Curriculum Vitae

Personal information

Sarah Adler-Flindt

Work experience

1. Employer: Free University Berlin
   - Start date: 091999
   - End date: 072001
   - Position: Student assistant and tutor at animal physiology training course
   - Activities:
   - Country: Germany
2. Employer: European Centre for the Validation of Alternative Methods_ ECVAM
   - Start date: 072002
   - End date: 062005
   - Position: PhD student
   - Activities: Development of embryotoxicity test assays in vitro based on pluripotent cells, in particular human embryonic stem cells
   - Country: Italy
3. Employer: Cellartis AB
   - Start date: 012006
   - End date: 042008
   - Position: Scientist
   - Activities: Development of embryo_toxicity test assays based human embryonic stem cells
   - Country: Sweden
4. Employer: Federal Institute for Risk Assessment _ BfR, Center for Documentation and Evaluation of Alternative Methods to Animal Experiments _ ZEBET
   - Start date: 052008
   - End date: 092011
   - Position: Scientific officer
   - Activities: Scientific advice regarding the implementation of alternative methods (3Rs) during risk assessment
   - Country: Germany
5. Employer: Federal Institute for Risk Assessment _ BfR, Pesticides Safety
   - Start date: 092011
   - End date: 092018
   - Position: Scientific officer
   - Activities: Toxicological assessment of plant protection products and their ingredients
   - Country: Germany
6. Employer: Federal Office of Consumer Protection and Food Safety _ BVL, Veterinary Drugs
   - Start date: 102018
   - End date:
   - Position: Scientific officer
   - Activities: Risk assessment of pharmacologically active substances
   - Country: Germany

Education and training

1. Subject: DGPT, ASTOX
   - Start date: 062014
   - End date: 102022
   - Qualification: European Registered Toxicologist ERT
   - Organisation: Covered all subjects that are relevant in the field of toxicology.
   - Country: Germany
2. Subject: Free University Berlin
   - Start date: 041996
   - End date: 092002
   - Qualification: Diploma
   - Organisation: Studies of Biology, topic of master thesis: in vitro toxicology, 3Rs, embryonic stem cells, 1_year stay at ECVAM (European Centre for the validation of alternative methods) in Ispra, Italy for preparation of master thesis
   - Country: Germany
3. Subject: University of Konstanz
   - Start date: 092002
   - End date: 072005
   - Qualification: PhD
   - Organisation: PhD thesis in cell biology, in vitro toxicology, 3Rs, human embryonic stem cells, 3_year stay at ECVAM (European Centre for the validation of alternative methods) in Ispra, Italy for preparation of PhD thesis
   - Country: Germany

Additional information

Publications

– Kurth D, Wend K, Adler_Flindt S, Martin S. A comparative assessment of the CLP calculation method and in vivo testing for the classification of plant protection products. Regul Toxicol Pharmacol _ 2019 Feb;101:79_90. Epub 2018 Nov 22. – Adler_Flindt S, Martin S. Comparative Cytotoxicity of Plant Protection Products and their Active Ingredients. Toxicology in Vitro. Toxicol In Vitro _ 2019 Feb;54:354_366. Epub 2018 Oct 31. – Liebsch M, Grune B,

Seiler A, Butzke D, Oelgeschläger M, Pirow R, Adler S, Riebeling C and Luch A. Alternatives to Animal Testing: Current Status and Future Perspectives. Archives of Toxicology – 2011 August; 85(8):841_858. – Adler S, Basketter D, Creton S, Pelkonen O, et al. Alternative (Non_Animal) Methods for Cosmetics Testing: Current Status and Future Prospects – 2010. Archives of Toxicology _ 85 (5):367_485. – Adler S, Bicker G, Bigalke H, Bishop C, Blümel J, et al. Current Scientific and Legal Status of Alternative Methods to the LD50 Test for Botulinum Neurotoxin Potency Testing. Alternatives to laboratory animals: ATLA. 2010 September; 38(4):315_30. – Adler S, Lindqvist J, Emanuelsson K, Hyllner J, Strehl R. Testing Developmental Toxicants Using a Cytotoxicity Assay Based on Human Embryonic Stem Cells. Alternatives to laboratory animals: ATLA. 2008 May; 36(2):129_40. – Adler S, Pellizzer C, Hareng L, Hartung T, Bremer S. First Steps in Establishing a Developmental Toxicity Test Method Based on Human Embryonic Stem Cells. Toxicology In Vitro. 2008 Feb; 22(1):200_11. Epub 2007 Sep 4. – Adler S, Allsopp T, Bremer S, Buzanska L, et al. HESC Technology for Toxicology and Drug Development: Summary of Current Status and Recommendations for Best Practice and Standardization. The Report and Recommendations of an ECVAM Workshop. Unpublished report, 2007. Available at: http://ecvam.jrc.it/publication/hESC_%20010711.pdf. – Coecke S, Eskes C, Gartlon J, Kinsner A, Price A, van Vliet E, Prieto P, Boveri M, Bremer S, Adler S, Pellizzer C, Wendel A, Hartung T. The value of alternative testing for neurotoxicity in the context of regulatory needs. Environmental toxicology and pharmacology. February 2006; 21 (2): 153_167. – Adler S, Pellizzer C, Paparella M, Hartung T, Bremer S. The effects of solvents on embryonic stem cell differentiation. Toxicology In Vitro. 2006 Apr; 20(3):265_71. Epub 2005 Aug 19. – Adler S, Paparella M, Pellizzer C, Hartung T, Bremer S. The detection of differentiation_inducing chemicals by using green fluorescent protein expression in genetically engineered teratocarcinoma cells. Alternatives to laboratory animals ATLA. 2005 Apr; 33(2):91_103. – Pellizzer C, Bello E, Adler S, Hartung T, Bremer S. Detection of tissue_specific effects by methotrexate on differentiating mouse embryonic stem cells. Birth defects research. Part B, Developmental and reproductive toxicology. 2004 Oct; 71(5):331_41. – Pellizzer C, Adler S, Corvi R, Hartung T, Bremer S. Monitoring of teratogenic effects in vitro by analysing a selected gene expression pattern. Toxicology In Vitro. 2004 Jun; 18(3):325_35. – Bremer S, Pellizzer C, Adler S, Paparella M, de Lange J. Development of a testing strategy for detecting embryotoxic hazards of chemicals in vitro by using embryonic stem cell models. Alternatives to laboratory animals: ATLA. 2002 Dec; 30 Suppl 2:107_9.

Projects

Patent inventor: "A combined scalable in vitro differentiation system for human blastocyst_derived stem (hbs) cells or cells derived from hbs cells for direct assay application in multiwell plates" WO2008114204A3 "Toxicity assay based on human blastocyst_derived stem cells and progenitor cells" US8153359B2

Memberships

Vice-chair of EMA's 3RsWP

German Society for Pharmacology and Toxicology (DGPT e.V.)

Other Relevant Information