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Section C

The OECD, Japan, and Worldwide Successes of Alternatives
OECD

- Test Guidelines Program
Japan

- Memorial service
  - [http://aboundlessethic.com/?p=7](http://aboundlessethic.com/?p=7)

- Video: *Animal Memorial Service, Tokyo, Japan*
  - [http://www.youtube.com/watch?v=Wdl9rsP7Zui](http://www.youtube.com/watch?v=Wdl9rsP7Zui)
Three Rs Centers—More Than 20 Centers Worldwide

ANZCCART (Australian and New Zealand Council for the Care of Animals in Research and Teaching) ♦ CAAT (the Johns Hopkins Center for Alternatives to Animal Testing) [USA] ♦ CCAC (Canadian Council on Animal Care) ♦ ECOPA (European Consensus-Platform for Alternatives) ♦ ECVAM (European Centre for the Validation of Alternative Methods) ♦ EPAA (European Partnership for Alternative Approaches to Animal Testing) ♦ EURCA (European Resource Centre for Alternatives in Higher Education) ♦ FRAME (Fund for the Replacement of Animals in Medical Experiments) [UK] ♦ REMA (Spanish National Platform on Alternatives) ♦ I-CARE (International Centre for Alternatives in Research and Education) [India] ♦ ICCVAM/NICEATM (Interagency Coordinating Committee for the Validations of Alternative Methods/NICEATM (NTP Interagency Center for the Evaluation of Alternative Toxicological Methods) [USA] ♦ ILAR (Institute for Laboratory Animal Research) [USA] ♦ JaCVAM (Japanese Center for the Validation of Alternative Methods) ♦ Korean Society of Alternatives to Animal Experiments ♦ NC3Rs (National Centre for the Replacement, Refinement and Reduction of Animals in Research) [UK] ♦ NCA (Netherlands Centre for Alternatives to Animal Use) ♦ Norwegian Reference Centre for Laboratory Animal Science and Alternatives/Norecopa (Norwegian National Platform for Alternatives) ♦ Prince Laurent Foundation [Belgium] ♦ ZEBET (Centre for Documentation and Evaluation of Alternative Methods to Animal Experiments) [Germany]
Three Rs Centers

- CAAT (the Johns Hopkins Center for Alternatives to Animal Testing) [USA] http://caat.jhsph.edu
- CCAC (Canadian Council on Animal Care) http://www.ccac.ca/
- ECOPA (European Consensus-Platform for Alternatives) http://www.ecopa.eu/
- ECVAM (European Centre for the Validation of Alternative Methods) http://ecvam.jrc.cec.eu.int/
- EPAA (European Partnership for Alternative Approaches to Animal Testing) http://ec.europa.eu/enterprise/epaa/
- EURCA (European Resource Centre for Alternatives in Higher Education) http://www.eurca.org/
- FRAME (Fund for the Replacement of Animals in Medical Experiments) [UK] http://www.frame.org.uk/
- REMA (Spanish National Platform on Alternatives) http://www.remanet.net/ingles/ingles/ingles/remaingles.htm
- I-CARE (International Centre for Alternatives in Research and Education) [India] http://www.icare-worldwide.org/
- ILAR (Institute for Laboratory Animal Research) [USA] http://dels.nas.edu/ilar_n/ilarhome/
- JaCVAM (Japanese Center for the Validation of Alternative Methods) http://www.nihs.go.jp/english/nihs/
- Korean Society of Alternatives to Animal Experiments http://www.ksaae.org/
- NC3Rs (National Centre for the Replacement, Refinement and Reduction of Animals in Research) [UK] http://www.nc3rs.org.uk/
- NCA (Netherlands Centre for Alternatives to Animal Use) http://www.nca-nl.org/
Successes of Alternatives

- The personal care and household goods industries are essentially out of animal testing.

- In the last 20 years, almost every Nobel Prize winner used in vitro methods and other alternative approaches—these methods are mainstream.

- 1985 revision to AWA and founding of AWIC and ICCVAM.
Successes of Alternatives

- NCI—screening for cancer drugs—from in vivo to in vitro
- World Congress—started in 1993
- Several alternative methods formally validated
- Netherlands—Department of Animal, Science and Society
Successes of Alternatives

1. A National Toxicology Program: Roadmap for the 21st Century
   - Specifically identifies the three Rs
   - Cites AWA—minimizing pain and distress
   - Requires training in humane science for all NTP investigators/contractors

2. NAS: Toxicity Testing in the 21st Century

More Humane, Better Science