

# Program

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Nov. **14** (Mon)

## Room B (Conference Room 1 / 4F)

14:00~17:00 **Satellite Symposium AOP Training**

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(Sponsored by Mandom Corporation)

Catherine WILLETT

Humane Society of the United States / Humane Society International, USA

Kellie FAY

US Environmental Protection Agency, USA

Nov. **15** (Tue)

## Room A (Main Hall / 1F)

10:00~10:20 **Welcome Address**

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Hajime KOJIMA

National Institute of Health Sciences (NIHS), Japan

10:25~11:10 **Plenary Keynote Lecture**

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Chair: Yasuo OHNO

Kihara Memorial Yokohama Foundation for the Advancement of Life Sciences, Japan

### **“Phasing out the Use of Experimental Animals for Regulatory Risk Assessment Purposes before 2025”**

Herman B.W.M. KOËTER

Chairman of the Alternatives Congress Trust (ACT), Italy

11:15~11:55 **Plenary Lecture 1**

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Chair: Makoto HAYASHI

makoto International Consulting, Japan

### **“Looking to the Future - WC10: The Three Rs in Action”**

Joanne ZURLO

Director of Science Strategy Center for Alternatives to Animal Testing (CAAT), Johns Hopkins Bloomberg School of Public Health, USA

Chairs: Tsutomu Miki KUROSAWA  
Kagoshima University, Japan

Jufeng WANG  
Pharmaron, China

**AS1-1 “The 3R’s change after 10 years activity of SNU-IACUC”**

Jae-Hak PARK  
Laboratory Animal Medicine, College of Veterinary Medicine, Seoul National University, Republic of Korea

**AS1-2 “Trends in 3Rs of laboratory animal experiments (Bio-imaging in Singapore)”**

Yi Quan Shawn TAY  
Comparative Medicine, National University of Singapore (NUS) / Asian Federation of Laboratory Animal Science Associations (AFLAS), Singapore

**AS1-3 “Zebrafish, *Danio rerio* as a replacement alternative”**

Mangala GUNATILAKE  
Dept of Physiology, Faculty of Medicine, University of Colombo, Sri Lanka

**AS1-4 “The Role of an NGO in Implementing Non-Animal Testing and Training Methods in India”**

Dipti M. KAPOOR  
People for the Ethical treatment of Animals (PETA), India

**AS1-5 “The Study of In Vitro Skin Sensitization Test Based on Integrating 3D Model to h-CLAT”**

Shujun CHENG, et al.  
Guangdong Inspection and Quarantine Technology Center, China

**AS1-6 “Development of reconstructed human epidermal skin equivalent (EPiTRI) and validation of skin irritation test (SIT) protocol by using EPiTRI”**

Huey-min LAI, et al.  
Center for Drug Development, Industrial Technology Research Institute, Taiwan

**AS1-7 “Preparation and characterization of Reconstructed Human Epidermis (RHE)”**

Herlina B. SETIJANTI, et al.  
Research Center for Drug and Food, National Agency of Drug and Food Control, Indonesia

**AS1-8 “Alternative Research (3Rs) in the World, Asia and Japan”**

Tsutomu Miki KUROSAWA  
Joint Faculty of Veterinary Medicine, Kagoshima University, Japan

Chairs: Sanae TAKEUCHI  
P&G Innovation Godo Kaisha, Japan

Troy SEIDLE  
Humane Society International, Canada

**AS3-1 “Human living skin explant model as an alternative to animal experimentation for evaluation of cosmetic products, raw materials and finished products, activities and tolerance”**

Elian LATI, et al.  
BIO-EC LABORATORY, France

**AS3-2 “Cosmetic regulation and alternatives to animal experiments in Thailand”**

Neti WARANUCH, et al.  
Cosmetics and Natural products Research Center, Faculty of Pharmaceutical Sciences, Naresuan University /  
Department of Pharmaceutical Technology, Faculty of Pharmaceutical Sciences and Center of Excellence for  
Innovation in Chemistry, Naresuan University, Thailand

**AS3-3 “Cosmetic Regulation and Alternatives in Animal Experiments”**

G.N. SINGH  
Drugs Controller General (India), Central Drugs Standard Control Organisation, Directorate General of Health Services,  
Ministry of Health and Family Welfare, Government of India

**AS3-4 “Cosmetic regulation and alternative in animal experiments in China”**

Rong KUANG  
Zhejiang Institute for Food and Drug Control, China

**AS3-5 “Face Alternative: Current Status in China”**

Lu QIU  
Shanghai Entry-Exit Inspection and Quarantine Bureau of China, China

**AS3-6 “Development of Alternative Test Methods to Evaluate the Safety of Cosmetics”**

Tae Sung KIM, et al.  
National Institute of Food and Drug Safety Evaluation, Ministry of Food and Drug Safety, Republic of Korea

**AS3-7 “Guidance on use of alternative methods for testing in the safety assessment of cosmetics and quasi-drug”**

Hajime KOJIMA, et al.  
Division of Risk Assessment, Biological Safety Research Center, National Institute of Health Sciences, Japan

**Room B (Conference Room 1 / 4F)**

(Sponsored by YUTOKU PHARMACEUTICAL IND.Co., LTD.  
KANTO CHEMICAL CO., INC.)

**A-LS1 “Unique cell culture techniques for *in vitro* research”**

Shigehisa AOKI  
Department of Pathology & Microbiology, Saga University, Japan

Chairs: Masahiro TAKEYOSHI

Chemicals Assessment and Research Center, Chemicals Evaluation and Research Institute, Japan

Judy STRICKLAND

Integrated Laboratory Systems, Inc. Contractor supporting the NTP Interagency Center for the Evaluation of Alternative Toxicological Methods (NICEATM), USA

**AS2-1 “Development of 3D reconstructed human cornea-like epithelium, MCTT HCE™ from primary limbal cells, and its application for alternative to animal test”**

Kyung-Min LIM

College of Pharmacology, Ewha Womans University, Republic of Korea

**AS2-2 “Approaches to Reducing Animal Use for Acute Toxicity Testing: Retrospective Analyses of Pesticide Data”**

Judy STRICKLAND, et al.

Integrated Laboratory Systems, Inc. / Contractor supporting the NTP Interagency Center for the Evaluation of Alternative Toxicological Methods (NICEATM), USA

**AS2-3 “3R best practices in pesticide regulation in India”**

Alokparna SENGUPTA

Research & Toxicology Department, Humane Society International, India

**AS2-4 “Progress in deleting the 1-year dog study for the safety assessment of pesticides”**

Horst SPIELMANN

Inst. For Pharmacy, Faculty for Biology, Chemistry and Pharmacy  
Freie Universität Berlin, Germany

**AS2-5 “Development of Read-across for Chemical Safety Assessment”**

Takashi YAMADA, et al.

Division of Risk Assessment, Biological Safety Research Center, National Institute of Health Sciences, Japan

Chairs: Hiroshi YAMAMOTO

Toyama University, Japan

Katrin SCHUTTE

European Commission DG Environment, Belgium

**AS4-1 “R&D status of alternative test methods for blood products in Korea”**

Chiyoung AHN, et al.

Blood Products Division, National Institute of Food and Drug Safety Evaluation, Ministry of Food and Drug Safety, Republic of Korea

**AS4-2 “Alternatives and Refinement for Animal Experimentation in Cancer Research”**

Arvind INGLE

Scientific Officer 'G', Officer-in-Charge, Laboratory Animal Facility, ACTREC, Tata Memorial Centre, Navi Mumbai, India

**AS4-3 “Towards global harmonisation of 3Rs in biologicals – efforts of the EPAA Biologicals project team”**

Katrin SCHUTTE, et al.  
Environment European Commission, DG Environment, Belgium

**AS4-4 “3Rs in Quality Control of human vaccines: opportunities and barriers”**

Sylvie UHLRICH, et al.  
Sanofi Pasteur, France

**AS4-5 “Veterinary industry approach to 3Rs in Biologicals”**

Takeshi FUJII, et al.  
Product Development & Regulatory Affairs, Zoetis Japan, Japan

**AS4-6 “VICH (International Cooperation on Harmonization of Technical Requirements for Registration of Veterinary Products) and Harmonization of Criteria to Waive TABST (Target Animal Batch Safety Test) for Vaccines for Veterinary Use”**

Koji OISHI  
National Veterinary Assay Laboratory, JMAFF, Japan

**Room C (Conference Room 2 / 4F)**

12:10~13:00 **Luncheon Seminar 2**

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(Sponsored by THE LUSH PRIZE)

**A-LS2 “An introduction to the Lush Prize ‘Young Researcher Asia’ awards”**

Rebecca RAM  
Scientific Consultant, Lush Prize, UK

**Nov. 16 (Wed)**

**Room A (Main Hall / 1F)**

9:00~9:40 **Plenary Lecture 2**

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Chair: Noriho TANAKA  
Food and Drug Safety Center, Hatano Research Institute, Japan

**“BioMed21: Toward a Pathway-Based Paradigm in Health Research”**

Troy SEIDLE, et al.  
Director of Research & Toxicology Department, Humane Society International, Canada

Chairs: Yasuyuki SAKAI  
Tokyo University, Japan

Mohammad A. AKBARSHA  
Bharathidasan University, India

**AS5-1 “The Use of Adverse Outcome Pathways (AOPs) to Support Chemical Safety Decisions within the Context of Integrated Approaches to Testing and Assessment (IATA)”**

Catherine WILLETT  
Humane Society of the United States / Humane Society International, USA

**AS5-2 “Progress of alternative study in China”**

Jufeng WANG  
Pharmaron, China

**AS5-3 “Mechanism based evaluation system for hepato- and nephrotoxicity or carcinogenicity using omics technology”**

Fumiyo SAITO  
Chemicals Assessment and Research Center, Chemicals Evaluation and Research Institute, Japan

**AS5-4 “Stem cells and alternatives”**

Eui-Bae JEUNG  
College of Veterinary Medicine, Chungbuk National University, Republic of Korea

**AS5-5 “Futuristic approach to alternative model organisms: Hydra stakes its claim”**

Mohammad A. AKBARSHA, et al.  
Mahatma Gandhi - Doerenkamp Center for Alternatives to Use of Animals in Life Science Education, Bharathidasan University, India

**Room B (Conference Room 1 / 4F)**

(Sponsored by THE LUSH PRIZE)

Chair: Hajime KOJIMA  
National Institute of Health Sciences

**“*In Vitro* Testing as a Scientifically Advanced Strategy for Regulatory Safety Compliance and Claim Support in the Global Cosmetics Industry”**

Carol TREASURE, et al.  
XCellR8 Ltd., UK

(Sponsored by Japan Chemical Industry Association (JCIA)  
Japan Anti-Vivisection Association (JAVA)  
Japanese Society for Alternatives to Animal Experiments (JSAAE))

Chairs: Hiroaki TODO  
Faculty of Pharmaceutical Sciences, Josai University, Japan

Horst SPIELMANN  
Inst. For Pharmacy, Faculty for Biology, Chemistry and Pharmacy, Freie Universität Berlin, Germany

### **JCIA Award**

**“Evaluation of toxicants for the neural differentiation of human ESCs”**

Jin Yong AN, et al.  
Chungbuk National University, Republic of Korea

### **JAVA Award**

**“Preliminary Evaluation of Vascular Endothelial Growth Factor as a Biomarker for Alternative Skin Sensitization Test in HaCaT Keratinocytes”**

Sae On KIM, et al.  
College of Pharmacy, Seoul National University, Republic of Korea

### **JSAAE Award**

**“The effect on cellular function and microstructures of hepatic spheroids by using a novel method for loading ECM thin layer into spheroids”**

Fumiya TAO, et al.  
Yokohama City University, Japan