



# CAATfeed

## CAAT seeks nominations for three awards

### *Charles River Laboratories' Excellence in Refinement Award*

Sponsored by Charles River Laboratories, in cooperation with CAAT, this award will honor an individual who has made an outstanding contribution to the development, promotion, and/or implementation of refinement alternatives. This award includes \$ 5,000 to further the recipient's scientific endeavors.

### *CAAT Recognition Award*

This award, presented at every World Congress, honors an individual or organization that has made an outstanding contribution to the field of the 3Rs, the development of alternative methods, or the field of *in vitro* science.

### *Henry Spira Award*

This award was established in 1999 to honor the memory of Henry Spira, a pioneer in the animal rights movement whose campaign for the use of alternative methods led to the founding of CAAT. The award was created to recognize animal activists in the animal welfare, protection, or rights movements who work to achieve progress through dialogue and collaboration.

### *Nomination Guidelines for all three awards*

Please provide a nomination letter, the individual's CV and limited other material that supports your nominee.

Deadline for submission is May 15, 2011.

These awards will be presented in Montreal at the 8<sup>th</sup> World Congress on Alternatives and Animal Use in the Life Sciences (<http://www.wc8.ccac.ca>).

## Upcoming CAAT events

- IVTIP / ESTIV / CAAT-Europe Spring 2011 Meeting: In Vitro Reconstructed Human Tissue Models as Alternatives to Animal testing: Applicability and limitations. April 26-28, Monte Carlo, Monaco <http://www.ivtip.org/images/IVTIP-ESTIV-CAAT%20Conference%20Monaco%20April%202011.pdf>
- CAAT-Europe Chemicals Information Day, May 7, 2011, Pavia, Italy
- CAAT organized DNT 1 & DNT 2. ECVAM will now host DNT 3, May 10-13 in Varese, Italy. Information and registration available at [http://ihcp.jrc.ec.europa.eu/events\\_workshops/dnt-3conference](http://ihcp.jrc.ec.europa.eu/events_workshops/dnt-3conference)
- CAAT-Europe workshop on dog use and its alternatives. June 21-23, Budapest, Hungary. By invitation only. Contact Mardas Daneshian ([caat-eu@uni-konstanz.de](mailto:caat-eu@uni-konstanz.de))
- Information Day: Food (co-organized with Orange House Partnership), Baltimore, November 15, 2011. Contact Marilyn Principe ([mprincip@jhsph.edu](mailto:mprincip@jhsph.edu))
- CAAT-Europe: Workshop on identification of toxicants relevant to DNT (2011)
- CAAT-US: Workshop on metabolomics for pathway identification (2012)
- CAAT-US: Pathway identification (in preparation)
- CAAT-Europe: Integrated Testing Strategies (ITS) for REACH (in preparation)

## Kick-off for Evidence-based Toxicology Collaboration (EBTC)

A group of toxicologists with backgrounds in industry, government oversight, academia and animal welfare created the EBT Collaboration to foster the development of a process, based on the Cochrane Collaboration in Evidence-based Medicine (EBM), for quality assurance of new toxicity tests for the assessment of safety in humans and the environment. To start the collaboration and solicit input from the stakeholder community, the EBT Collaboration steering group organized a kick-off meeting on March 10, 2011, immediately following Society of Toxicology Annual Meeting in Washington DC. The meeting attracted 130 people and many more have registered to be informed and become part of EBTC. The EBT Collaboration is anticipated to be a long-range activity and be pivotal in helping to influence the development and implementation of new toxicity tests. CAAT has safeguarded funding to run the secretariat for five years.

For a more detailed discussion of the EBTC, please see the news item by Dr. Joanne Zurlo, CAAT's Director of Science Strategy, in this issue. Contact: Joanne Zurlo ([JZurlo@jhsph.edu](mailto:JZurlo@jhsph.edu))

## CAAT at the 8<sup>th</sup> World Congress on Alternatives and Animal Use in the Life Sciences Montreal, Canada. August 21-25, 2011

- CAAT and the Human Toxicology Project Consortium are co-hosting a satellite meeting on implementation of the NAS Report: "21<sup>st</sup> Century Toxicology: Updates on Current Efforts" on Sunday, August 21, 9:00 AM. Room TBA.



- Please join us in celebrating CAAT's 30-year anniversary. Monday evening, August 22. Time and location TBA
- Altweb Project Team Meeting and 3Rs Organizations Meetings. Time and location TBA.

CAAT is planning once again to organize a meeting of representatives of the various 3Rs organizations world-wide, to be held at WC8 in Montreal. We will be sending out an initial invitation shortly. We also will hold a separate Altweb Project Team meeting, and will notify Project Team members of the date and time. If you have questions, suggestions, or wish to have your organization added to the 3Rs organizations list and website, please e-mail Carol Howard (choward@jhsph.edu).

#### **Recent publications by CAAT/ CAAT-Europe Faculty**

- Bal-Price, A. K. and Hogberg, H. (2011). Effect of pesticides on neuronal and glial cell differentiation and maturation in primary cultures. In M. Stoytcheva (ed.), *Pesticides – the impacts of pesticides exposure*, ISBN: 978-953-307-531-0, Publisher: InTech. <http://www.intechopen.com/articles/show/title/effect-of-pesticides-on-neuronal-and-glial-cell-differentiation-and-maturation-in-primary-cultures>.
- Bressler J., O'Driscoll C. et al. (in press). P19 embryonic carcinoma cell line: A model to study gene-environment interactions. In M. Aschner et al. (eds.), *Cell Culture Techniques: 56 (Neuromethods)*, Heidelberg: Springer Science+Business Media.
- Dehus, O., Pfitzenmaier, M., Stuebs, G. et al. (2011). Growth temperature-dependent expression of structural variants of *Listeria monocytogenes* lipoteichoic acid. *Immunobiol.* 216, 24-31.
- Hartung, T. (2011). From alternative methods to a new toxicology. *Eur. J. Pharm. Biopharm.* 77, 338-349.
- Henn, A., Kirner, S. and Leist, M. (2011). TLR2 hypersensitivity of astrocytes as functional consequence of their previous inflammatory activation. *J. Immunol.* 186, 3237-3247.
- Hogberg, H., Sobanski, T., Novellino, A. et al. (2011). Application of microelectrode arrays (MEAs) as an emerging technology for developmental neurotoxicity: Evaluation of domoic acid-induced effects in primary cultures of rat cortical neurons. *Neurotoxicology* 32, 158-168.
- Rockel, C., Hartung T. and Hermann, C. (2011). Different *S. aureus* whole bacteria mutated in putative pro-inflammatory membrane components have similar cytokine-inducing activity. *Immunobiol.* 216, 316-321.
- Schildknecht, S., Pape, R., Müller, R. et al. (2011). Neuroprotection by minocycline caused by direct and specific scavenging of peroxynitrite. *J. Biol. Chem.* 286, 4991-5002.
- Stiegler, N., Krug, A., Matt, F. and Leist, M. (2011). Assessment of chemical-induced impairment of human neurite outgrowth by multiparametric live cell imaging in high-density cultures. *Toxicol. Sci.*, doi: 10.1093/toxsci/kfr034
- Zimmer, B., Kuegler P. B., Baudis, B. et al. (2011). Coordinated waves of gene expression during neuronal differentiation of embryonic stem cells as basis for novel approaches to developmental neurotoxicity testing. *Cell Death Differ.* 18, 385-395.
- Zimmer, B., Schildknecht, S., Kuegler, P. B. et al. (2011). Sensitivity of dopaminergic neuron differentiation from stem cells to chronic low-dose methylmercury exposure. *Toxicol. Sci.*, doi: 10.1093/toxsci/kfr054