# **ALTEX**

# ALTERNATIVES TO ANIMAL EXPERIMENTATION

Vol. 35 (Issue 1/2018)

http://www.altex.org

# Official organ of

ASCCT – American Society for Cellular and Computational Toxicology, Fairfax, VA, USA

CAAT – Center for Alternatives to Animal Testing, Johns Hopkins University, Baltimore, MD, USA

CAAT-Europe – University of Konstanz, Konstanz, Germany

Doerenkamp-Zbinden Chairs in Germany and USA

ecopa – European consensus-platform for alternatives, Brussels, Belgium

EUSAAT – European Society for Alternatives to Animal Testing, Vienna, Austria

t<sup>4</sup> – transatlantic think tank for toxicology, Baltimore, USA, Konstanz, Germany

ALTEX is indexed in PubMed, Current Contents®, Index Copernicus, SciSearch®, ISI Document Solution®, DOAI and Embase.

### Issued by

Society ALTEX Edition, Kuesnacht, Switzerland

Board:

Mardas Daneshian
Daniel Favre
Gerhard Gstraunthaler
Thomas Hartung
Michael M. Hughes
Goran Krummenacher
Beatrice Roth
Roman Kolar (advisor)
Franz P. Gruber (CEO ALTEX)

Momhors.

The members of the Society ALTEX Edition can be found at http://www.altex.org

# **ALTEX Edition Editorial Office Europe**

Sonja von Aulock (Editor in chief) Franz P. Gruber (CEO) Petra Mayr (Editor TIERethik) Carolin Rauter (Technical editor) Goran Krummenacher (Webmaster)

#### **Address**

Society ALTEX Edition, Weinmanngasse 86 8700 Kuesnacht ZH, Switzerland Phone: +41 44 380 0830, Fax: +41 44 380 0832 e-mail: editor@altex.org

## **ALTEX Edition Editorial Office USA**

Martin L. Stephens (North American Editor) Thomas Hartung Michael M. Hughes

## **Address**

Johns Hopkins University Baltimore 615 N Wolfe Street W7032 Baltimore, MD 21020, USA Phone: +1 443 287 2515, Fax: +1 410 614 2871 e-mail: msteph14@jhu.edu

## **Editorial Board**

Mohammad A. Akbarsha
Emilio Benfenati
Bas J. Blaauboer
Toine Bovee
Pierre Cosson
Daniel Dietrich
Ellen Fritsche
Florian Groeber
Thomas Hartung
Sebastian Hoffmann
Roman Kolar
Marcel Leist

David Lewis
Grace Patlewicz
Horst Spielmann
Katy Taylor

Bennard van Ravenzwaay Catherine Willett

## Layout

H. P. Hoesli

#### **Print**

Prospektus Nyomda, Veszprém, Hungary

#### **Publisher**

Springer Spektrum | Springer-Verlag GmbH Tiergartenstraße 17 69121 Heidelberg, Germany http://www.springer.com Circulation: 500

Issues: 4 per annum

#### Distribution

ALTEX, Weinmanngasse 86 8700 Kuesnacht ZH, Switzerland Phone: +41 44 380 0830 Fax: +41 44 380 0832

e-mail: subs@altex.org

## **Subscription rates 2018**

ALTEX (4 issues)
Standard: 102 €

Libraries, companies, institutes: 204 €

Students: 55 €

Animal protection society members:  $55 \in$  *ALTEX* (4 issues) + *TIERethik* (2 issues)

Standard: 130 €

Libraries, companies, institutes: 232 €

Students: 75 €

Animal protection society members: 75 €

TIERethik (2 issues)

Standard, library, company, institute: 36  $\in$  Students, animal protection society members: 24  $\in$ 

Prices include postage for all countries

## Submissions

Follow instructions for authors posted on the ALTEX website.

## **Cover Picture**

Picrosirius red staining of cartilage and bone of osteochondral plugs in culture. Excerpt of Fig. 2 from Mouser et al., 65-76.

### **Aims and Scope**

ALTEX is devoted to the open access publication of scholarly articles on alternatives to the use of animals for scientific purposes according to the 3R concept of Russell and Burch: Replace, Reduce and Refine. Articles describing experiments involving the use of animals for scientific purposes must attest that experiments were performed according to the ethical standards set in the instructions to authors and must be described in detail in accordance with the ARRIVE or GSPC guidelines.

ALTEX publishes research articles, short communications, reviews, as well as comments, corners, news and meeting reports.

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

ALTEX Proceedings publishes Abstract Books and Proceedings of scientific conferences. TIERethik is a German-language journal devoted to the bioethics of the relationship between animals and humans.

© Society ALTEX Edition, Kuesnacht, Switzerland