



Humane Science in the 21st Century

Scientific Programme – draft April 2013

1. New technologies

- a. Virtual tissue models
- b. HTS
- c. BIG data
- d. Novel computational biology tools
- e. Tissue on a chip
- f. 3D models
- g. Bioreactors
- h. Bioimaging
- i. Monitoring, telemetry
- j. Advanced human-based diagnostic techniques
- k. New readout technologies

2. Predictive Toxicology and safety assessment

- a. Pathway approaches in toxicology (AOP)
- b. Systems biology (-omics)
- c. Update on Tox21
- d. Update on SEURAT-I
- e. Exposure
- f. Topical toxicity
- g. Repeated dose toxicity
- h. Skin sensitization
- i. Endocrine disruption
- j. Genotoxicity / Carcinogenicity
- k. Reproductive and developmental toxicology
- l. Inhalation toxicity
- m. Ecotoxicology
- n. Computational modeling and chem-informatics (e.g. QSAR, mechanistic chemistry)
- o. Risk assessment (e.g. chemicals, drugs, biocides, food, cosmetics, medical devices, nano materials, mixtures, biologicals etc.)
- p. Application in decision making and testing strategies

3. 3Rs in academia and education

- a. Information requirements on researchers (e.g. Directive 63/2010)
- b. Training programs and anticipated needs
- c. 3Rs in academic education
- d. Funding programs (e.g. Horizon 2020)
- e. Funding agencies
- f. Innovative teaching and training tools
- g. Benefits of 3Rs – case studies

4. Communication, dissemination and data sharing

- a. Scientific reporting standards
- b. Retrospective analysis / non-technical summaries (63/2010)
- c. Information systems and databases
- d. Intellectual property and data ownership

5. Efficacy and safety testing of drugs and biologicals

- a. Pathway-based assays
- b. Alternative disease models
- c. Screening strategies
- d. Potency of human and veterinarian vaccines

6. Human relevance (in vivo, in vitro)

- a. Stem cells (screening)
- b. Disease models
- c. Human biomarkers
- d. IVIVE
- e. ADME
- f. Challenges in translational biology
- g. Pros and cons of animal models (plenary)

7. Ethics

- a. Use of materials of human origin
- b. Testing in human volunteers
- c. Distress evaluation
- d. Benefit evaluation
- e. Transgenics

8. Refinement and welfare

- a. NHPs
- b. Primates
- c. Welfare approaches
- d. Humane principles in experimental techniques
- e. Avoidance of severe suffering

9. Global cooperation, regulatory acceptance, standardization

- a. Regulatory acceptance of alternatives
- b. Progressing validation
- c. Update from validation centers
- d. Good cell culture practice
- e. Challenges to 3Rs
- f. Barriers for international harmonization and mutual acceptance
- g. Legal constrains and uncertainties
- h. Trade barriers
- i. Animal welfare implementation across the world
- j. Update from international societies

The abstracts will be published in an international scientific journal focused on 3Rs with impact factor.



9th World Congress
on Alternatives and Animal
Use in the Life Sciences

24–28 August 2014
Prague, Czech Republic



Congress Co-Chairs



Dagmar Jírová



Horst Spielmann

ACT Members

Herman Koëter

Acting Chairman, Secretary, Belgium

Thomas Hartung

Treasurer, United States of America

Michael Balls

United Kingdom

Coenraad Hendriksen

Netherlands

Andrew Rowan

United States of America

Horst Spielmann

Germany

Committees

Scientific Programme Committee

Nathalie Alépée	L'Oréal, France
Kevin Crofton	US EPA, United States of America
Miroslav Červinka	Charles University, Czech Republic
Mardas Daneshian	CAAT Europe, Germany
Chantra Eskes	ESTIV, Switzerland
Tuula Heinonen	SSCT & ECOPA, Finland
Helena Kandárová	SETOX & MatTek, Slovak Republic
Hajime Kojima	JaCVAM, Japan
Roman Kolar	Eurogroup for Animals, Germany
Robert Landsiedel	BASF, Germany
Clive Roper	Charles River Laboratories, United Kingdom
Harald Schlatter	P&G, Germany
Gilbert Schönfelder	ZEBET, Germany
Carl Westmoreland	Unilever, United Kingdom
Maurice Whelan	EURL ECVAM, JRC, Italy



Local Organizing Committee

Dagmar Jírová	National Institute of Public Health, Czech Republic
Miroslav Červinka	Faculty of Medicine, Charles University, Czech Republic
Barbora Večlová	Freedom for Animals, Czech Republic
Lukáš Jebavý	Society for Science on Laboratory Animals, FELASA, Czech Republic
Rostislav Čihák	Center of Ecology, Toxicology and Analytics, VUOS, Czech Republic
Helena Kandárová	MatTek In Vitro Life Science Laboratories, Slovak Republic
Kristina Kejlová	National Institute of Public Health, Czech Republic

Registration

To register, please use exclusively our internet registration form at www.wc9prague.org. The form will be opened in October 2013.

Registration fees

Payment	Early registration by June 1, 2014	Late registration on & after June 1, 2014	On-site registration
Full Participation	€ 530	€ 580	€ 635
Full Participation, Students / young scientific*	€ 380	€ 430	€ 475
Accompanying Person	€ 300	€ 350	€ 390

*Students/young scientists under 30 are eligible when presenting an official confirmation of enrolment at a scientific institution.

The Full Participation includes:

Admission to all scientific events and exhibition, the Opening and Closing Ceremony, the Get-Together Party on Sunday, the Welcome Cocktail on Monday, the Gala Dinner on Wednesday, coffee breaks and light lunches.

The registration fee for Accompanying Persons includes:

The Opening and Closing Ceremony, the Get-Together Party on Sunday, the Welcome Cocktail on Monday, the Gala Dinner on Wednesday.

The registration fees do not include accommodation and travel costs.

Congress Secretariat

GUARANT International spol. s r.o.

Na Pankráci 17
140 21 Prague 4, Czech Republic
Tel.: +420 284 001 444
Fax: +420 284 001 448
E-mail: wc9.secretariat@guarant.cz
Website: www.wc9prague.org

General Information

Congress Venue



Hotel Hilton Prague
Pobřežní 311/1
186 00, Prague 8 – Karlín
Czech Republic

Important Dates

Registration Opens	October 2013
Abstract Submission Opens	October 2013
Abstract Submission Deadline	April 2014
Early Registration Deadline	May 2014
9 th World Congress on Alternatives & Animal Use in the Life Sciences	24–28 August 2014

Accommodation

Prague offers large capacities of all types of accommodation. Delegates will have the opportunity to choose from luxury five-star hotels to three-star hotels. Most of the proposed hotels are easily accessible – on foot or in 5–20 minutes by public transport.

- 900 hotel rooms within a walking distance
- Around 80,000 hotel beds
- Accommodation in various categories (luxury 5* hotels, economy 3–4* hotels, student hostels)

The hotel reservation will be available from autumn 2013.



Social Programme

Sunday, 24 August 2014

Get-Together Party at Hotel Hilton Prague included in the registration fee



Monday, 25 August 2014

Welcome Reception at Public Spa included in the registration fee



Wednesday, 27 August 2014

Gala Dinner at Municipal House



For more information on the scientific programme, abstract submission, registration, hotel reservation and social programme please visit our website: www.wc9prague.org.