



ALTEX

www.altex.ch

A quarterly journal for new paths in biomedical science

Official organ of the Middle European
Society for Alternative Methods to Animal
Testing (MEGAT)

Bd. 23 (Special Issue 2006)

Editor:

Society ALTEX Edition, Zurich,
Switzerland
President: Nina Schweigert (Zurich),
Vice president: Helmut Appl (Wien),
Society Board: Thomas Hartung (Konstanz),
Secretary and Editor in Chief: Franz P.
Gruber.

Editorial Office:

Franz P. Gruber, Horst Spielmann,
Susanne Scheiwiller, Irène Hagmann
(Zurich) and Sonja von Aulock
(Konstanz).
ALTEX, Hegarstr. 9, P.O.B. 1766,
8032 Zurich, Switzerland
Phone: +41-44-380 08 30,
Fax: +41-44-422 80 10,
E-mail: info@altex.ch.

Advisory Board:

Peter Bossard (Horw, Switzerland)
Miroslav Cervinka (Hradec Cralove,
Czech Republic)
Nicole Clemann (Basel, Switzerland)
Klaus Cußler (Langen, Germany)
Andrzej Elzanowski (Wroclaw, Poland)
Friedrich Harrer (Salzburg, Austria)
Thomas Hartung (Konstanz, Germany)
Jan G. Hengstler (Leipzig, Germany)
Jane Huggins (Plainsboro, USA)
Coenraad F. M. Hendriksen (Bilthoven,
The Netherlands)
Claudia Mertens (Winterthur, Switzerland)
Brigitte Rusche (Neubiberg, Germany)
Walter Pfaller (Innsbruck, Austria)
Harald Schöffl (Linz, Austria)
Gotthard M. Teutsch (Bayreuth, Germany)
Jan van der Valk (Utrecht, The
Netherlands)
Angelo Vedani (Basel, Switzerland)

ALTEX Online:

<http://www.altex.ch>

English summaries:

<http://altweb.jhsph.edu/publications/journals/altex/altex-index.htm>,

Webmaster: caat@jhsph.edu

ALTEX is indexed in MEDLINE, Current
Contents®, SciSearch® and ISI Document
Solution® and EMBASE.

ALTEX is published with the support of the society members and the following sponsors:

Foundation for animal-free Research,
FFVFF, Zurich, Switzerland (www.ffvff.ch);
Doerenkamp-Zbinden Foundation, Zurich,
Switzerland (www.doerenkamp-zbinden.org); MEGAT (Middle European
Society for Alternative Methods to Animal
Testing), Linz/Wien, Austria
(www.zet.or.at/MEGAT/index.htm);
Tierschutz Bund Zürich, Dübendorf,
Switzerland (www.tierschutzbund-zuerich.ch); Zürcher Tierschutz, Zurich,
Switzerland (www.zuerchertierschutz.ch);
Foundation SET, Mainz, Germany
(www.tierversuche-ersatz.de); German
Animal Welfare Federation, Bonn, Germany
(www.tierschutzbund.de); Menschen für
Tierrechte – Tierversuchgegner Baden-
Württemberg e.V., Stuttgart, Germany
(www.tierrechte-bw.org); Ligue Suisse
Contre la Vivisection, Thonex, Switzerland
(www.lscv.ch); Ärztinnen und Ärzte für
Tierschutz in der Medizin, Zurich,
Switzerland (www.aerztefuertierschutz.ch);
Foundation Biografics Laboratory 3R, Basel,
Switzerland (www.biograf.ch); Fondation
Egon Naef, Thonex, Switzerland
(www.fondation-naef.com).

Layout: H. P. Hösli, Zurich, Switzerland
Print: Stürtz GmbH, Würzburg, Germany

Distribution:

ALTEX, Schützenstr. 14,
78462 Konstanz, Germany;
ALTEX, Postfach 100125,
78401 Konstanz, Germany,
Phone: +49-7531 16614,
Mobile: +49-1726272224,
Fax +49-7531 25833,
E-mail: abo@altex.ch.

Publisher: Elsevier GmbH, Spektrum
Akademischer Verlag, Slevogtstrasse 3-5,
69115 Heidelberg, Germany,
Phone: +49-6221-9126 324,
Fax: +49-6221-9126 370,
www.elsevier.de.

Edition: 1300

Circulation: 4 times per annum

Subscription rates:

Europe

Private subscribers 75 €

Libraries, commercial institutions 150 €

Outside Europe

Private subscribers 91 €

Libraries, commercial institutions 166 €

Subscription rates include costs of
shipment (four issues/year) and taxes.
Animal welfare organisations, students
and subscribers from outside Europe and
former Soviet Union may ask for special
subscription rates.

Aims and scope

ALTEX, edited by the Swiss Society ALTEX Edition is the official journal of MEGAT, the Middle European Society for Alternative Methods to Animal Testing. 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 is publishing original articles, short communications, reviews as well as news and comments, meeting reports and book reviews in English and German. Animal experiments are defined by the editors as all experimental procedures using animals which may cause pain, suffering, and emotional harm to animals and which are conducted in research and education or to obtain tissues, organs, and other animal derived products. Besides covering the biomedical aspects of animal experimentation, ALTEX is also devoted to the bioethics of the complex relationship between man and animals. Articles published in ALTEX should express a basic concern about the dignity of living creatures. ALTEX is not only aimed at developing a new approach to recognise animals as partners but it also intends to introduce a scientific sight in the discussions on animal experiments. Articles devoted to the social and ethical aspects of this topic will, therefore, 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.