



# Interagency Coordinating Committee on the Validation of Alternative Methods

## Overcoming the Cult of Validation

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NTP Interagency Center for the Evaluation of Alternative Toxicological Methods

Agency for Toxic Substances and Disease Registry • Consumer Product Safety Commission • Department of Agriculture  
Department of Defense • Department of Energy • Department of the Interior • Department of Transportation  
Environmental Protection Agency • Food and Drug Administration • National Institute for Occupational Safety and Health  
National Institutes of Health • National Cancer Institute • National Institute of Environmental Health Sciences  
National Library of Medicine • Occupational Safety and Health Administration

# Characteristics of Cults

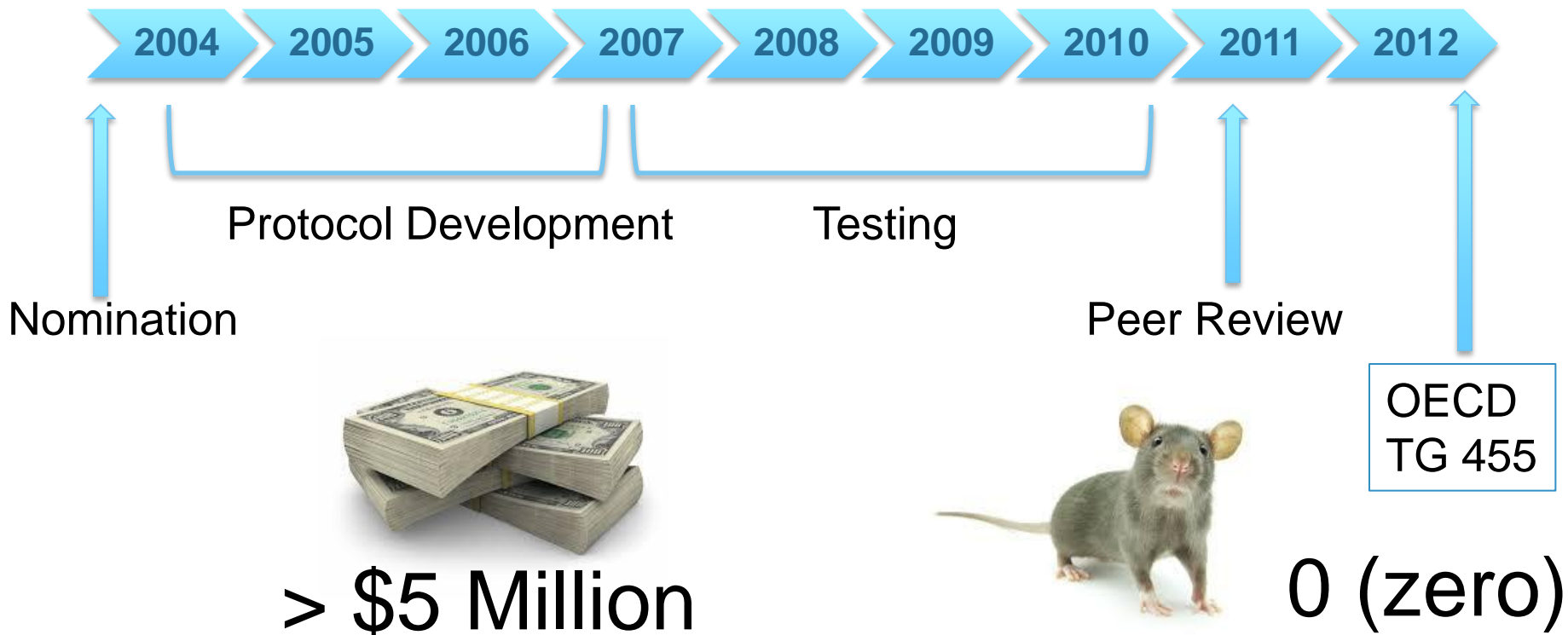
The group displays excessively zealous and unquestioning commitment to its leader and regards his belief system, ideology, and practices as the Truth.

True believers feel there is no other way to be, and often fear reprisals to themselves or others if they change their behaviors (“If you’re not with us, you’re against us”).

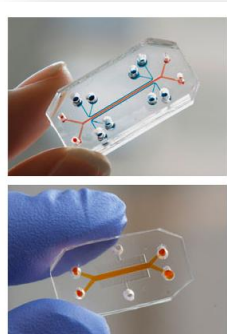
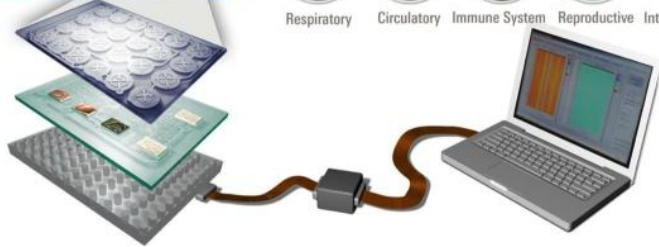
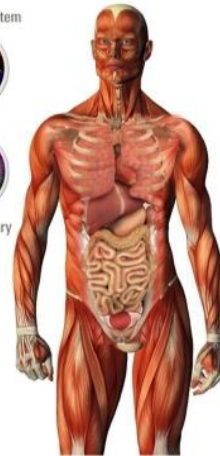
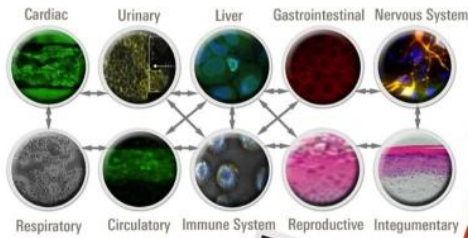
Members are expected to devote inordinate amounts of time to the group and group-related activities

The group is elitist, claiming a special, exalted status for itself, its leader(s) and members

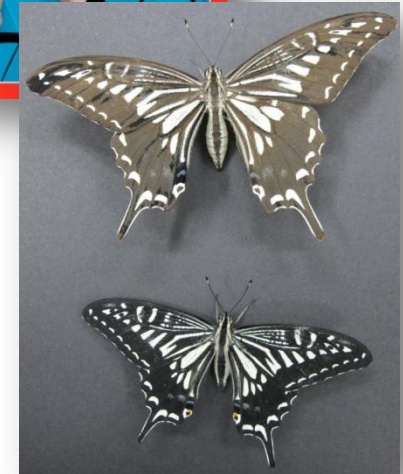
# ICCVAM Validation of a ER Trans Activation (reporter gene) assay for Endocrine Disruptor Testing (BG1 ER TA)



# It is difficult for evolving institutional practices to keep pace with revolutionary advances in science and technology



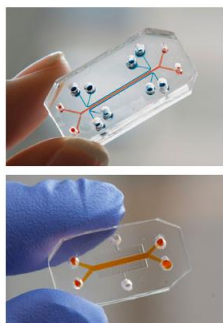
Wyss Institute researchers and a multidisciplinary team of collaborators seek to build and link 10 human organ-on-chips to mimic whole body physiology. The system will incorporate the Institute's Human Lung-on-a-Chip (top) and Human Gut-on-a-Chip (bottom).



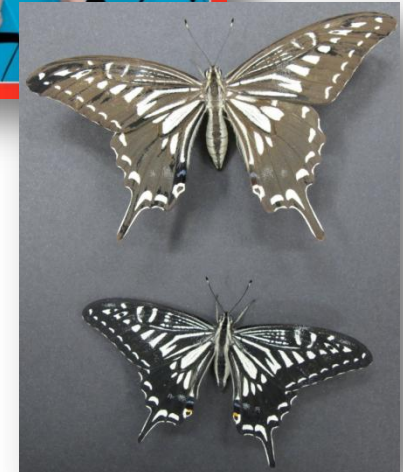
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It's NOT just about the science!



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**Method  
Development**



**Validation**



**Regulatory  
Acceptance**



**Industry  
Adoption**



Method  
Development



Validation



Regulatory  
Acceptance



Industry  
Adoption



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**Start Here**



**Context of Use!**



# Thank you!

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