

EEMGS 2019-RENNES 19-23 May-Preliminary Program

Sunday May 19th

16h00 **Registration**
18h00 **Opening ceremony**

18h15 **Plenary lecture**
Ivan Matic, Inserm U1001, France “Genetic stability, DNA repair and ROS”

19h15-21h00 **Welcome Reception**

Monday May 20th

08h00 **Registration**

08h30 **Plenary lecture**
Kristine Witt, NIH, USA “The genotoxicity evaluation in Tox21 program: Past, present and Future”

9h30-10h30 **Session I DNA repair and chromosomal instability (Part I)**
Robert Fuchs

Filippo Roselli

Session II Genotoxicity of nanomaterials (Part I)

Valérie Fessard Impact of solubility properties of nanomaterials on their genotoxicity properties

Marie Carrière E171 TiO₂ → genotoxic or not?

10h30-11h00 Coffee Break

11h00-12h30 **Session I DNA repair and chromosomal instability (Part II)**
Jean-Sebastien Hoffmann

Short communication (15')

Short communication (15')

Session II Genotoxicity of nanomaterials (Part I)

Pulmonary 3D model in genotoxicity testing of nanomaterials

Shareen Doak Genotoxicity assessment of nanomaterials: recommendations on best practices, assays and methods.

Short communication (15')

Short communication (15')

12h30-13h30 Lunch

13h30-15h00 **Session III Advance in Radiotoxicology**
Claudia Fournier Two sides of the same coin: genetic risk and potential health effects of radon exposure
Siamak Haghdoost “The role of cellular nucleotide pool in stress-induced mutagenesis”
Short communication (15')
Short communication (15')

Session IV High Content Screening in Genotoxicity (Part I)

Bob van de Water High-content imaging-based BAC-GFP toxicity pathway reporters to assess chemical adversity liabilities.

Marc Audebert H2AX/pH3 in different cell lines to investigate MOA of genotoxicity compounds

Short communication (15')

Short communication (15')

15h00-15h30 Coffee Break

15h30-17h00 **Session IV Strategies in genotoxicology: Acceptance of innovative scientific methods in a regulatory context: Strengths and Weaknesses**
Speaker From regulatory point of view

Guy Steiblen, Solvay, to an industrial perspective
Open debat with assistance (30')

Session V High Content Screening in Genotoxicity (Part II)

Roland Frötschl Development and validation of a high-throughput transcriptomic biomarker to address 21st century genetic toxicology needs

Amaya Azqueta High-throughput comet assay, comet Chip

Short communication (15')

Short communication (15')

17h00-19h00 **Poster session I**

Tuesday May 21th

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08h00	Registration	
08h30	Plenary lecture Cristian Tomasetti Stem cell divisions, somatic mutations, cancer etiology, and cancer prevention	
9h30-10h30	Session VI Mixture Effects (Part I) Daniela Maurici , EFSA, "How to assess genotoxicity of chemical mixtures?" Balaguer Patrick Mixture effects on nuclear receptors	Session VII New in vitro models in genotoxicology (Part I) Gareth Jenkins 3D in vitro models in genotoxicology: a real benefice? X. Gidrol
10h30-11h00	Coffee Break	
11h00-12h30	Session VI Mixture Effects (Part II) Jacob van Klaveren H2020 Euromix project → a feedback Speaker to be defined <i>Short communication (15')</i> <i>Short communication (15')</i>	Session VII New in vitro models in genotoxicology (Part II) Sebastian Honnen Caenorhabditis elegans as a powerful alternative model organism in genetic toxicology? Sophie Langouet Analysis of DNA damage in a new in vitro 3D human hepatocyte model <i>Short communication (15')</i> <i>Short communication (15')</i>
12h30-13h30	Lunch	
13h30-14h30	EEMGS general assembly	
14h30-16-30	Session VIII Epigenotoxicology and transgenerational effects Giacomo Cavalli , Drosophila melanogaster as a paradigm of chromatin-mediated transgenerational epigenetic inheritance Carol Beevers Identifying Germ Cell Mutagens using OECD Test Guideline 488 and Integration with Somatic Cell Testing <i>Short communication (15')</i> <i>Short communication (15')</i>	Session IX Mutational signatures Jiri Zavadil David Phillips <i>Short communication (15')</i> <i>Short communication (15')</i>
16h30-17h00	Coffee Break	
17h00-19h00	Poster session II	
19h00	SFTG General Assembly	
Wednesday May 22th		
08h00	Registration	
8h30-09h15	Fritz Sobel awards	
9h15-10h45	Session X Advances in genotoxicity testing (Part I) R. Corvi how to enhance in vitro genotoxicity tests? The miniaturised bacterial gene mutation test (Ames test)→ An update (orateur à définir) Bob Heflich RH Pig-a vivo → ready for a OECD guideline?	Session XI Adductomics (Part I) Paul White HAPs, DNA adducts and mutations → BaP a reference compound ? Lynn Vanhaecke <i>Short communication (15')</i> <i>Short communication (15')</i>
10h45-11h00	Coffee Break	
11h00-12h00	Session X Advances in genotoxicity testing (Part II) Melanie Guerard Combination of Pig-a, micronucleus and comet assays to determine the in vivo genotoxicity endpoints-Practical aspects	Session XI Adductomics (Part II) Raphaël Delépée Analysis and screening of DNA adducts as a contribution to cancer aetiology comprehension in the exposome

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V. Thybaud What's news in testing strategy in genetic toxicology

Short communication (15')

12h00-12h30

Young scientist award EEMGS

12h30-13h30

Lunch

13h30-18h00

Free Afternoon-Social Program

20h00

Dinner

Thursday 23th May

08h00

Registration

09h00

Plenary Lecture

Robert Barouki The exposome in practise

10h00-11h00

Session XII -Mechanism of action in carcinogenesis (Part I)

Kathryn Z Guyton Application of the key characteristics of carcinogens in cancer hazard identification

Fabrice Pierre Red and processed meat in colorectal carcinogenesis

11h00-11h30

Coffee Break

11h30-12h30

Session XII -Mechanism of action in carcinogenesis (Part II)

Arlt VM The role of cytochrome P450 enzymes in carcinogen activation and detoxication: an in vivo–in vitro paradox

Speaker to be confirm

12h30

Cloture

14h00-18h00

HUMM project: Workshop