

## Feature Story

### The Way Forward: on AltTox.org

One of the more innovative features of AltTox.org is the section dedicated to the "Way Forward." A collection of invited essays written by experts in the field, the Way Forward commentaries address a range of topics, including toxicity endpoints, emerging technologies, programs and policies, and overarching challenges and opportunities. These succinct articles provide the latest perspectives on cutting edge work on non-animal alternatives, and on what remains to be done to move specific fields towards the ultimate goal of a completely non-animal approach.

The following are the three most highly read articles in the Way Forward series:

- [RISK ASSESSMENT + NEW TECHNOLOGIES: Opportunities to Assure Safety Without Animal Testing and Better Protect Public Health?](#) by Julia Fentem and Carl Westmoreland of Unilever
- [Use of Genetic Toxicology Testing for Predicting Carcinogenicity: A Multi-Stakeholder Approach](#) by Marilyn Aardema of Procter & Gamble
- [The Way Forward for In Vitro Skin Irritation Testing](#) by Patrick Hayden of MatTek

Each of the above articles has been viewed more than 200 times on AltTox. Other popular articles in the series, each having been viewed over 100 times, include [The Way Forward for Eye Irritation Testing](#) (Eskes, Zuang & Hartung), [Animal Use in Genetic Toxicity Tests for Identifying Potential Carcinogens](#) (Zeiger), [Replacing Animals in Absorption, Distribution, Metabolism & Excretion Studies](#) (Langley), and [Opportunities and Barriers to the Replacement of Animals in Acute Systemic Toxicity Testing](#) (Seidle).

Two newly posted commentaries are listed below, under "New on AltTox."

Please visit AltTox today and view our comprehensive [list](#) of Way Forward

commentaries.

We are always looking for new and different perspectives on the Way Forward. If you are interested in contributing your own commentary, or would like to suggest a colleague, please send an email to [info@alttox.org](mailto:info@alttox.org).

## New on AltTox

### Forum Postings

Some of the recent posts on the AltTox forums include the following:

- Eye & Skin Irritation forum: [In Vitro Eye Tests to be Accepted \(in special cases\) by US Agencies; Draft OECD Guideline for Skin Irritation - Inclusion of IL-1a Endpoint \(?\)](#)
- Genotoxicity/Carcinogenicity forum: [Integration of Genotoxicity In Vivo Testing into Repeated Dose Toxicity Testing](#)
- Reproductive & Developmental Toxicity forum: [Evaluation of OECD 414 Endpoints Postnatally in an Extended 1-gen Study?](#)
- Omics, Computational Toxicity & Bioinformatics forum: [Recruitment for EPA Positions in Bioinformatics & Computational Systems Biology](#)
- Programs & Policies forum: [New EU Directive 440/2008 Covering EU Methods for Toxicity Testing; ICCVAM versus ECVAM; NTP to Host Meeting on High Throughput Screening Approaches](#)
- Overarching Challenges & Opportunities forum: [EPAA Workshop Outcomes - Ways to Optimize the Validation Process](#)

Be sure to visit the forums, respond to previous postings, or start a new message thread.

[Enter Forums >>](#)

### New and Updated Information

The AltTox.org Management Team and Editorial Board strive to give readers the most up-to-date summary information related to non-animal methods of toxicity testing. Check out our latest material:

In the Spotlight

- [Human Protein Assay Developed as an Alternative to the Mouse LD50 Assay for Shellfish Toxin](#)

## Toxicity Testing Resource Center

- Informational Resources: [Meetings & Events](#) and [3Rs Awards](#)

## The Way Forward

- [A Paradigm Shift in Toxicity Testing Is Inevitable](#) by Kim Boekelheide
- [Tox21: Putting a Lens on the Vision of Toxicity Testing in the 21st Century](#) by Christopher Austin, Robert Kavlock & Raymond Tice

## Upcoming Events

Here are some of the many upcoming events listed on AltTox that may be of interest to our readership:

- Contact Dermatitis: Blending Science with Best Practice, August 28-30, 2008, Montreal, Quebec, Canada
- US National Toxicology Program Request for Information (RFI) on High Throughput Screening Approaches for Toxicology Public Meeting, September 11-12, 2008, Research Triangle Park, North Carolina, US
- 2008 McKim Conference on Predictive Toxicology, September 16-18, 2008, Duluth, Minnesota, US
- LINZ 2008: 15th Congress on Alternatives to Animal Testing & 12th Annual Meeting of MEGAT, September 19-21, 2008, Linz, Austria
- ESTIV 2008 (15th International Congress on In Vitro Toxicology), September 25-28, 2008, Stockholm, Sweden

## [More Events >>](#)

## User Participation

We welcome your participation in the AltTox forums, as well as your comments and suggestions, which can be submitted by using the online [Website Feedback](#) survey, or by e-mailing [info@alttox.org](mailto:info@alttox.org). Please submit your suggestions for the Informational Resources or Events section to [info@alttox.org](mailto:info@alttox.org).

If you received this message from a friend, you can sign up for the AltTox.org newsletter by clicking [here](#).

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