Humane Science in the 21st Century
9th World Congress on Alternatives and Animal Use in the Life Sciences
24–28 August 2014 | Prague, Czech Republic | www.wc9prague.org

Scientific Program – draft March 2014
I. New technologies
Coordinators: Horst Spielmann, FBU, Berlin, Germany
Márdaș Danesâhian, CAET, France, Kozan, Germany
1. Virtual tissue models
2. High throughput screening models
3. Tissue on a chip/Human on a chip
4. Novel 3D models
5. Bioreactors
6. High-content imaging
7. Monitoring (laserometry)

II. Predictive Toxicology – Updates, Computational Approaches, Risk Assessment and Advances in Specific Specimens
Coordinators: Nathalie Alépée, L’Oréal, Aulnay-sous-Bois, France
Karen Corrigan, US EPA, Research Triangle Park, NC, USA
Roger Curren, IIVS, Gothenburg, MD, USA
Carl West marin, Université, Strasbourg, UK
1. Pathway approaches in toxicology (e.g. AOP)
2. Systems biology
3. Update on research programs around the world (e.g. ToxTool), Test Chem, ECIP & PPF program, ARCH-Tool...
4. Exposure
5. Topical Toxicity
6. Repeated dose toxicity
7. Skin irritation
8. Endocrine disruption
9. Reproductive and developmental toxicology
10. Genotoxicity / Carcinogenicity
11. Inhalation toxicity
12. Ecotoxicology
13. Computational modeling and chem-informatics
14. Risk assessment (e.g. chemicals, drugs, bovices, food, cosmetics, medical devices, nanomaterials, medicines, biologics etc.)
15. Decision session: Model based testing strategies and decision making

III. 3Rs in academia and education
Coordinators: Gilly Griffin, CCAC, Ottawa, Canada
Hanscher Schwalbe-Korting, FBU, Berlin, Germany
1. 3Rs in academic education, training programs and the anticipated needs
2. Funding agencies and funding programs (e.g. Horizon 2020)
3. Innovative teaching and training tools
4. Discussion session Montreuil Declaration

IV. Communication, dissemination and data sharing
Coordinators: Ursula Sauer, Scientific Consultancy Animal Welfare, Neubiberg, Germany
Horst Spielmann, FBU, Berlin, Germany
1. Information requirements on project proposals (e.g. Directive 2010/63)
2. Scientific reporting standards (in vivo and in vitro)
3. Expertise reports: analysis / non-technical summaries (2010/63)
4. Information systems and databases
5. Intellectual property rights

V. Efficiency and safety testing of drugs and biologicals
Coordinators: Belen Tornos, ABTIC, North Chicago, IL, USA – IQI consortium
Tobias Schmidt, Roche Diagnostics GmbH, Potsdam, Germany – IQI consortium
1. Pathway-based assays and screening strategies in drug development
2. Disease models in vivo
3. Potency testing of human and veterinary vaccines
4. Medical devices and biologics

VI. Human relevance
Coordinators: Tuula Heinonen, FICAM, Tempe, Finland
Thomas Hauri, CAEF, Baltimore, MD, USA
Márdaș Danesâhian, CAET, Kozan, Kozan, Turkey
1. In vivo disease models
2. Use of stem cells in screening human biomarkers
3. Assay development, method validation and execution
4. Epithelial Bioluminescence
5. Discussion session: Pros and cons on animal models

 VII. Ethics
Coordinators: Katy Taylor, BUAV, London, UK
Annette Schröder, GmbH, Institut, Med M U, Hannover, Germany
Romain Koller, Animal Welfare Academy, Neubiberg, Germany
1. Ethical and normative aspects of human-based approaches
2. Ethics of using animals
3. Ethical evaluation
4. Distress evaluation
5. Beneﬁ cial evaluation

VIII.  Refinement and welfare
Coordinators: Jan Zvirzio, CAET, Baltimore, MD, USA
Thierry Decuvel, Servo Pasteur, Marcy l’Etoile, France
Mark Proctor, NEAQ, London, UK
1. Non-human primates
2. Best practice welfare approaches / case studies
3. Humane principles in experimental techniques
4. Avoidance of severe suffering
5. Culture of care
6. Transgenics

IX. Global cooperation, regulatory acceptance and standardisation
Coordinators: Chantra Esse, SeCAM, Agen, Switzerland
Hajime Kojima, JCRUW, Tokyo, Japan
Maurice Whelan, EURL, ECVAM, IRC, Ljubljana, Italy
1. Activity updates from international scientific societies
2. Animal welfare implementation across the world
3. Activity updates from international validation centres
4. Novel approaches to validation
5. Regulatory acceptance of alternatives
6. Breaking down barriers and promoting international cooperation on 3Rs

X.  Free communications
Coordinators: Horst Spielmann, FBU, Berlin, Germany
Dagmar Jírová, National Institute of Public Health, Prague, Czech Republic
The abstracts will be published in an international scientific journal focused on 3Rs with impact factor.

Keynote Speakers
Opening Lecture
Luděk Milík
Deputy Director-General for the Food Chain in DC Health and Consumers Executive Commission, Brussels, Belgium

Pawel Petrov
President of Animal Welfare Intergroup
Member of European Parliament, Brussels, Belgium

CROs (Contract Research Organizations)
Nancy Gibert
Corporate Executive Vice President & Chief Scientific Officer
Charles River Laboratories, Waltham, MA, USA

Drugs & Chemicals
Michel Goldman
Executive Director
Innovative Medicines Initiative (IMI), Brussels, Belgium

US Programs “Toxicology in the 21st Century”
Robert J. Karu
Director
Researcher, U.S. Pharmacopoeia,
Washington, DC, USA

Animal Welfare
Roman Koller
Deputy Director
Animal Welfare Academy, Neubiberg, Germany

“Human-on-a-chip”
Uwe Mars
Founder & Chief Scientifi c Officer
Taulbe GmbH, Berlin, Germany

Czech Republic – Ethics
Maruc Vácha
Head of Department of Ethics
Czech University, Prague, Czech Republic

Emerging Countries
He Zhongming
Director
National Institutes for Food and Drug Control (NIFDC), Beijing, China

Young Scientists*
Diegmar Jírová, Horst Spielmann
AGT, Münster
Herman Koëter,
Animaal Using Committee, Brussels, Belgium

Scientific Program Committees
Nathalie Alépée, L’Oréal, France
Kevin Crofton, US EPA, United States of America

Márdaș Danesâhian, CAET, Europe
Chantra Esse, SeCAM, Switzerland
Tuula Heinonen, SCET & ECOA, Finland
Helena Kandárová, SETOX & MatTek, Slovak Republic
Hajime Kojima, JCRUW, Japan
Roman Koeler, Animal Welfare Academy, Germany
Robert Lableded, IASG, Germany
Olve Roper, Charles River Laboratories, United Kingdom
Harald Schletter, Mérieux, Germany
Gilbert Schönfelder, ZFECT, Germany

Carcin Use in the Life Sciences
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Congress Secretariat
GUARANT International, 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
Praha 3 111 00, Prague 8 – Karlin, Czech Republic

Important Dates
Abstract submission deadline 15 April 2014
Early registration deadline 31 May 2014
9th World Congress on Alternatives & Animal Use in the Life Sciences 24–28 August 2014

Registration
To register, please use exclusively our internet registration form at www.wc9prague.org

Registration fees
Payment
Full Participation € 530 € 580 € 635
Late registration, hotel reservation and social program
€ 595 € 650 € 705
Discount Code € 380 € 395 € 395

* Student/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, and the Opening and Closing Ceremony the Get-Together Party on Sunday the Welcome Reception 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 Reception on Monday, the Gala Dinner on Wednesday.

The registration fees do not include accommodation and travel costs.

Accommodation
A number of hotels rooms at Hotel Hilton Prague and other nearby hotels has been reserved for the Congress participants.

For the best rates, please use exclusively our internet accommodation form at www.wc9prague.org

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 (included in the registration fee)

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