

Literaturliste ZEBET 1989 bis 2009, sortiert nach Themen

List of ZEBET literature 1989-2009 by topic

1. Aufgabenbereiche der Zentralstelle zur Erfassung und Bewertung von Ersatz- und Ergänzungsmethoden zum Tierversuch (ZEBET)

Areas of work of the Centre for Documentation and Evaluation of Alternatives to Animal Experiments (ZEBET)

1. Spielmann H, Grune B, Liebsch M, Vogel R (2008) Mission and Accomplishments of ZEBET, the National Centre for Alternatives in Germany. AATEX 14: 41-46
3. Sauer UG, Spielmann H, Rusche B (2005) Fourth EU report on the statistics on the number of animals used for scientific purposes in 2002 — Trends, problems, conclusions. ALTEX 22: 59-67
4. Spielmann H (2005) Progress in Establishing in Vitro Alternatives to Animal Experiments — Ethical and Scientific Challenges. AATEX 11: 89-100
5. Sauer UG, Spielmann H, Rusche B (2004) Third EU report on the statistics on animals used for experimental and other scientific purposes: Trends, problems, conclusions. ATLA 32: 309-317
6. Luy J, Grune B (2003) Workshop-report: Classes of 'protection of animals' concept in schools. ALTEX 20: 40-42
7. Sauer UG, Spielmann H, Rusche B (2003) Dritter EU-Bericht über die Anzahl verwendeter Versuchstiere — Tendenzen, Probleme, Schlussfolgerungen. Third statistical report on the numbers of laboratory animals used in the European Union — Tendencies, problems, decisions. ALTEX 20: 120-123
8. Spielmann H (2003) The future of animal experiments in nutrition research. Forum Nutr 56: 297-299
9. Spielmann H (2002) A chair on alternatives? ALTEX 19: 69-73
10. Spielmann H, Grune B, Ott T, Schnädelbach D, Olejniczak K, Schwaning M, Cußler K, Mettenleiter T, Ahl R (1998) Möglichkeiten des Einsatzes von Ersatz- und Ergänzungsmethoden zum Tierversuch bei der Entwicklung und Zulassung von Arzneimitteln. Bundesgesundheitsblatt 41: 422-429
11. Spielmann H (1997) Fromme Wünsche helfen nicht. Berliner Ärzte 5: 3
12. Spielmann H (1997) Animal alternatives in Germany. Science 276: 19
13. Spielmann H (1997) EU-Recht erfordert Novellierung des Tierschutzgesetzes. Biospektrum 3: 20
14. Grune-Wolff B, Handke B, Spielmann H (1996) Transgene Tiere und gentechnisch veränderte Zellen als Alternativmethoden zum Tierversuch. Bundesgesundheitsblatt Sonderheft Dez: 41-43
15. Grune-Wolff B, Spielmann H (1995) Tierversuche in der veterinärmedizinischen mikrobiologischen Diagnostik in Deutschland. ALTEX 12: 201-202
16. Rusche B, Spielmann H (1994) Letter to the editor. ATLA 22: 512
17. Spielmann H (1994) Aufstellungssystematik des Archivs für Tier- Natur- und Umweltschutz. ALTEX 11: 164-165
18. Spielmann H (1994) Verleihung der Medaille der Medizinischen Fakultät der tschechischen Karls-Universität an Michael Balls. ALTEX 11: 160
19. Spielmann H (1993) Government initiatives to change the German animal protection act. ATLA 21: 384-385
20. Spielmann H (1993) Kritische Anmerkungen zum Memorandum der deutschen Wissenschaftsorganisationen zur Novellierung des Tierschutzgesetzes vom 7. Oktober 1992. ALTEX 10: 70-71
21. Spielmann H (1989) Die Zentrale Erfassungs- und Bewertungsstelle für Ersatz- und Ergänzungsmethoden zum Tierversuch. Bundesgesundheitsblatt 32: 363

2. Konzepte zur Entwicklung und Anerkennung von Alternativmethoden

Concepts for the development and recognition of alternative methods

1. Maurici D, Barlow S, Benford D, Dybing E, Halder M, Louhimies S, Holloway M, Lacerda A, Mantovani A, Meyer O, Pratt I, Morton D, Seinen W, Spielmann H, LeNeindre P (2008) Overview of the test requirements in the area of food and feed safety. AATEX 14: 779-783
2. Robinson S, Basketter D, Bussi R, Coenen J, Connolly P, Elvig-Jorgensen SG, Hermans H, Hoffmeister A, Lacerda A, Linge JP, Spielmann H, Torok M, van der Valk J, Watson T (2008) Dissemination strategies: How do they influence the uptake of the new Three Rs methods across laboratories and other boundaries? A report of a workshop held by the European Partnership for Alternative Approaches to Animal Testing (EPAA) Working Group 3. ATLA 36: 453-458
3. Balls M, Amcoff P, Bremer S, Casati S, Coecke S, Clothier R, Combes R, Corvi R, Curren R, Eskes C, Fentem J, Gribaldo L, Halder M, Hartung T, Hoffmann S, Schectman L, Scott L, Spielmann H, Stokes W, Tice R, Wagner D, Zuang V (2006) The principles of weight of evidence validation of test methods and testing strategies — The report and recommendations of ECVAM workshop 58. ATLA 34: 603-620

4. Box RJ (2006) Replacement of dogs as research animals for the approval testing of plant protection products. ALTEX 23: 24-27
5. Hess P, Grune B, Anderson DB, Aune T, Botana LM, Caricato P, van Egmond HP, Halder M, Hall S, Lawrence JF, Moffat C, Poletti R, Richmond J, Rossini GP, Seamer C, Vilageliu JS (2006) Three Rs Approaches in Marine Biotoxin Testing — ECVAM Workshop Report 55. ATLA 34: 193-224
6. Spielmann H, Box R (2006) The dog as second test species for the toxicological evaluation of pesticides — International status. Naunyn Schmiedebergs Arch Pharmacol 372: 133
7. Box RJ, Spielmann H (2005) Use of the dog as non-rodent test species in the safety testing schedule associated with the registration of crop and plant protection products (pesticides): Present status. Arch Toxicol 79: 615-626
8. Spielmann H, Gerner I, Hoefer T, Liebsch M, Herzler M (2005) Regulatory use of (Q)SARs in toxicological hazard assessment strategies. Naunyn Schmiedebergs Arch Pharmacol 371: R134
9. Spielmann H (2005) Predicting the risk of developmental toxicity from in vitro assays. Toxicol Appl Pharmacol 207: 375-380
10. Genschow E, Seiler A, Spielmann H (2004) Considering the test performance for three class data using linear discriminant analysis: A case study. ATLA 32: 713-723
11. Gerner I, Spielmann H, Hoefer T, Liebsch M, Herzler M (2004) Regulatory use of (Q)SARs in toxicological hazard assessment strategies. SAR QSAR Environ Res 15: 359-366
12. Hoefer T, Gerner I, Gundert-Remy U, Liebsch M, Schulte A, Spielmann H, Vogel R, Wettig K (2004) Animal testing and alternative approaches for the human health risk assessment under the proposed new European chemicals regulation. Arch Toxicol 78: 549-564
13. Spielmann H (2004) Predicting The risk of developmental toxicity from In vitro assays. Toxicol Appl Pharmacol 197: 163-164
14. Spielmann H, Gerner I, Hoefer T, Liebsch M, Herzler M (2004) Regulatory use of (Q)SARs in toxicological hazard assessment. ALTEX 21: 178-179
15. Liebsch M, Spielmann H, Koeter HBWM (2003) In vitro alternatives accepted as new OECD test guidelines: A result of validation and careful international commenting. Naunyn Schmiedebergs Arch Pharmacol 367: R168
16. Spielmann H (2003) Validation and regulatory acceptance of new carcinogenicity tests. Toxicol Pathol 31: 54-59
17. Balls M, Bogni A, Bremer S, Casati S, Coecke S, Eskes C, Prieto P, Sabbioni E, Worth A, Zuang V, Barratt M, Blaabuwer B, Botham P, Combes R, Doehmer J, Fentem J, Liebsch M, Spielmann H (2002) Alternative (non-animal) methods for chemicals testing: Current status and future prospects — Overview. ATLA 30: ii-iii
18. Miethe G (2002) Possibilities of replacing and reducing animal tests in the pharmacopoeias: An evaluation of unused methods and proposals for change. ATLA 30: 229-240
19. Miethe G, Sponer G (2002) The development and approval of alternative methods to bioassays used for quality assurance, a challenge for the pharmaceutical industry and the authorities. ALTEX 19: 115-121
20. Spielmann H (2002) Animal use in the safety evaluation of chemicals: Harmonization and emerging needs. ILAR J 43 Suppl: S11-S17
21. Stitzel KA, Spielmann H, Griffin G (2002) The international symposium on regulatory testing and animal welfare: Recommendations on best scientific practices for acute systemic toxicity testing. ILAR J 43 Suppl: S108-S111
22. Spielmann H, Gerbracht U (2001) The use of dogs as second species in regulatory testing of pesticides — Part II: Subacute, subchronic and chronic studies in the dog. Arch Toxicol 75: 1-21
23. Spielmann H, Liebsch M (2001) Current Validation Studies on Alternatives to animal Experiments in Europe. AATEX 7: 81-89
24. van der Valk J, Stammati A, Spielmann H, Blaabuwer B (2001) Eleventh International Workshop on In Vitro Toxicology — 25-28 October 2000 Pueblo Acantilado, El Campello (Alicante), Spain. Toxicol In Vitro 15: 261-262
25. Balls M, Berg N, Bruner LH, Curren RD, de Silva O, Earl LK, Esdaile DJ, Fentem JH, Liebsch M, Ohno Y, Prinsen MK, Spielmann H, Worth AP (1999) Eye irritation testing: The way forward — The report and recommendations of ECVAM Workshop 34. ATLA 27: 53-71
26. Spielmann H (1999) Fortschritte bei der Reduktion behördlich vorgeschriebener Tierversuche in der Toxikologie. Bioforum 10: 606-609
27. Spielmann H (1999) Alternatives to the Draize eye test: Current status of validation and acceptance in Europe. ALTEX 16: 171-172
28. Gerbracht U, Spielmann H (1998) The use of dogs as second species in regulatory testing of pesticides. I. Interspecies comparison. Arch Toxicol 72: 319-329
29. Spielmann H, Liebsch M, Reinhardt C (1998) ERGATT/ECVAM Workshop on Acceptance of Validated Alternative Methods: Amden III. ALTEX 15: 18-22

30. Tichias K, Fentem J, Basketter D, Botham P, Brooker P, Bruner L, Evans P, Fairhurst S, Fassold E, Fielder R, Gerberick F, Harvey P, Koeter H, Parsons P, Schlede E, Shannon D, Spielmann H (1998) Progress in toxicological testing: Reduction and refinement issues — Recommendations from a Joint UK Government/ECVAM Meeting. ATLA 26: 619-627
31. Todd M, Garthoff B, Bernhardt W, Bode G, Farr S, Kolar R, Lumley C, Pieters M, Rogiers V, Sauer U, Spielmann H, Straus J, Wargard L (1998) Issues relating to the release of proprietary information and data for use in the validation of alternative methods. ATLA 26: 13-20
32. Zarnow K, Spielmann H (1998) Möglichkeiten zur Reduzierung oder zum Ersatz von Tierversuchen die in DIN-Normen vorgeschrieben sind. Reduction and replacement of animal tests required in standards for safety testing. ALTEX 15: 129-140
33. Gruber FP, Spielmann H (1996) Replacement of the frog test in physiology teaching by the myograph: Practical validation in Germany. ALTEX 13: 190-194
34. Spielmann H (1996) Unterschiedliche Konzepte der toxikologischen Risikobewertung bei der Anwendung von Tierversuchen und in vitro Methoden. Different concepts for risk assessment have to be applied if the data are derived from testing in animals or from testing in vitro. ALTEX 13: 140-143
35. Spielmann H (1996) A German Study on "the use of dogs as the second species in regulatory testing of pesticides". ATLA 24: 609-610
36. Spielmann H, Reinhardt C (1996) OECD is accepting test guidelines for validated in vitro toxicity tests in 1996. ALTEX 13: 167-174
37. Balls M, De Klerck W, Baker F, von Beek M, Bouillon C, Bruner L, Carstensen J, Chamberlain M, Cottin M, Curren R, Dupuis J, Fairweather F, Faure U, Fentem J, Fisher C, Galli C, Kemper F, Knaap A, Langley G, Loprieno G, Loprieno N, Pape W, Pechovitch G, Spielmann H, Ungar C, White I, Zuang V (1995) Development and validation of non-animal tests and testing strategies: The identification of a coordinated response to the challenge and the opportunity presented by the sixth amendment of the cosmetics directive (76/768/EEC). ATLA 23: 398-409
38. Balls M, Goldberg AM, Fentem JH, Broadhead CL, Burch RL, Festing MF, Frazier JM, Hendriksen CF, Jennings M, van der Kamp MD, Morton DB, Rowan AN, Russell C, Russell WM, Spielmann H, Stephens ML, Stokes WS, Straughan DW, Yager JD, Zurlo J, van Zutphen BF (1995) The three Rs: The way forward: The report and recommendations of ECVAM Workshop 11. ATLA 23: 838-866
39. Balls M, Blaaboober B, Fentem J, Bruner L, Combes R, Ekwal B, Fiedler RJ, Guillouzo A, Lewis RW, Lovell DP, Reinhardt CA, Repetto G, Sladowski D, Spielmann H, Zucco F (1995) Practical aspects of the validation of toxicity test procedures. The report and recommendations of ECVAM Workshop 5. ATLA 23: 129-147
40. Curren R, Southee J, Spielmann H, Liebsch M, Fentem J, Balls M (1995) The role of prevalidation in the development, validation and acceptance of alternative methods. ATLA 23: 211-217
41. Fentem J, Prinsen MK, Spielmann H, Walum E, Botham PA (1995) Validation — Lessons learned from practical experience. Toxicol In Vitro 9: 857-862
42. Gunzel P, Halle W (1995) Bemerkungen zur Arbeit von W. Halle und H. Spielmann in ALTEX 11, 1994, 148-154 Zur Qualität der Vorhersage der akuten Toxizität (LD50) aus der Zytotoxizität (IC50x) für eine Gruppe von 26 Neurotropika aufgrund der Daten des "Erweiterten Registers der Zytotoxizität". ALTEX 12: 104-107
43. Hartung T, Spielmann H (1995) Der lange Weg zur validierten Ersatzmethode. The sophisticated process of validation. ALTEX 12: 98-103
44. Liebsch M, Spielmann H (1995) Von Menschen und Mäusen, Ersatz der Aszitesmaus zur Produktion monoklonaler Antikörper in Deutschland. Bundesgesundheitsblatt 38: 227-231
45. Blaaboober B, Balls M, Bianchi V, Bolcsfoldi G, Guilouzo A, Moore GA, Odland L, Reinhardt C, Spielmann H, Walum E (1994) The ECITTS integrated toxicity testing scheme: the application of in vitro test systems to the hazard assessment of chemicals. Toxicol In Vitro 8: 845-846
46. Walum E, Balls M, Bianchi V, Blaaboober B, Bolcsfoldi G, Guilouzo A, Moore GA, Odland L, Reinhardt C, Spielmann H (1992) ECITTS: An integrated approach to the application of in vitro test systems to the hazard assessment of chemicals. ATLA 20: 406-439
47. Balls M, Blaaboober B, Brusik D, Frazier J, Lamp D, Pemberton M, Reinhardt C, Roberfroid M, Rosenkranz H, Schmid B, Spielmann H, Stammati AL, Walum E (1990) Report and recommendations of the CAAT/ERGATT workshop on the validation of toxicity test procedures. ATLA 18: 313-337
48. Balls M, Botham P, Cordier A, Fumero S, Kayser D, Koeter H, Koundkjian P, Lindauist NG, Meyer O, Piola L, Reinhardt C, Rozemond H, Smyrniotis T, Spielmann H, von Looy H, van der Venne MT, Walum E (1990) Report and recommendations of an international workshop on promotion of the regulatory acceptance of validated non-animal toxicity test procedures. ATLA 18: 339-344

3. Alternativmethoden in der Toxikologie

Alternative methods in toxicology

1. Berube K, Aufderheide M, Breheny D, Clothier R, Combes R, Duffin R, Forbes B, Gaca M, Gray A, Hall I, Kelly M, Lethem M, Liebsch M, Merolla L, Morin JP, Seagrave J, Swartz MA, Tetley TD, Umachandran M (2009) In vitro models of inhalation toxicity and disease. The report of a FRAME workshop. ATLA 37: 89-141
2. Buesen R, Genschow E, Slawik B, Visan A, Spielmann H, Luch A, Seiler A (2009) Embryonic stem cell test remastered: Comparison between the validated EST and the new molecular FACS-EST for assessing developmental toxicity in vitro. *Toxicol Sci* 108: 389-400
3. Marx-Stoelting P, Adriaens E, Ahr HJ, Bremer S, Garthoff B, Gelbke HP, Piersma A, Pellizzer C, Reuter U, Rogiers V, Schenk B, Schwengberg S, Seiler A, Spielmann H, Steemans M, Stedman, DB, Vanparnis P, Vericat JA, Verwei M, van der Water F, Weimer M, Schwarz M (2009) A review of the implementation of the embryonic stem cell test (EST). The report and recommendations of an ECVAM/ReProTect Workshop. ATLA 37: 313-328
4. Scott L, Eskes C, Hoffmann S, Adriaens E, Alepee N, Bufo M, Clothier R, Facchini D, Faller C, Guest R, Harbell J, Hartung T, Kamp H, Varlet BL, Meloni M, McNamee P, Osborne R, Pape W, Pfannenbecker U, Prinsen M, Seaman C, Spielmann H, Stokes W, Trouba K, Berghe CV, Goethem FV, Vassallo M, Vinardell P, Zuang V (2009) A proposed eye irritation testing strategy to reduce and replace in vivo studies using Bottom-Up and Top-Down approaches. *Toxicol In Vitro*
5. Trauer S, Patzelt A, Otberg N, Knorr F, Rozycki C, Balizs G, Buttemeyer R, Linscheid M, Liebsch M, Lademann J (2009) Permeation of topically applied caffeine through human skin — A comparison of in vivo and in vitro data. *Br J Clin Pharmacol* 68: 181-186
6. Pauluhn J, Hahn A, Spielmann H (2008) Assessment of early acute lung injury in rats exposed to aerosols of consumer products: attempt to disentangle the "Magic Nano" conundrum. *Inhal Toxicol* 20: 1245-1262
7. Schafer-Korting M, Bock U, Diembeck W, Dusing HJ, Gamer A, Haltner-Ukomadu E, Hoffmann C, Kaca M, Kamp H, Kersen S, Kietzmann M, Korting HC, Krachter HU, Lehr CM, Liebsch M, Mehling A, Muller-Goymann C, Netzlaff F, Niedorf F, Rubbelke MK, Schafer U, Schmidt E, Schreiber S, Spielmann H, Vuia A, Weimer M (2008) The use of reconstructed human epidermis for skin absorption testing: Results of the validation study. ATLA 36: 161-187
8. Spielmann H, Vogel R (2008) The extended 1-generation study (OECD 415), as a replacement of the mammalian 2-generation study (OECD 416). *AATEX* 14: 795-798
9. Spielmann H, Grune B, Liebsch M, Seiler A, Vogel R (2008) Successful validation of in vitro methods in toxicology by ZEBET, the National Centre for Alternatives in Germany at the BfR (Federal Institute for Risk Assessment). *Exp Toxicol Pathol* 60: 225-233
10. Spielmann H (2008) Developmental and reproductive toxicity testing: Animal studies are not predictive for humans. ATLA 36: 715-716
11. Kandarova H, Richter H, Liebsch M, Lademann J (2007) Stratum corneum architecture of reconstructed human skin models monitored by fluorescent confocal laser scanning microscopy. *Laser Phys Lett* 4: 308-311
12. Kejlova K, Jirova D, Bendova H, Kandarova H, Weidenhoffer Z, Kolarova H, Liebsch M (2007) Phototoxicity of bergamot oil assessed by in vitro techniques in combination with human patch tests. *Toxicol In Vitro* 21: 1298-1303
13. Spielmann H, Hoffmann S, Liebsch M, Botham P, Fentem JH, Eskes C, Roguet R, Cotovio J, Cole T, Worth A, Heylings J, Jones P, Robles C, Kandarova H, Gamer A, Remmeli M, Curren R, Raabe H, Cockshott A, Gerner I, Zuang V (2007) The ECVAM international validation study on in vitro tests for acute skin irritation: Report on the validity of the EPISKIN and EpiDerm assays and on the Skin Integrity Function Test. ATLA 35: 559-601
14. Brendler-Schaab S, Kasper P, Aeby P, Epe B, Frotschl R, Gocke E, Hertel C, Kirchner S, Liebsch M, Meurer K, Plappert-Helbig U, Schmidt E (2006) New aspects of photogenotoxicity testing: Prevalidation of the photo-micronucleus test and the photo-comet assay. *Mutagenesis* 21: 277-278
15. Buesen R, Kaltenhauser J, Genschow E, Visan A, Slawik B, Schlechter K, Becker K, Spielmann H, Seiler A (2006) Establishing predictive molecular markers of differentiation as toxicological endpoints in the embryonic stem cell test (EST). *Naunyn Schmiedebergs Arch Pharmacol* 372: 130
16. Herzler M, Spielmann H, Gerner I, Liebsch M, Hoefer T (2006) Use of in vitro data and (Q)SARs to classify eye irritating chemicals in the EU — Experience at the BfR. *ALTEX* 23 Suppl: 239-245
17. Kandarova H, Liebsch M, Spielmann H, Genschow E, Schmidt E, Traue D, Guest R, Whittingham A, Warren N, Gamer AO, Remmeli M, Kaufmann T, Wittmer E, De Wever B, Rosdy M (2006) Assessment of the human epidermis model SkinEthic RHE for in vitro skin corrosion testing of chemicals according to new OECD TG 431. *Toxicol In Vitro* 20: 547-559
18. Kandarova H, Richter H, Liebsch M, Lademann J (2006) Stratum corneum architecture of reconstructed human skin models monitored by fluorescent confocal laser scanning microscopy. *Laser Phys Lett* 4: 308-311

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20. Kandarova H, Liebsch M, Schmidt E, Genschow E, Traue D, Spielmann H, Meyer K, Steinhoff C, Tornier C, De Wever B, Rosdy M (2006) Assessment of the skin irritation potential of chemicals by using the SkinEthic reconstructed human epidermal model and the common skin irritation protocol evaluated in the ECVAM skin irritation validation study. *ATLA* 34: 393-406
21. Schaefer-Korting M, Bock U, Gamer A, Haberland A, Haltner-Ukomadu E, Kaca M, Kamp H, Kietzmann M, Korting HC, Krachter HU, Lehr CM, Liebsch M, Mehling A, Netzlaff F, Niedorf F, Rubbelke MK, Schafer U, Schmidt E, Schreiber S, Schroder KR, Spielmann H, Vuia A (2006) Reconstructed human epidermis for skin absorption testing: Results of the German prevalidation study. *ATLA* 34: 283-294
22. Seiler A, Buesen R, Hayess K, Schlechter K, Visan A, Genschow E, Slawik B, Spielmann H (2006) Current status of the embryonic stem cell test: the use of recent advances in the field of stem cell technology and gene expression analysis. *ALTEX* 23 Suppl: 393-399
23. Seiler A, Buesen R, Visan A, Spielmann H (2006) Use of murine embryonic stem cells in embryotoxicity assays: The embryonic stem cell test. *Methods Mol Biol* 329: 371-395
24. Spielmann H, Seiler A, Bremer S, Hareng L, Hartung T, Ahr H, Faustman E, Haas U, Moffat GJ, Nau H, Vanparys P, Piersma A, Sintes JR, Stuart J (2006) The practical application of three validated in vitro embryotoxicity tests. The report and recommendations of an ECVAM/ZEBET workshop (ECVAM workshop 57). *ATLA* 34: 527-538
25. Spielmann H, Vogel R (2006) REACH testing requirements must not be driven by reproductive toxicity testing. *ATLA* 34: 365-366
26. Trauer S, Kandarova H, Schmidt E, Traue D, Schaefer U, Lehr CM, Liebsch M (2006) In vitro skin absorption of butyl methoxydibenzoylmethane determined in human epidermis and in a reconstituted human epidermis model. *Naunyn Schmiedebergs Arch Pharmacol* 372: 130
27. Vuia A, Bock U, Diembeck W, Dusing HJ, Gamer AO, Haltner-Ukomadu E, Hoffmann C, Kaca M, Kamp HG, Kersen S, Kietzmann M, Korting HC, Krachter HU, Lehr CM, Liebsch M, Mehling A, Muller-Goymann C, Netzlaff F, Niedorf F, Rubbelke MK, Schafer UF, Schmidt E, Spielmann H, Weimer M, Schaefer-Korting M (2006) Skin absorption testing via reconstructed human epidermis — Results of the German validation study. *Naunyn Schmiedebergs Arch Pharmacol* 372: 130
28. Aufderheide M, Costa DL, Devlin R, Feron V, Harkema JR, Hayashi Y, Pauluhn J, Spielmann H (2005) Experimental assessment of the toxicological effects of inhaled complex mixtures on the respiratory system, 23-25 April 2005, Barcelona, Spain. Summary and conclusions of the review committee. *Exp Toxicol Pathol* 57 Suppl 1: 239-243
29. Bremer S, Cortvriendt R, Daston G, Eletti B, Mantovani A, Maranghi F, Pelkonen O, Ruhdel I, Spielmann H (2005) Reproductive and developmental toxicity. *ATLA* 33 Suppl 1: 183-209
30. Eskes C, Bessou S, Bruner L, Curren R, Harbell J, Jones P, Kreiling R, Liebsch M, McNamee P, Pape W, Prinsen MK, Seidle T, Vanparys P, Worth A, Zuang V (2005) Eye irritation. *ATLA* 33 Suppl 1: 47-81
31. Gerner I, Liebsch M, Spielmann H (2005) Assessment of the eye irritating properties of chemicals by applying alternatives to the Draize rabbit eye test: The use of QSARs and in vitro tests for the classification of eye irritation. *ATLA* 33: 215-237
32. Kandarova H, Liebsch M, Gerner I, Schmidt E, Genschow E, Traue D, Spielmann H (2005) The EpiDerm test protocol for the upcoming ECVAM validation study on in vitro skin irritation tests — An assessment of the performance of the optimised test. *ATLA* 33: 351-367
33. Kandarova H, Liebsch M, Spielmann H, Genschow E, Schmidt E, Traue D, Guest R, Whittingham A, Warren N, Garner AO, Remmeli M, Kaufmann T, Wittmer E, De Wever B (2005) Assessment of the human epidermis model skinethic RHE (TM) for in vitro skin corrosion testing according to OECD TG 431. *Naunyn Schmiedebergs Arch Pharmacol* 371: R124
34. Liebsch M, Botham P, Fentem J, Heylings J, Roguet R, Hartung T, Eskes C, Hoffmann S, Cole T, Worth A, Zuang V, Spielmann H (2005) The ECVAM validation study of three in vitro methods for acute skin irritation — Interim report of the validation management team. *Naunyn Schmiedebergs Arch Pharmacol* 371: R124
35. Liebsch M, Spielmann H, Pape W, Krul C, Deguercy A, Eskes C (2005) UV-induced effects. *ATLA* 33 Suppl 1: 131-146
36. Schlechter K, Buesen R, Slawik B, Spielmann H, Seiler A (2005) Replacement of fetal calf serum in the embryonic stem cell test. *Naunyn Schmiedebergs Arch Pharmacol* 371: R126
37. Schlede E, Genschow E, Spielmann H, Stropp G, Kayser D (2005) Oral acute toxic class method: A successful alternative to the oral LD50 test. *Regul Toxicol Pharmacol* 42: 15-23
38. Schreiber S, Mahmoud A, Vuia A, Rubbelke MK, Schmidt E, Schaller M, Kandarova H, Haberland A, Schafer UF, Bock U, Korting HC, Liebsch M, Schaefer-Korting M (2005) Reconstructed epidermis versus human and animal skin in skin absorption studies. *Toxicol In Vitro* 19: 813-822

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