REN

Thomas Makumbi, KIT

February 16th, 2026

EURADOS Annual Meeting

Helsinki, Finland

EURADOS WG7

assessment of doses due to intakes of radionuclides

harmonization
guidance
biokinetics
emergency
measurements
training
intercomparison
nuclear-medicine

60 Institutes from 24 countries

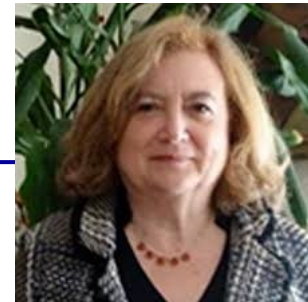
170+ members
38 full members

6 running activities

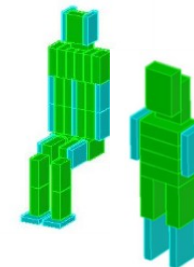
EURADOS WG7

> Emergency

- Age-dependent thyroid phantoms for in vivo monitoring.
- Calibration, monitoring and dose assessments in case of wound contamination-*in collaboration with WHO/REMPAN and ASNR.*
- Emergency In Vitro Bioassay methods –*in collaboration with PROCORAD.*
- Experimental and numerical intercomparison of whole body monitoring for children.



Maria-Antonia Lopez, CIEMAT



Tue : 09:00 – 12:30, Room 204

EURADOS WG7



Bastian Breustedt, BfS

➤ Education and training

- Training course @AM2026: 41 participants.
- 2nd Edition of ICRP/EURADOS training course scheduled for November (23-27)@BfS, Munich.
- Discussion @ AM 2026.
 - 2nd edition of TECHREC Training Course in 2027
 - Find organizing committee and lecturers
 - Review and update Materials, location, budget, ...
 - Other trainings (e.g., Monte Carlo)?
 - Electronic formats for training? link to other WG of EURADOS?

Tue : 16:00-18:00, Room 213



EURADOS WG7

> Internal dosimetry for radiopharmaceuticals

Towards a roadmap for patient specific dosimetry

- EURADOS report 2024-03.
- Opinion paper submitted to EJNMMI Physics.

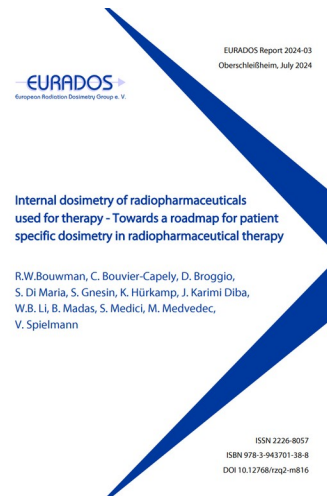
Towards personalized dosimetry based
prescription of therapeutic radiopharmaceuticals:
an EURADOS vision

Authors: R.W. Bouwman¹, C. Bouvier-Capely², D. Broggio³, S. Di Maria³, S. Gnesin⁴, K. Hürkamp⁵, J. Karimi Diba⁶, W.B. Li⁷, B. Madas⁷, S. Medici⁸, M. Medvedec⁸, V. Spielmann⁹

UNDER REVIEW

Currently planning future project

- Small scale dosimetry.
- Radiation protection distribution quantification.
- Radiobiology and dose rate effects.



Ramona Bouwman, NRG PALLAS

Tue : 09:00-10:30, Room 101c

Joint meeting WG6,7,12,13

EURADOS WG7

Running activities

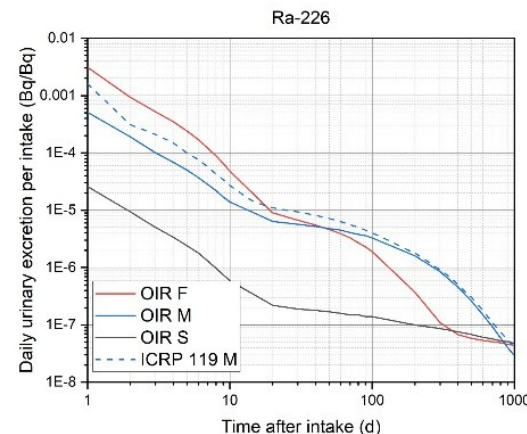
> OIR Guidance document

- Understanding and applying the new ICRP “Occupational intakes of radionuclides”
- Report will be finished this year
- Planning future tasks

Tuesday : 13:30 – 15:30, Room 218



Dietmar Nosske, BfS,
retired



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Running activities

> ICIDOSE#2 Intercomparison

- Organize and evaluate the results of dose assessment.
- 3 years (2022 – 2025)
- 41 participants from 22 country, sent 164 results
- Report is ready to be released (~295 pages).
- Planning the next one.

Tuesday : 13:30-15:30, Room 213



*Tamás Pázmándi,
HUN-REN Center for
Energy Research*



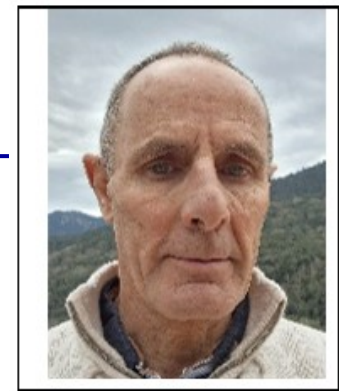
EURADOS WG7

Running activities

➤ CADORMED Software

- A free software to assess dose from bio-assay measurements.
- Validation of CADORMed III is accomplished
- EURADOS report in progress
- New pilot project: Application of AI in internal dose assessment

Tuesday : 16:00-18:00, Room 218



Bernard Landry, EDF

