

Curriculum vitae

Name	Dr. Jochen Buschmann
Day of birth	June 05, 1956
Studies	
1975-1980	Biology, Kishinev State University, USSR
1980	Dissertation (submitted for a diploma): "Investigation on the distribution of ¹²⁵ I labelled thyroxin in the rabbit brain."
Employment	
1980	Scientific co-worker (reprotox) in the department of Experimental Toxicology, Institute for Plant Protection Research, Kleinmachnow
1987	Head of the department of Experimental Toxicology, Institute for Plant Protection Research, Kleinmachnow
1990	Deputy Director of the Toxicology Division, Institute for Plant Protection Research, Kleinmachnow
1991	Head of the reprotox working group, Fraunhofer Institute of Toxicology und Experimental Medicine Hannover
2010	Head of Department Toxicology and Deputy Director of Division Toxicology and Environmental Hygiene, Fraunhofer Institute of Toxicology und Experimental Medicine Hannover
Education	
1985	PhD thesis (Dr. rer. nat.) "Prenatal toxicity of agrochemicals: experimental studies including behavioral teratology."
1984 - 1988	Postgradual study "Toxicology", Akademie für Ärztliche Fortbildung, Berlin
1990	Course "Reproductive toxicology", Institute of Toxicology and Embryopharmacology, Free University Berlin
Experience	
	Practical Experience in the performance and evaluation of reproductive, behavioural, general and inhalation toxicity as well as ecotoxicity studies in mammals and birds and in studies with exposure to electromagnetic fields
Memberships	
	President of the European Teratology Society (2004-2007)
	Member of the Editorial Board of "Reproductive Toxicology" (2004-2008)

Hannover, 16 March 2016

Recent publications:

L. David Wise, Jochen Buschmann, Maureen H. Feuston, J. Edward Fisher, Kok Wah Hew, Alan M. Hoberman, Steven A. Lerman, Yojiro Ooshima and Donald G. Stump
Embryo-fetal developmental toxicity study design for pharmaceuticals
Birth Defects Research Part B: Developmental and Reproductive Toxicology
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Graham P. Bailey, L. David Wise, Jochen Buschmann, Mark Hurtt and J. Edward Fisher
Pre- and postnatal developmental toxicity study design for pharmaceuticals
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Gregg D. Cappon, Graham P. Bailey, Jochen Buschmann, Maureen H. Feuston, J. Edward Fisher, Kok Wah Hew, Alan M. Hoberman, Yojiro Ooshima, Donald G. Stump and Mark E. Hurtt
Juvenile animal toxicity study designs to support pediatric drug development
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DASENBROCK, C., BUSCHMANN, J.:
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In: Cancer Risk Assessment: Methods and Prospective Approaches, Edited by Günter Obe, Gary Marchant, Burkhard Jandrig, Holger Schütz, and Peter M. Wiedemann.
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Evaluation of Reproductive/Developmental and Repeated Dose (Subchronic) Toxicity and Cytogenetic Effects in Rats of a Roofing Asphalt Fume Condensate by Nose-only Inhalation
Regulatory Toxicology and Pharmacology 59 (2011) 445–453

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Bioelectromagnetics 33 (2012), 623-633, DOI 10.1002/bem.21742

Roland Solecki, Stephane Barbellion, Brigitte Bergmann, Heinrich Bürgin, Jochen Buschmann, Ruth Clark, Laura Comotto, Antje Fuchs, Ali Said Faqi, Ralph Gerspach, Konstanze Grote, Helen Hakansson, Verena Heinrich, Barbara Heinrich-Hirsch, Thomas Hofmann, Ulrich Hübel, Thelma Helena Inazaki, Samia Khalil, Thomas B. Knudsen, Sabine Kudicke, Wolfgang Lingk, Susan Makris, Simone Müller, Francisco Paumgarten, Rudolf Pfeil, Elkiane Macedo Rama, Steffen Schneider, Kohei Shiota, Eva Tamborini, Mariska Tegelenbosch, Manuela Tiramani, Beate Ulbrich, E.A.J. van Duijnhoven, David Wise, Ibrahim Chahoud:
Harmonization of description and classification of fetal observations: Achievements and still standing problems. Report of the 7th Workshop on the Terminology in Developmental Toxicology Berlin, 4-6 May 2011
Reproductive Toxicology 35 (2013), 48-55.DOI 10.1016/j.reprotox.2012.06.006

Buschmann, J.:

The OECD Guidelines for the Testing of Chemicals and Pesticides.

In: Barrow, P.C. (Ed): Teratogenicity Testing: Methods and Protocols, Methods in Molecular Biology, vol. 947, 37-56, Springer Science + Business Media (2013)

J. Buschmann, R. Fuhst, T. Tillmann, H. Ernst, A. Kolling, G. Pohlmann, A. Preiss, E. Berger-Preiss, T. Hansen, R. Kellner, G.M. Rusch

Unexpected brain lesions in lactating Sprague-Dawley rats in a Two-generation Inhalation Reproductive Toxicity Study with pentafluoropropane (HFC-245fa).

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Reproductive Toxicology 45 (2014), 117-124. doi: 10.1016/j.reprotox.2014.02.009

Roland Solecki, Martina Rauch, Andrea Gall, Jochen Buschmann, Ruth Clark, Antje Fuchs, Haidong Kan, Verena Heinrich, Rupert Kellner, Thomas B. Knudsen, Weihua Li, Susan L. Makris, Yojiro Ooshima, Francisco Paumgartten, Aldert H. Piersma, Gilbert Schönfelder, Michael Oelgeschläger, Christof Schaefer, Kohei Shiota, Beate Ulbrich, Xuncheng Ding, Ibrahim Chahoud

Continuing harmonization of terminology and innovations for methodologies in developmental toxicology: Report of the 8th Berlin Workshop on Developmental Toxicity, 14–16 May 2014.

Reproductive Toxicology, 55 (2015), 140-146, doi:10.1016/j.reprotox.2015.06.046

Sewald K, Müller M, Buschmann J, Hansen T, Lewin G:

Development of hematological and immunological characteristics in neonatal rats.

Reproductive Toxicology, 56 (2015), 109-117, doi:10.1016/j.reprotox.2015.05.019