2018（第四届）毒性测试替代方法与转化毒理学（国际）学术研讨会

第二届亚洲替代方法大会

2018.10.9-12 中国，广州

主办单位

中国毒理学会毒理学替代法与转化毒理学专业委员会
中国环境诱变剂学会毒性测试与替代方法专业委员会
中华预防医学会卫生毒理分会
Japanese Society for Alternatives to Animal Experiments
Korean Society for Alternatives to Animal Experiments

承办单位

南方医科大学公共卫生学院
广东省疾病预防控制中心
广东省毒理学会

会议主题内容

- 3Rs原则与实验数据质量控制
- 动物应激生物学与应激控制
- 基因修饰与转基因工程动物
- 替代方法的构建与认可
- 靶器官毒性评价体外模型
- 暴露科学及评估技术
- 毒性机制与计算毒理学
- 高通量与高内涵成像技术
- 药物早期毒性筛选策略
- 化学物特征分析与QSAR模型
- PBPK模型与体内-体外数据外推（IVIVE）
- 干细胞及虚拟器官毒性评价模型
- 数据交叉参比及毒理学关注阈值
- 毒理“-组学”技术及应用
- 毒性通路挖掘及网络模型
- 系统生物学与毒理学大数据
- 毒作用模式（MOA）与靶毒性效应
- 有害结局路径（AOP）的构建与应用

会议联系人

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热烈欢迎大家踊跃投稿参会！
请访问中国毒理学会网页www.chntox.org

2018 (The 4th) International Conference on Toxicity Testing Alternatives & Translational Toxicology

The 2nd Asian Congress on Alternatives

Oct 9-12, 2018; Guangzhou, China

Host

The Society of Toxicological Alternatives and Translational Toxicology, CSOT

The Society of Toxicity Testing and Alternative Methods, CEMS

Division of Health Toxicology, Chinese Preventive Medicine Association

Japanese Society for Alternatives to Animal Experiments, JSAAE

Korean Society for Alternatives to Animal Experiments, KSAAE

Organizer

School of Public Health, Southern Medical University (SMU)

Guangdong Provincial Center for Disease Control and Prevention (GDCDC)

Guangdong Society of Toxicology (GDST)

Main topics include, not limited by

- 3R principles and quality control of data
- Animal stress biology and stress control
- Gene modification and transgenic animal models
- Development and regulatory acceptance of toxicological alternatives
- In vitro models for target toxicity evaluation
- Exposure science and assessment technology
- Computational toxicology and toxicity mechanism prediction
- High throughput screening and high content imaging and analysis
- Strategies of early toxicity screening for drugs
- Chemical characterization analysis and QSAR model
- PBPK model and In vitro and in vivo extrapolation
- Stem cell and in silicon organs
- Read-across and threshold of toxicological concern
- Toxicity pathway and dose-response model
- Development and application of toxicological “omics”
- Systems biology and toxicological big data
- Mode of action (MOA) and target toxic response
- AOP establishment and application

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Welcome to Guangzhou!