

ALTEX**A journal for new paths in
biomedical science****Vol. 27** (4/2010)**www.altex.ch****http://altweb.jhsph.edu/altex/**

Official organ of: CAAT, Center for Alternatives to Animal Testing, Johns Hopkins University, Baltimore, USA; CAAT-EU, University of Konstanz, Germany; EUSAAT, European Society for Alternatives to Animal Testing, Vienna, Austria; t⁴ – transatlantic think tank for toxicology, Baltimore, USA, Konstanz, Germany, Utrecht, The Netherlands; Doerenkamp-Zbinden Chairs in Germany, India, The Netherlands, Switzerland and USA

Editor:

Society ALTEX Edition Kuesnacht ZH,
Switzerland

Editor in chief:

Franz P. Gruber, Kuesnacht ZH, Switzerland

Society ALTEX Edition, Board:

Mardas Daneshian (Konstanz, Germany);
Markus Deutsch (Hinwil, Switzerland);
Daniel Favre (Thonex, Switzerland);
Thomas Hartung (Baltimore, USA);
Carol Howard (Baltimore, USA);
Claudia Mertens (Winterthur, Switzerland);
Stefanie Schindler (Konstanz, Germany)

**The members of the Society
ALTEX Edition can be found on
www.altex.ch**

ALTEX Editorial Office Europe:

Franz P. Gruber, Kuesnacht ZH, Switzerland;
Petra Mayr, Bad Mündler, Germany; Carolin
Rauter, Konstanz, Germany; Horst Spielmann,
Berlin, Germany; Sonja von Aulock, Konstanz,
Germany; Irène Hagmann, Zurich, Switzerland.
Webmaster: Goran Krummenacher, Zurich,
Switzerland.

Address:

Society ALTEX Edition
Weinmangasse 86,
8700 Kuesnacht ZH, Switzerland
Phone: +41 44 3800830
Fax: +41 44 3800832
e-mail: editor@altex.ch

ALTEX Editorial Office USA:

Thomas Hartung, Carol Howard,
Michael Hughes, Baltimore, MD, USA

Address:

CAAT
615 N Wolfe St., W7032 Baltimore,
MD 21205, USA
Phone: +1 410 614 4990, Fax: +1 410 614 2871
e-mail: thartung@jhsph.edu

Editorial Board:

Mohammad A. Akbarsha (Tiruchirappalli, India)
Bas J. Blaauboer (Utrecht, The Netherlands)
Miroslav Cervinka (Hradec Cralove, Czech
Republic)
Nicole Clemann (Basel, Switzerland)
Pierre Cosson (Geneva, Switzerland)
Klaus Cüßler (Langen, Germany)
Andrzej Elzanowski (Warsaw, Poland)
Gerhard Gstraunthaler (Innsbruck, Austria)
Friedrich Harrer (Salzburg, Austria)
Thomas Hartung (Baltimore, USA)
Jan G. Hengstler (Dortmund, Germany)
Jane Huggins (Plainsboro, USA)
Marcel Leist (Konstanz, Germany)
Coenraad F. M. Hendriksen (Bilthoven,
The Netherlands)
Brigitte Rusche (Neubiberg, Germany)
Walter Pfaller (Innsbruck, Austria)
Stefanie Schindler (Konstanz, Germany)
Klaus R. Schröder (Linz, Austria)
Horst Spielmann (Berlin, Germany)
Jan van der Valk (Utrecht, The Netherlands)
Angelo Vedani (Basel, Switzerland)
Gilman D. Veith (Two Harbors, USA)

ALTEX Online:

www.altex-edition.org
Altweb: <http://altweb.jhsph.edu>
ALTEX is indexed in MEDLINE, Current
Contents®, SciSearch® and ISI Document
Solution® and eMBASE.

Layout: H. P. Hoesli, Zurich, Switzerland

Print:

Stuertz GmbH, Wuerzburg, Germany

Distribution:

ALTEX, Weinmangasse 86
8700 Kuesnacht ZH, Switzerland
Phone: +41 44 380 0830; Fax: +41 44 380 0832
Fax: +49 7531 25833
e-mail: subs@altex.ch

Publisher:

Spektrum Akademischer Verlag.
Springer Science + Business Media.

Edition:

900

Circulation:

5 times per annum (four English and one German
issues) plus supplements

Subscription rates:

*Full Subscription (four English issues plus
ALTEXethik):*

Normal: 90 €

Library: 170 € (companies, institutes, libraries)

Student: 52 € (please fax proof of student status)

Animal Protection and Scientific Societies: 52 €

Engl.-Subscription (four English issues):

Normal: 80 €

Library: 160 € (companies, institutes, libraries)

Student: 42 € (please fax proof of student status)

Animal Protection and Scientific Societies: 42 €

NEW: ALTEXethik subscription

ALTEXethik: 15 € (German issue only)

All prices include postage and handling for all
European countries and the USA.

Additional costs for shipment outside of Europe
and USA: 20 € for 4 issues, 25 € for 5 issues.

Please ask for special subscription rates for India

Aims and Scope – Protecting More Than Animals

ALTEX, edited by the Swiss Society ALTEX Edition, is the official journal of CAAT, the Center for Alternatives to Animal Testing at the Johns Hopkins University in Baltimore, USA, EUSAAT, the European Society for Alternatives to Animal Testing (former MEGAT), t⁴, the transatlantic think tank for toxicology (Baltimore, Utrecht, Konstanz) and the Doerenkamp chairs in Germany, India, The Netherlands, Switzerland and USA. ALTEX is devoted to the publication of research on the development and promotion of alternatives to animal experiments according to the 3R concept of Russell and Burch: Replace, Reduce and Refine.

ALTEX publishes original articles, short communications, and reviews, as well as news and comments, meeting reports and book reviews. Animal experiments are defined by the editors as all experimental procedures involving the use of animals in testing, research and education or to obtain tissues, organs, and other animal derived products that may cause pain or distress to animals.

In addition to covering the biomedical aspects of animal experimentation, ALTEX is devoted to the bioethics of the complex relationship between humans and animals. Articles published in ALTEX should convey a basic respect for the dignity of living creatures and a recognition of animals as our partners. Articles devoted to the social and ethical aspects of this topic will be judged according to stringent scientific standards.

Manuscripts submitted to ALTEX are evaluated by two reviewers. The evaluation takes into account the scientific merit of a manuscript and the contribution to animal welfare and the 3R-principle.

© Copyright: Society ALTEX Edition, Kuesnacht ZH, Switzerland