



# MELODI Workshop on Individual Radiosensitivity and Radiosusceptibility CONCERT WP2, WP3, WP6

**First day: Monday 12<sup>th</sup> March 2018**

## **Introduction to the workshop**

- 9h00-9h10: **Laure SABATIER, CEA (FR) (MELODI Organizing Committee)**

Welcome MELODI and CONCERT joint WPs

- 9h10-9h30: **Sisko SALOMAA, UEF (FI) (MELODI Vice Chair)**

## **Objectives of the workshop**

- 9h30-9h50: **Michaela KREUZER, BfS (DE) (MELODI SRA WG)**
- 9h50-10h00: **Michel BOURGUIGNON IRSN (Fr)**

## **Cross-Cutting issues with platforms**

- 10h00- 10h10: **Christoph HOESCHEN, University of Magdeburg (DE) (EURAMED)**
- 10h10-10h20: **Christelle ADAM-GUILLERMIN, IRSN (FR) (ALLIANCE)**

*10h20-10h50: Coffee break*

## **TOPIC 1: Clinical and epidemiological observations**

**Chair: Michel BOURGUIGNON, IRSN (FR), MELODI co-chair: Michaela KREUZER, BfS (DE)**

### **SESSION A: Observations in clinical practice on RT (and /or CT), cancer (and/or non cancer) on patients**

- 10h50-11h20: Introduction talk by **Georges NOEL, Paul Strauss Center (FR)**
- 11h20-11h40: **Petra SEIBOLD, DKFZ Heidelberg (DE)**

### **SESSION B: Suitable cohorts of low dose radiation (workers, environment, medicine)**

- 11h40-12h10: Introduction talk by **Maria BLETTNER, University of Mainz (DE)**
- 12h10-12h30: **Olivier LAURENT, IRSN (FR)**

*12h30-14h00: Lunch*

### **SESSION C: Suitable cohorts of RT patients**

- 14h30-15h00: Introduction talk by **Michael HAUPTMANN, NKI (NL)**
- 15h00-15h20: **Elisabeth CARDIS, ISGlobal (SP)**
- 15h20-15h40: **Anssi AUVINEN, STUK (FI)**

*15h40-16h10: Coffee break*

### **Special session of topic 1: Infrastructures**

- 16h10-16h40: Introduction talk by **Laure SABATIER, CEA (FR) (MELODI WG & CONCERT WP Infrastructures)**
- 16h40-17h00: **Analytical Platforms (Genomics) Roel QUINTENS, SCKCEN (BE)**
- 17h00-17h20: **Analytical Platforms (Proteomics, Metabolomics) Soile TAPIO, Helmholtz Munich (DE)**
- 17h20-17h40: **Analytical Platforms (System biology) Gabriele BABINI, University of Pavia (IT)**
- 17h40-18h00: **Biobanking Platforms Jaana HARTIKAINEN, UEF (FI)**

## Second day: Tuesday 13<sup>th</sup> March 2018

### **TOPIC 2: Mechanisms involved in radiation sensitivity**

Chair: Maria BLETTNER, University of Mainz (DE), MELODI co-chair: Dietrich AVERBECK, CEA (FR)

#### **SESSION A: Fundamental aspects (genetics, epigenetics)**

- 8h30-9h00: Introduction talk by Penny JEGGO, University of Sussex (UK)
- 9h00-9h20: Siamak HAGHDOOST, University of Stockholm (SU), UniCaen/CEA(FR)
- 9h20-9h40: Anna FRIEDL, Helmholtz Munich (DE)

#### **SESSION B: Biological aspects (normal tissues and cancers/non cancers)**

- 9h40-10h10: Introduction talk by Nicolas FORAY INSERM (FR)
- 10h10-10h30: François PARIS, INSERM, University of Nantes (FR)

10h30-10h50: Andrzej WOJCIK, University of Stockholm (SU)

*10h50-11h20: Coffee break*

#### **SESSION C: Immunological aspects**

- 11h20-11h50: Introduction talk by Serge CANDEIAS, CEA (FR)
- 11h50-12h10: Katalin LUMNICZKY, OSSKI (HU)
- 12h10-12h30: Piotr WIDLAK, MSCI (PL)

*12h30-14h00: Lunch*

#### **Special Session of TOPIC 2: Lessons learnt from studies issued on different species**

14h00-14h45: Sudhir CHANDNA, Institute of Nuclear Medicine and Allied Sciences (IN)

14h45-15h30: Miroslav RADMAN, UParis-V (FR)-Mediterranean Institute for Life Sciences, Split (HR)

*15h30-16h00: Coffee break*

### **TOPIC 3: Screening systems (Tests for individual radiosensitivity/susceptibility; identification of sensitive subpopulations)**

Chair: Christoph HOESCHEN, University of Magdeburg (DE), MELODI co-chair: Elisabeth CARDIS, ISGlobal (SP)

#### **SESSION A: Biological markers of individual radiation sensitivity**

- 16h00-16h30 Introduction talk by Benjamin BLYTH, Peter MacCallum Cancer Centre (AUS)
- 16h30- 16h50: Christophe BADIE, PHE (UK)

#### **SESSION B: Robustness of different test systems and validation on workers and patients**

- 16h50-17h20: Introduction talk by Christopher TALBOT, University of Leicester (UK)
- 17h20-17h40: David AZRIA, ICM (FR)
- 17h40-18h00: Maria GOMOLKA, BfS (DE)

## Third day: Wednesday 14<sup>th</sup> March 2018

### Brainstorming and the position paper(s)/questions addressed/MELODI priority statement

- 8h30-9h: **Dietrich AVERBECK**, CEA (FR) (MELODI SC)

### Introduction to social context and ethics, societal questions

- 9h00-9h30: **Deborah OUGHTON**, NMBU (NO)/
- 9h30-10h00: **Christopher KALMAN**, University of Glasgow (UK)

*10h00-10h30: Coffee break*

### Parallel working sessions of each topic

- 10h30-12h30: "Answering" to questions issued and prepared from webinar

*12h30-14h00: Lunch*

### Synthesis session of each topic

#### 20min synthesis + 40mn discussion

- structuring the position paper(s) state of the art
  - social and scientific priorities
  - open questions
  - new research lines
  - recommendations
  - the way forward : agenda, backward scheduling for the position paper(s), contributors list
- 14h00-15h00: TOPIC 1
  - 15h00-16h00: TOPIC 2

*16h00-16h30: Coffee Break*

- 16h30-17h30: TOPIC 3

### Conclusions and Closing

- 17h30-17h35: **Sisko SALOMAA**, UEF (FI) (MELODI Vice Chair)
- 17h35-17h45: **Dietrich AVERBECK**, CEA (FR) (MELODI SC)
- 17h45-17h55: **Michaela KREUZER**, BfS (DE) (MELODI SRA WG)
- 17h55-18h00: **Laure SABATIER**, CEA (FR) (MELODI Organizing Committee)