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-1
   e. Exposure
   f. Topical toxicity
   g. Repeated dose toxicity
   h. Skin sensitization
   i. Endocrine disruption
   j. Genotoxicity / Carcinogenicity
   k. Reproductive and developmental toxicology
   l. Inflation 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, biological 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 veterinary 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 constraints 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.

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

Registration fees

<table>
<thead>
<tr>
<th>Category</th>
<th>Early registration before 24 June 2014</th>
<th>Late registration &amp; after 24 June 2014</th>
<th>On-site registration</th>
</tr>
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<tbody>
<tr>
<td>Full Participation</td>
<td>€ 530</td>
<td>€ 635</td>
<td>€ 680</td>
</tr>
<tr>
<td>Full Participation, Students &amp; young scientists*</td>
<td>€ 380</td>
<td>€ 410</td>
<td>€ 475</td>
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<tr>
<td>Accompanying Person</td>
<td>€ 300</td>
<td>€ 350</td>
<td>€ 390</td>
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</tbody>
</table>

*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.

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Czech Republic

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

Social Programmes
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