

# Third International MELODI Workshop

## Program

Time	November 2, 2011	November 3, 2011	November 4, 2011		
08:30-08:45		Lecture: what radioprotection can request to radiobiology			
08:45-09:00					
09:00-09:15					
09:15-09:30			Experimental studies 1	Target of low dose radiation 1	
09:30-09:45					
09:45-10:00					
10:00-10:15			Experimental studies 2	Target of low dose radiation 2	
10:15-10:30					
10:30-10:45					
10:45-11:00			Poster session/Coffee break	Poster session/Coffee break	
11:00-11:15					
11:15-11:30					
11:30-11:45		Experimental studies 3	Target of low dose radiation 3		
11:45-12:00					
12:00-12:15	Registration				
12:15-12:30					
12:30-12:45				General discussion	General discussion
12:45-13:00					
13:00-13:15		Lunch	Lunch		
13:15-13:30					
13:30-13:45	Welcome address				
13:45-14:00				Biological Mechanisms 1	DoREMi state of art
14:00-14:15					
14:15-14:30					
14:30-14:45		Biological Mechanisms 2	Workshop summary and closing		
14:45-15:00					
15:00-15:15	MELODI Strategic Resesearch Agenda				
15:15-15:30					
15:30-15:45		Poster session/Coffee break			
15:45-16:00	Coffee break				
16:00-16:15		Biological Mechanisms 3			
16:15-16:30					
16:30-16:45	Epidemiology 1				
16:45-17:00		General discussion			
17:00-17:15					
17:15-17:30					
17:30-17:45	Epidemiology 2				
17:45-18:00					
18:00-18:15					
18:15-18:30	General discussion				

## ***Wednesday, November 2***

### **Opening session:**

MELODI Strategic Research Agenda

Dietrich Averbeck

### **Session on Epidemiology of ionizing radiation:**

1. DDREF: lights and shadows
2. Childhood leukemia and ionizing radiation

Dale Preston

Richard Wakeford

## ***Thursday, November 3***

### **The point of view of radioprotectionists:**

What radioprotection can request to radiobiology

Patrik Smeesters

### **Session on Experimental models:**

1. Radiation effects on cancer- and non-cancer stem cells
2. Radiation induced cardiovascular disease
3. Individual radiation susceptibility and cancer risk

Michele Martin

Fiona Stewart

Mike Atkinson

### **Session on Biological mechanisms of radiation action:**

1. Age and gender relevance for the evaluation of radiation risk
2. Inducible response: low versus high doses
3. Oxidative stress and inflammatory response: what role?

Wolfgang-Ulrich Müller

Markus Löbrich

Chrysostomos Chatgililoglu

## ***Friday, November 4***

### **Session on Targets of low dose radiation: physical and biological issues:**

1. Early effects relevant for biological damage
2. Dose rate effects: spatial and temporal damage distribution
3. DNA damage response, senescence and cancer

Andrea Ottolenghi

Peter O'Neill

George Garinis

### **DoReMi state of art:**

The EU NoE DoReMi: where we are

Sisko Salomaa

### **Workshop summary:**

Rapporteurs:

Kevin Prise, Laure Sabatier

***Poster sessions are foreseen during the breaks***

**Titles to be confirmed**