

# EEMGS 2019-RENNES 19-23 May-Preliminary Program

## Sunday May 19th

16h00 18h00	<b>Registration</b> <b>Opening ceremony</b>
18h15	<b>Plenary lecture</b> <b>Ivan Matic, Inserm U1001, France “Genetic stability, DNA repair and ROS”</b>
19h15-21h00	<b>Welcome Reception</b>

## Monday May 20th

08h00 08h30	<b>Registration</b> <b>Plenary lecture</b>
	<b>Kristine Witt, NIH, USA “Bridging Traditional Genetic Toxicology and High Throughput Screening Approaches: The Tox21 Program”</b>
9h30-10h30	<b>Session I DNA repair and chromosomal instability (Part I)</b> <b>Session II Genotoxicity of nanomaterials (Part I)</b>
	<b>Robert Fuchs</b> Hierarchy and chronology within lesion tolerance pathways <b>Valérie Fessard</b> Impact of solubility properties of nanomaterials on their genotoxicity properties
	<b>Jean-Sebastien Hoffmann</b> Adaptive mechanisms to replicative stress: Implication of DNA polymerase theta <b>Marie Carrière</b> E171 TiO2 → genotoxic or not?
<b>10h30-11h00</b> 11h00-12h30	<b>Coffee Break</b> <b>Session I DNA repair and chromosomal instability (Part II)</b> <b>Session II Genotoxicity of nanomaterials (Part I)</b>
	<b>Filippo Rosselli</b> From genetic stability to nucleolar homeostasis: the many lives of the FANConi anemia proteins <b>Shareen Doak</b> Genotoxicity assessment of nanomaterials: recommendations on best practices, assays and methods
	<b>To be confirmed</b> <i>Short communication (15')</i> <b>To be confirmed</b> <i>Short communication (15')</i> <i>Short communication (15')</i>
<b>12h30-13h30</b> 13h30-15h00	<b>Lunch</b> <b>Session III Advance in Radiotoxicology</b> <b>Session IV High Content Screening in Genotoxicity (Part I)</b>
	<b>Claudia Fournier</b> Two sides of the same coin: genetic risk and potential health effects of radon exposure <b>Bob van de Water</b> High-content imaging-based BAC-GFP toxicity pathway reporters to assess chemical adversity liabilities.
	<b>Siamak Haghdooost</b> The role of cellular nucleotide pool in stress-induced mutagenesis <b>Marc Audebert</b> Use of the H2AX/pH3 assay to investigate MOA of food contaminants
	<i>Short communication (15')</i> <i>Short communication (15')</i> <i>Short communication (15')</i> <i>Short communication (15')</i>
<b>15h00-15h30</b> 15h30-17h00	<b>Coffee Break</b> <b>Session IV Strategies in genotoxicology: Acceptance of innovative scientific methods in a regulatory context: Strengths and Weaknesses</b> <b>Session V High Content Screening in Genotoxicity (Part II)</b>
	<b>Jan Van Benthem</b> From regulatory point of view <b>Roland Frötschl</b> Development and validation of a high-throughput transcriptomic biomarker to address 21st century genetic toxicology needs
	<b>Guy Steiblen</b> , Solvay, to an industrial perspective <b>Amaya Azqueta</b> High-throughput comet assay, comet Chip Open debate with assistance (30')

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17h00-19h00 Poster session I

## Tuesday May 21th

08h00	Registration	
08h30	<b>Plenary lecture</b> <b>Cristian Tomasetti</b> Stem cell divisions, somatic mutations, cancer etiology, and cancer prevention	
9h30-10h30	<b>Session VI Biomonitoring-Environmental occupational Health</b> Speaker 1	<b>Session VII New in vitro models in genotoxicology (Part I)</b> <b>Gareth Jenkins</b> 3D in vitro models in genotoxicology: a real benefice? <b>To be confirmed</b>
10h30-11h00	Speaker 2 <b>Coffee Break</b>	
11h00-12h30	<b>Session VIII Mixture Effects</b> <b>Daniela Maurici</b> , EFSA, "How to assess genotoxicity of chemical mixtures?" <b>Balaguer Patrick</b> Synergistic activation of nuclear receptors by mixtures of environmental compounds <b>Jacob van Klaveren</b> H2020 Euromix project → a feedback	<b>Session VII New in vitro models in genotoxicology (Part II)</b> <b>Sebastian Honnen</b> Caenorhabditis elegans as a powerful alternative model organism in genetic toxicology? <b>Sophie Langouet</b> 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	<b>Lunch</b>	
13h30-14h30	EEMGS general assembly	
14h30-16-30	<b>Session IX Epigenotoxicology and transgenerational effects</b> <b>Fatima Smagulova</b> Environmentally induced transgenerational epigenetic inheritance <b>Carol Beevers</b> 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>	<b>Session X Mutational signatures</b> <b>Jiri Zavadil</b>  <b>David Phillips</b> Mutational spectra and signatures of environmental mutagens <i>Short communication (15')</i> <i>Short communication (15')</i>
16h30-17h00	<b>Coffee Break</b>	
17h00-19h00	<b>Poster session II</b>	
19h00	<b>SFTG General Assembly</b>	

## Wednesday May 22th

08h00	Registration	
8h30-09h15	<b>Fritz Sobel awards</b>	
9h15-10h45	<b>Session XI Advances in genotoxicity testing (Part I)</b> <b>R. Corvi</b> How to enhance in vitro genotoxicity tests?  <b>Fabrice Nesslany</b> The miniaturised bacterial gene mutation test (Ames test) → An update <b>Bob Heflich</b> RH Pig-a vivo → ready for a OECD guideline?	<b>Session XII Adductomics (Part I)</b> <b>Lynn Vanhaecke</b> High Resolution Mass Spectrometry (HRMS)-based DNA adductomics for unraveling the correlation between meat consumption and colorectal cancer <b>Raphaël Delépée</b> Analysis and screening of DNA adducts as a contribution to cancer aetiology comprehension in the exposome <i>Short communication (15')</i> <i>Short communication (15')</i>

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10h45-11h00	<b>Coffee Break</b>	
11h00-12h00	<b>Session XI Advances in genotoxicity testing (Part II)</b> <b>Andreas Zeller</b> Combination of Pig-a, micronucleus, and comet assay to determine in vivo genotoxicity - advantages and inconveniences <b>V. Thybaud</b> What's news in testing strategy in genetic toxicology	<b>Session XII Adductomics (Part II)</b> <b>Paul White</b> "Quantitative Interpretation of In Vivo Mutagenicity Dose-response Data: Benzo[a]pyrene and Benzene Case Studies", <i>Short communication (15')</i> <i>Short communication (15')</i>
12h00-12h30	<b>Young scientist award EEMGS</b>	
12h30-13h30	<b>Lunch</b>	
13h30-18h00	<b>Free Afternoon-Social Program</b>	
20h00	<b>Dinner</b>	
<b>Thursday 23th May</b>		
08h00	Registration	
09h00	<b>Plenary Lecture</b> <b>Robert Barouki</b> The exposome in practise	
10h00-11h00	<b>Session XIII -Mechanism of action in carcinogenesis (Part I)</b> <b>Kathryn Z Guyton</b> Application of the key characteristics of carcinogens in cancer hazard identification <b>Fabrice Pierre</b> Red and processed meat in colorectal carcinogenesis	
11h00-11h30	<b>Coffee Break</b>	
11h30-12h30	<b>Session XIII -Mechanism of action in carcinogenesis (Part II)</b> <b>Arlt VM</b> The role of cytochrome P450 enzymes in carcinogen activation and detoxication: an in vivo–in vitro paradox <b>Speaker to be confirmed</b>	
12h30	Cloture	
14h00-18h00	<b>HUMM project: Workshop To be confirmed</b>	