13 Publikationen

Abschnitte der vorliegenden Arbeit wurden bereits veröffentlicht:

Posterpräsentationen

Flick B, Kastner U and Klug S. Improvement in standardization of the whole-embryo-culture (WEC): Importance of a more precise staging. Naunyn-Schmiedeberg's Archives of Pharmacology 2000; 361(4, Suppl), 168.

Flick, B and Klug, S. Improvement in standardization of whole embryo culture (WEC): The potency of precise staging. Reproductive Toxicology 2000; 14(6), 562.

Flick B and Klug S. Bovine serum as an insufficient culture medium to investigate effects of exogenous growth factors on embryonic rat development. Naunyn-Schmiedeberg's Archives of Pharmacology 2001; 363(4, Suppl), 645.

Flick B, Schönfelder G and Klug S. The relevance of exogenous growth factors in the development of postimplantation embryos *in vitro*. Toxicology Letters 2001; 123 (Suppl 1), 23.

Flick B, Klug S, Shakibaei M, Felies A, Baumann-Wilschke I, Kunz A, Kastner M and Stahlmann R. Abschätzung der Pränataltoxizität von Moxifloxacin und Clinafloxacin in zwei *In vitro*-Tests. Infection 2003; 31 (Suppl 1), 152.

Flick B, Stahlmann R and Klug S. Evaluation of moxifloxacin and clinafloxacin for embryotoxicity using the whole embryo culture (WEC). Naunyn-Schmiedeberg's Archives of Pharmacology 2003; 367(Suppl 1), 525.

Flick B and Klug S. Standardization of whole embryo culture (WEC): Development of a commercially available culture medium. Naunyn-Schmiedeberg's Archives of Pharmacology 2003; 365(Suppl 1), 609.

Kral V, Flick B and Klug S. Embryonic stem cell test: Optimizing of culture variables. Naunyn-Schmiedeberg's Archives of Pharmacology 2003; 367 (Suppl 1), 631.

Flick B and Klug S. Establishment of a serum-free culture medium for the embryonic stem cell test (EST). Naunyn-Schmiedeberg's Archives of Pharmacology 2005; 371 (Suppl), 526.

Klug S, Jaeckh R, Rossbacher R and Flick B. Assessment of *in vitro* toxicity of N-methyl-pyrrolidone and its metabolites using the whole embryo culture test. Naunyn-Schmiedeberg's Archives of Pharmacology 2005; 371 (Suppl), 524.

Talsness CE, Flick B, Jaeckh R and Klug S. Assessment of *in vitro* toxicity of branched-chain carboxylic acids using the whole embryo culture test. Naunyn-Schmiedeberg's Archives of Pharmacology 2005; 371 (Suppl), 525.

Flick B, Jaeckh R and Klug S. *In vitro* study on the embryotoxic potential of branched-chain carboxylic acids.Toxicol Sci 2005; 84 (S1): 2252.

Flick B, Jaeckh R and Klug S. *In vitro* study on the embryotoxic potential of N-methyl-pyrrolidone (NMP) and its metabolites.Toxicol Sci 2005; 84 (S1): 2251.

Vorträge

Flick B and Klug S Establishment of a serum free culture medium for the embryonic stem cell test (EST). Annual Meeting of the European Teratology Society 2005, Haarlam, Netherlands.

Flick B and Klug S. *In vitro* toxicity of N-methyl-pyrrolidone and its three metabolites using the whole embryo culture test (WEC) including more precise endpoints. 5. World Congress on Alternatives & Animal Use in Life Sciences 2005, Berlin.

Flick B and Klug S. *In vitro* toxicity of N-methyl-pyrrolidone (NMP) in comparision to ethanol using the whole embryo culture test (WEC) with consideration of new endpoints. Naunyn-Schmiedeberg's Archives of Pharmacology 2006; 372 (Suppl 1), 100.

Preise

EUROTOX Young Scientist Award – Posterpreis EUROTOX Kongress, Istanbul.
Flick B, Schönfelder G and Klug S. The relevance of exogenous growth factors in the development of postimplantation embryos *in vitro*. Toxicology Letters 2001; 123 (Suppl 1), 23.

Review

Flick B and Klug S. Whole Embryo Culture: An Important Tool in Developmental Toxicology Today. Curr Pharm Des 2006; 12(12):1467-1488.