

Prof. Horst Spielmann, MD, born 3 April 1942, SHORT CV

Professor for Regulatory Toxicology at the **Freie Universität Berlin, Germany**,
<https://www.bcp.fu-berlin.de/pharmazie/faecher/pharmakologie/spielmann/index.html>

Secretary General of EUSAAT (European Society for Alternatives to Animal Testing),

Chair of the Advisory Board of the **TissUse** company <https://www.tissuse.com/en/>,
a pioneer in the “**Human-Organ-Chip**” technology from 2010-2021.

Assoc. Editor Europe of the journal ATLA (Alternatives to Animal testing)
<http://www.atla.org.uk/>

Retired head of ZEBET (National German the Documentation and Evaluation of Alternatives to Testing in Animals (1989-2007) at the BfR (Federal Institute for Risk Assessment) in Berlin, Germany

https://www.bfr.bund.de/en/departement_experimental_toxicology_and_zebet-53864.html

Since 1989 chairperson and/or member of management teams (MT) of national and international validation studies of alternative methods to studies in animals that were funded by the German Minister for Education and Research (BMBF), by the European Commission (DG Environment), by ECVAM (European Centre for the Validation of Alternative Methods at the JRC in Ispra/Italy) and by COLIPA (the European Cosmetic, Toiletry and Perfumery Association).

Several of these successful validation studies resulted in the acceptance of the first in vitro toxicity tests for regulatory purposes at the international level (EU, OECD, Japan, USA), e.g. in vitro alternatives to the Draize eye test (1988 – 1995), in vitro phototoxicity tests (1992-1998) , in vitro corrosivity tests (1996-1998), an in vitro embryotoxicity test using a mouse embryonic stem cell line (1998-2002) and of the ECVAM skin irritation validation study using human skin models (2005-2007).

Thes successful validation studies resulted in in 2013 the word-wide ban of animal testing for the safety of cosmetics.

For these achievements I have received many international awards for replacing safety testing in animals by validated non-animal methods, e.g. by the US Humane Society (HSUS), the German animal welfare association Deutscher Tierschutzbund and in 2018 with Andrew Tyler Award 2018 for my lifetime achievements <https://lushprize.org/2018-prize/2018-prize-winners/>

Moreover, I have been appointed honorary member of the following international scientific societies:

Japanese Society for Alternatives to Animal Experiments (JSAAE, 2007),

European Society for Toxicology in Vitro (ESTIV, 2012) and

Society for Dermopharmacy (GD, 2013)

European Society for Alternatives to Animal testing (EUSAAT, 2022)

More information on my publications, animal welfare awards & H-Index is posted on ResearchGate <https://www.researchgate.net/profile/Horst-Spielmann>
and on Google Scholar

https://scholar.google.com/citations?view_op=list_works&hl=en&use=&user=OxCbS5EAAAA&user=OxCbS5EAAAAJ