



## **RENEB oral presentations January 2012 - 31 December 2015**

- **First RCM on Strengthening of Biological Dosimetry in IAEA Member States:**  
Improvement of Current Techniques and Intensification of Collaboration and Networking among the Different Institutes (CRP E3.50.08),  
21st - 23th March 2012, IAEA, Vienna, Austria  
*Ulrike Kulka on behalf of the RENEB Consortium,*  
RENEB – Realizing the European Network of Biological Dosimetry.
- **HFM-223 Symposium on BIOLOGICAL EFFECTS OF IONIZING RADIATION EXPOSURE AND COUNTERMEASURES: CURRENT STATUS AND FUTURE PERSPECTIVES**  
8-10 October 2012, Ljubljana, Slovenia  
*P. Voisin on behalf of the RENEB Consortium,*  
RENEB – Realizing the European Network in Biological Dosimetry
- **4th International MELODI Workshop 12 –14 September 2012, Helsinki, Finland**  
*E.A. Ainsbury, F. Trompier, P. Fattibene, A. Wojcik, U. Kulka*  
Biological and physical dosimetry based dose estimation and associated uncertainty
- **7th Dresden Symposium Hazards – Detection and Management – Int. Conference**  
March 3 – 8, 2013, Dresden/ Germany  
*Ulrike Kulka on behalf of the RENEB Consortium,*  
RENEB – Realizing the European Network in Biological Dosimetry
- **3<sup>rd</sup> Coordination Meeting of the WHO BioDoseNet**  
24 March 2013, Leiden, The Netherlands  
*Ulrike Kulka on behalf of the RENEB Consortium,*  
RENEB – Realizing the European Network of Biological Dosimetry
- **EPRBioDose International Conference**  
24 – 28 March 2013, Leiden, The Netherlands  
*Ulrike Kulka on behalf of the RENEB Consortium,*  
RENEB – Realizing the European Network of Biological Dosimetry
- **ConRad - Global Conference on Radiation Topics Preparedness, Response , Protection, Research**  
14 May 2013, Munich, Germany  
*Ulrike Kulka on behalf of the RENEB Consortium,*  
RENEB – Realizing the European Network of Biological Dosimetry

- **40th Annual Meeting of the European Radiation Research Society (ERR 2013)**  
 2 – 5 September 2013, Dublin, Ireland  
*Ulrike Kulka on behalf of the RENE B Consortium,*  
 RENE B – Realizing THE EUROPEAN NETWORK OF BIODOSIMETRY
- **5th International MELODI Workshop**  
 8-10 October 2013, Brussels, Belgium  
*Ulrike Kulka on behalf of the RENE B Consortium,*  
 RENE B – Realizing the European Network of Biodosimetry  
[http://www.melodi-online.eu/ws5\\_pres.html](http://www.melodi-online.eu/ws5_pres.html)
- **Meeting and press conference “ARE WE PREPARED FOR A LARGE SCALE RADIOLOGICAL ACCIDENT IN EUROPE?”**  
 26 February, 2014, Hospital Universitario y Politécnico La Fe, Valencia, Spain  
*Andrzej Wojcik*  
 MULTIBIODOSE  
*Ulrike Kulka*  
 RENE B - Realizing the European Network of Biodosimetry
- **Fachverband Strahlenschutz, 3 April 2014, Jülich, Germany**  
*Ulrike Kulka*  
 RENE B – Aufbau des Europäischen Biodosimetrie Netzwerkes
- **14th Coordination and Planning Meeting of the WHO REMPAN, 07-09 May 2014,**  
 Wuerzburg, Germany  
*Ulrike Kulka on behalf of the RENE B Consortium,*  
 Integrating of RENE B in the European radiation emergency preparedness and research area  
*Alexandra Cucu*  
 RENE B project in Romania
- **IRPA 2014, 23-27 June 2014, Geneva, Swiss**  
 Session: S3-8: Emergencies, Safety & Security  
*Ulrike Kulka on behalf of RENE B Consortium*  
 RENE B – Status Quo of the Biodosimetry Network  
*Moquet J, Barnard S, Ainsbury EA, Al-Hafidh J, Hadjidekova V, Hristova R, Lindholm C, Monteiro Gil O, Moreno M, Rossler U, Thierens H, Vandevorde C, Vral A, Wojewodzka M and Rothkamm K.*  
 Telescoring and laboratory inter-comparison exercise of the gamma-H2AX biodosimetry assay
- **H.63 Group, 2nd workshop, 1-2 April 2014, Stockholm, Sweden**  
*Andrzej Wojcik: "RENE B and MULTIBIODOSE projects"*

- **ISCA11, 14-19 September 2014, Rhodes, Greece**  
*Terzoudi Georgia*  
 Absorbed dose estimation using centromeric / telomeric pna probes for chromosomal aberration analysis directly in non-stimulated lymphocyte prematurely condensed chromosomes.
- **NCT CBRNe Europe, Enhancing preparedness for RN Mass Casualty incidents**  
 2-3 September 2014, Leipzig, Germany  
*Oestreicher U on behalf of the RENEb Consortium,*  
 Realizing an European Network of Biological Dosimetry (RENEb)
- **6th International MELODI Workshop, October 07 – 09, 2014, Barcelona, Spain**  
*Ulrike Kulka on behalf of the RENEb consortium*  
 Contribution of RENEb to Research Infrastructure
- **Silesian University of Technology Seminar,**  
 28 November 2014, Gliwice, Poland  
 Andrzej Wojcik  
 Biological dosimetry
- **Annual meeting Italian Society of Radiation Research (SIRR), 6th-8th November 2014,**  
 Pavia, Italy  
*Testa, C. Patrono , V. Palma, P. Fattibene, E. Bortolin, C. De Angelis, S. Della Monaca, M.C. Quattrini , F. Palitti, S. Filippi, R. Meschini*  
 IL CONTRIBUTO ITALIANO al Progetto “RENEb” (Realizing the European NEtwork of Biodosimetry)
- **Open RENEb Session “Biodosimetry Networks for the preparedness of a Large Scale Radiological Emergency”,** ENEA Headquarter, 6th March 2015, Rome, Italy  
*Ulrike Kulka*  
 RENEb - Realizing the European Network of Biodosimetry
- **Workshop LOWDOSE-PT 2015** Biological effects and risk of low dose and protracted exposures to ionizing radiation. IST, Campus Tecnológico e Nuclear, Bobadela, Portugal, 15-16 April 2015  
*Octávia Monteiro Gil*  
 International intercomparisons: Validation of biomarkers for evaluation of ionizing radiation mass casualties
- **DoReMi Workshop on Infrastructures for radiation biology research**  
 Preparing for the transfer from DoReMi to CONCERT, April 27-28, 2015, Port Sitges, Spain  
*Ulrike Kulka*  
 RENEb

- **Global Conference on Radiation Topics (ConRad), 4–7 May 2015, Munich, Germany**

*U. Oestreicher, E. Ainsbury, A. Baeyens, L. Barrios, C. Beinke, P. Beukes, A. Cucu, A. De Amicis, A. De Sanctis, M. Di Giorgio, I. Dominguez, P.N. Duy, M. Espinoza, O. Monteiro Gil, E. Gregoire, C. Guerrero-Carbajal, V. Hadjidekova, U. Kulka, A. I. Lamadrid, C. Lindholm, K. Lumniczky, W. Martinez-Lopez, R. M'kacher, J. Moquet, A. Montoro, M. Moreno, M. Noditi, F. Palitti, J. Pajic, D. Samaga, J. Slabbert, S. Sommer, M. Stuck Oliveira, Y. Suto, A. Testa, P. Valdivia, A. Vral, D. Zafiroopoulos, R. Wilkins, L. Yanti, A. Wojcik*  
Inter-laboratory comparison on the dicentric chromosome assay in the frame of the European Network of Biodosimetry – RENEb

*Ulrike Kulka on behalf of the RENEb Consortium,*  
Biological dosimetry for large scale radiological incidents

*Andrzej Wojcik*

European networking in biological dosimetry: results of two performance intercomparisons carried out within the RENEb project

*F. Trompier, C. Bassinet, E. Bortolin, C. Burbidge, C. De Angelis, S. Della Monaca, P. Fattibene, R. Smith, A. Wieser, C. Woda, A. Wojcik and U. Kulka*  
Contribution of physical dosimetry methods in the European network RENEb for population triage application

- **Int. Congress of Radiation Research ICRR2015,**  
25.-29. Mai 2015, Kyoto, Japan

*Andrzej Wojcik*

Biological Dosimetry in Large Scale Accidents

*Ricoul M, M'kacher R, Shim G, ELMaalouf E, Terzoudi G, Pantelias G and L. Sabatier*  
New tools for biological dosimetry ; Detections of dicentric chromosomes with telomere and centromere staining in metaphases and in PCC (prematurely condensed chromosomes) permit to reevaluate the dose effect relationship, to facilitate RBE quantification and to develop automation

- **RAD2015 4th International Conference On Radiation And Applications in Various Fields Of Research,** 8.-12. June 2015, Budva, Montenegro

*Katalin Lumniczky*

RENEb The Road towards a European Biodosimetry Network

- **First International Conference on Risk Perception, Communication and Ethics of Exposures to Ionising Radiation (RICOMET 2015),**

15th to 17th of June 2015, Brdo Castle, Slovenia

*S. Sommer*

RENEb – biodosimetry network – solution to enhance positive radiation perception in European society

- **3rd Hellenic Forum for Science, Technology & Innovation: Innovation in Radiation Protection.** 29 June - 3 July 2015 Athens, Greece  
*Georgia I. Terzoudi*  
 Absorbed dose estimation using Centromeric / Telomeric PNA probes for chromosomal aberration analysis directly in non-stimulated lymphocyte prematurely condensed chromosomes
- **Technical Meeting “Future of Biodosimetry in Asia: Promoting a Regional Network”, National Institute of Radiological Science in collaboration with IAEA**  
 14-18 September 2015, NIRS, Chiba, Japan  
*Ulrike Kulka on behalf of the RENEb Consortium,*  
 The European Biodosimetry Network:  
 Experiences and challenges to establish and maintain a network of biodosimetry
- **The 4<sup>th</sup> Coordination Meeting of the WHO BioDoseNet,**  
 04 October, 2015 Hanover, USA  
*Ulrike Kulka*  
 RENEb The European Biodosimetry Network
- **RENEb Open Meeting, October 4, 2015, Dartmouth College, Hanover, USA**  
*Laurence Roy*  
 Education, Training and Quality of the dosimetry network  
  
*Andrzej Wojcik*  
 Overview of intercomparisons  
  
*Matthias Port*  
 1<sup>st</sup> intercomparisons of the candidate technique gene expression analysis:  
 Results and lessons learned  
  
*U. Oestreicher, Daniel Samaga*  
 2<sup>nd</sup> intercomparisons on dicentric assay: Results and lessons learned  
  
*Julie Depuydt*  
 2<sup>nd</sup> intercomparisons on BCMN assay: Results and lessons learned  
  
*Elizabeth Ainsbury*  
 Uncertainty analysis methods for emergency biodosimetry
- **EPR BioDose 2015, October 4 - 8, 2015, Hanover, New Hampshire USA**  
*Ulrike Kulka on behalf of the RENEb Consortium,*  
 RENEb The European Biodosimetry Network - overview -

- *Elizabeth A. Ainsbury, Manuel Higuera, Pedro Puig, Jochen Einbeck, Daniel Samaga, Ulrike Kulka, David Lloyd, Joan Francesc Barquinero, Leonard Barrios, Alicja Jaworska, Laurence Roy, Ursula Oestreicher, Francois Trompier, Anne Vral, Georgia Terzoudi, Eric Gregoire, Sylwester Sommer, Clemens Woda, Paola Fattibene, Beata Brzozowska and Andrzej Wojcik*

Estimates of variance for the dicentric, micronucleus and gamma-H2AX radiation biodosimetry assays in a triage scenario

*Paola Fattibene, Cinzia De Angelis, Maria Cristina Quattrini, Francois Trompier, Albrecht Wieser, Maria Brai, Bartłomiej Ciesielski, Sara Della Monaca, Tristan Garcia, H. Gustafsson, Eli Olaug Hole, M. Juniewicz, K. Krefft, Anna Longo, Philippe Leveque, Eva Lund, Maurizio Marrale, Barbara Michalec, Gabriela Mierzwińska, J.L. Rao, Alexander A. Romanyukha, Hasan Tuner*

Influence of environmental parameters on the dosimetric EPR response of gorilla glass touchscreen glass

*Ulrike Kulka*

RENEB The European Biodosimetry Network- Future -

**RENEB Session at EPRBioDose, 7th October 2015, 8.00– 10.00:**

*Andrzej Wojcik*

European networking in biological dosimetry: results of two performance intercomparisons carried out within the RENEB project

*Ursula Oestreicher*

Results of a global inter-laboratory comparison on the dicentric chromosome assay in the frame of the European Network of Biodosimetry – RENEB

*Julie Depuydt*

Lessons learned from the Inter-laboratory comparisons for the micronucleus assay in the frame of the European Network of Biodosimetry

*Francois Trompier*

Investigation of the influence of calibration practices on cytogenetic laboratory performance for dose estimation within RENEB

*Jayne Moquet-Bricknell*

The second gamma-H2AX inter-comparison exercise carried out in the framework of the European Project - Realising the European Network of Biodosimetry (RENEB)

*Laure Piqueret-Stephan*

On the potential of new biodosimetry techniques: detection of dicentric chromosomes with telomere and centromere (TC) staining in metaphases and PCC  
- Optimization and comparison to the current gold standard method

*Georgia Terzoudi*

Triage biodosimetry using centromeric / telomeric PNA probes and Giemsa staining to score dicentrics or excess fragments in non-stimulated lymphocyte prematurely condensed chromosomes

*Matthias Port*

Examining radiation induced in vivo and in vitro gene expression changes of the peripheral blood in different laboratories for biodosimetry

▪ **7. MELODI Workshop, 09.-11.November 2015, Munich, Germany**

*U. Kulka*

RENEB – The Future

▪ **RENEB Dissemination Meeting, 26<sup>th</sup> November 2015, Brussels, Belgium**

*Andrzej Wojcik*

What is biodosimetry and why is it needed for medical management

*Laurence Roy*

Why biodosimetry should be available in each country?

*Ulrike Kulka*

The European Biodosimetry Network

*Alicja Jaworska*

Cooperation and links of the European Network of Biodosimetry