



**3/2012**

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# ALTEX

## ALTERNATIVES TO ANIMAL EXPERIMENTATION

### Food for thought ...

Thomas Hartung and  
Joanne Zurlo:

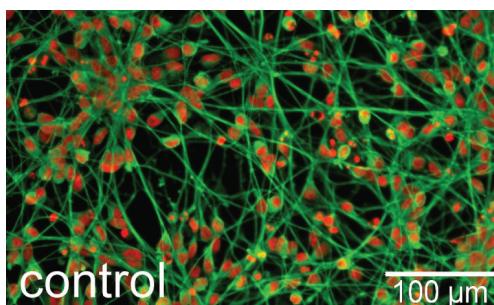
**Alternative approaches  
for medical  
countermeasures to  
biological and chemical  
terrorism and warfare**

Stefan Schildknecht,  
Susanne Kirner, Anja Henn,  
Karlo Gasparic, Regina Pape,  
Liudmila Efremova,  
Olaf Maier, Roman Fischer,  
and Marcel Leist:

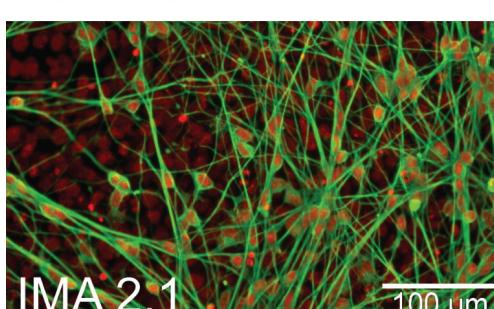
**Characterization of  
mouse cell line IMA 2.1  
as a potential model  
system to study astrocyte  
functions**

Fransisca Leonard,  
Hussain Ali, Eva-Maria Collnot,  
Bart J. Crielaard, Twan  
Lammers, Gert Storm, and  
Claus-Michael Lehr:

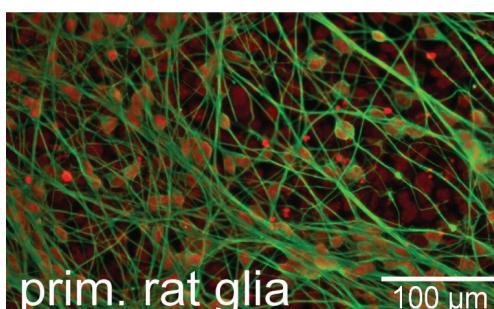
**Screening of budesonide  
nanoformulations for  
treatment of  
inflammatory bowel  
disease in an inflamed  
3D cell-culture model**



control



IMA 2.1



prim. rat glia

Marie-Jeanne W. A.  
Schiffelers, Bas J. Blaauwber,  
Coenraad F. M. Hendriksen,  
and Wieger E. Bakker:

**Regulatory acceptance  
and use of 3R models:  
a multilevel perspective**

Kristina Wagner,  
Bettina Fach, and  
Roman Kolar:

**Inconsistencies in  
data requirements of  
EU legislation  
involving tests  
on animals**

Conference report

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News

Calendar of events



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E-Mail: [subs@altex.ch](mailto:subs@altex.ch)

Redaktion TIERethik,  
Dr. Petra Mayr  
Tel.: +49 5042 507956  
E-Mail: [mayr@tierethik.net](mailto:mayr@tierethik.net)

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14th Annual Congress of EUSAAT

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**5th – 8th September 2012 – University of Linz, Austria**



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1. 21st century non-animal tools for basic and biomedical research
2. Implementing of the Directive 2010/63/EU on the protection of animal used for scientific purposes
3. Progress in 3Rs research: EU FP6 & FP7 projects on alternatives and member state research funding
4. 7th amendment of EU Cosmetics Directive: Cosmetics and animal testing - an end in sight
5. Chemicals: REACH and animal welfare
6. 3Rs progress in other sectors
7. Inhalation toxicology & toxicology of nanomaterials
8. 3R goes 3D! Implementation of 3D methods in toxicity testing
9. GCCP - Good cell culture practice
10. Ethical and & legal issues
11. Free communications

**EUSAAT**  
European Society for  
Alternatives to Animal Testing



## Pre-Congress Symposium

### 5th September 2012 ETS-EUSAAT joint afternoon symposium

Innovations and applications of the embryonic stem cell test (EST)

## Congress Office

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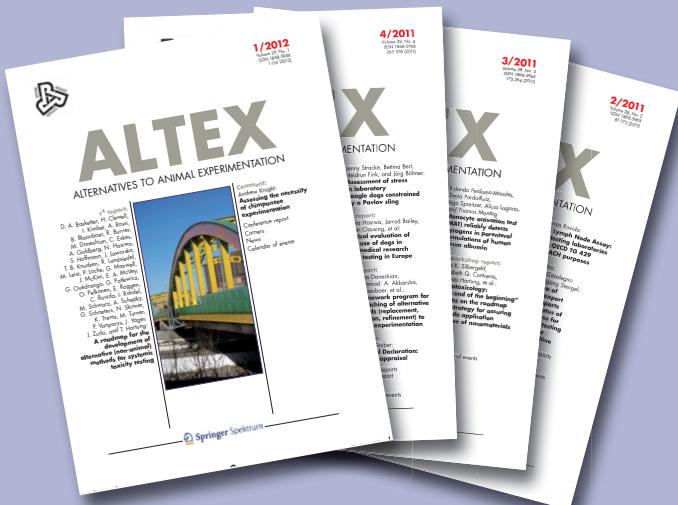
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