



**3/2012**

Volume 29, No. 3  
ISSN 1868-596X  
249-356 (2012)

# ALTEX

## ALTERNATIVES TO ANIMAL EXPERIMENTATION

### Food for thought ...

Thomas Hartung and  
Joanne Zurlo:

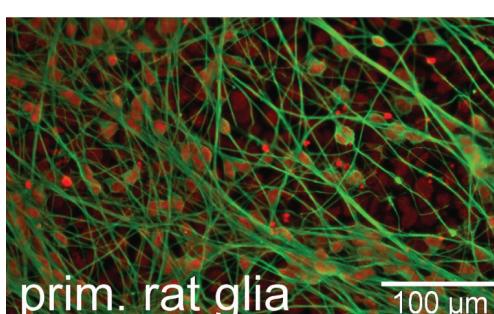
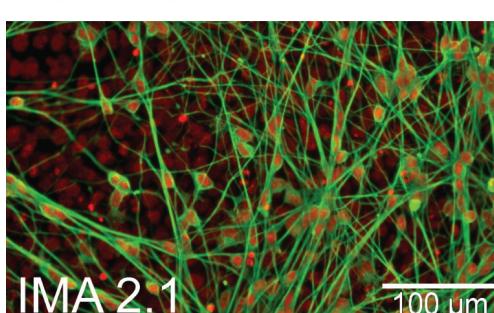
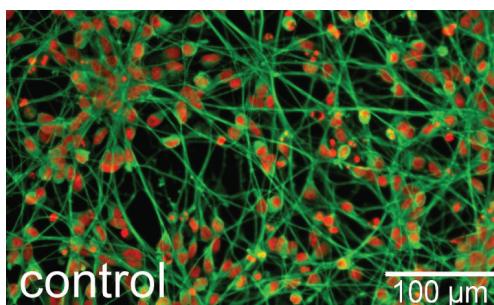
**Alternative approaches  
for medical  
countermeasures to  
biological and chemical  
terrorism and warfare**

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**



Marie-Jeanne W. A.  
Schiffelers, Bas J. Blaauwboer,  
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

Corners

News

Calendar of events



**Springer Spektrum**

[www.TIERethik.net](http://www.TIERethik.net)



Jede Ausgabe  
von TIERethik kann  
auch im Buchhandel als  
Einzelexemplar oder direkt  
beim Verlag für 19,50 €  
erworben werden.  
E-Mail:  
[vertrieb@mv-verlag.de](mailto:vertrieb@mv-verlag.de)

# TIERethik

## Zeitschrift zur Mensch-Tier-Beziehung

### Sie finden in TIERethik

- » Themenschwerpunkte mit Beiträgen von Fachautoren
- » Tagungsberichte
- » Nachrichten
- » Interviews, Kommentare, Standpunkte
- » und Besprechungen aktueller Literatur zur Mensch-Tier-Beziehung

TIERethik kostet 36 €/Jahr (2 Ausgaben).

Studierende und Mitglieder von Tierschutzorganisationen zahlen 24 €/Jahr.

Für Abonnenten von ALTEX gelten Sonderkonditionen.

Mehr Infos unter: [www.TIERethik.net](http://www.TIERethik.net)

### Nächster Themenschwerpunkt (Herbst/2012) »Tierversuche«

ALTEX Edition, Weinmanngasse 86,  
8700 Küsnacht ZH, Schweiz  
Tel.: +41 44 380 0830; Fax: +41 44 380 0832  
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)

# EUSAAT 2012

14th Annual Congress of EUSAAT

# LINZ 2012

17th Congress on Alternatives to Animal Testing

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



## Topics

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

**appl communications & consulting e. U.**

Helmut Appl

A-4225 Luftenberg/Donau, Laimbauerweg 15

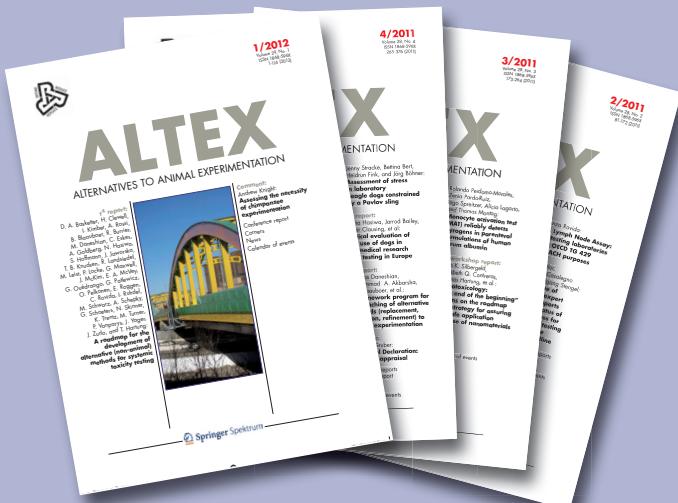
mobil: +43 (0)676 4104712

congress2012@eusaat.org

**www.eusaat.org**

# ALTEX – Reduced Subscription Rates

Special Reduced Rates for Selected Scientific Societies and Animal Welfare Organizations



## EUROPE

Subscription service Europe:

ALTEX Edition, Weinmannsgasse 86,

8700 Kuesnacht ZH, Switzerland

Tel.: +41-44-380 0830, Fax: +41-44-380 0832,

e-mail: subs@altex.ch

## USA

Subscription service USA:

Center for Alternatives to Animal Testing (CAAT),  
615 N. Wolfe St. W7032, Baltimore, MD, 21205, USA.

Phone: 410-614-4990, Fax: 410-614-2871,

e-mail: caat@jhsp.edu

## INDIA

Subscription service India:

Mahatma Gandhi Doerenkamp Center (MGDC) for  
Alternatives to Use of Animals in Life Science Education,  
Bharathidasan University, Tiruchirappalli - 620 024, India.  
Phone: +91 9790995854, Fax: +91 431 2407045,  
e-mail: mgdcaua@yahoo.in

First name

Last name

Institute/Library  
(if applicable)

Address

State

Zip code

Country

e-mail address

Date/signature

Please copy, insert your data and fax to the above  
given fax numbers in USA, EU or India

## Four issues:

Standard subscription

\$ 120 / 85 €

Library

\$ 240 / 170 € (companies, institutes, libraries)

Student

\$ 62 / 46 € (please fax proof of student status)

Society members

\$ 62 / 46 € (members of selected scientific societies and  
animal welfare organizations, please ask)

Subscription in India

Please ask for special prices for a subscription in India

Prices include postage for USA, all European countries  
and India. Additional costs for shipment outside of USA,  
Europe and India: 20 €.

The subscription can be cancelled at the end of the year. If  
there is no cancellation the subscription will be renewed  
automatically for another year.

## I want to pay by

credit card

check

electronic bank transfer

please send me an invoice

Selected contents of ALTEX are available online:  
<http://altweb.jhsp.edu/altex> and [www.altex.ch](http://www.altex.ch)