

PUBLICATIELIJST**Publicaties in peer-reviewed journals (artikelen)**

- 1 **J.J.L. Jacobs**, E. Folkers & J. Vreeswijk. Detection of Varicella Zoster virus and herpes simplex virus by polymerase chain reaction with degenerate primers. *Chapter 4 in* Elzo Folkers, Diagnostic aspects of human alphaherpes virus infections in de dermato-venereology, Thesis, University of Amsterdam, 1999. **Journal of Virological Methods** 83 : 155–167 (1999).
- 2 **J.J.L. Jacobs**, C. Lehé, K.D.A. Cammans, P.K. Das & G.R. Elliott. Methyl green-pyronine staining of porcine organotypic skin explant cultures: an alternative model for screening for skin irritants. *Chapter 2B in* John J. L. Jacobs, Organotypic skin explant cultures to identify skin irritants and contact allergens, Thesis, University of Amsterdam, 2003. **ATLA** 28 : 279-92 (2000).
- 3 **J.J.L. Jacobs**, C. Lehé, K.D.A. Cammans, K. Yoneda, P.K. Das & G.R. Elliott. An automated method for quantification of immunostained human Langerhans cells. *Chapter 4 in* John J. L. Jacobs, Organotypic skin explant cultures to identify skin irritants and contact allergens, Thesis, University of Amsterdam, 2003. **Journal of Immunological Methods** 247 : 73–82 (2001).
- 4 **J.J.L. Jacobs**, C. Lehé, K.D.A. Cammans, P.K. Das & G.R. Elliott. An in vitro model for detecting skin irritants: methyl green-pyronine staining of human skin explant cultures. *Chapter 3 in* John J. L. Jacobs, Organotypic skin explant cultures to identify skin irritants and contact allergens, Thesis, University of Amsterdam, 2003. **Toxicology in Vitro** 16 : 581–588 (2002).
- 5 T.J.P. Spoormakers, W.R. Klein, **J.J.L. Jacobs**, Th.S.G.A.M. Van Den Ingh, J.W. Koten & W. Den Otter. Comparison of the efficacy of local treatment of Equine sarcoids with IL-2 or Cisplatin/IL-2. **Cancer Immunology and Immunotherapy** 52 : 179-184 (2003).
- 6 C.L.Lehé*, **J.J.L. Jacobs***, G.R.Elliott & P.K. Das. * *contributed equally*. A two centre evaluation of the human organotypic skin explant culture model for screening contact allergens. *Chapter 5 in* John J. L. Jacobs, Organotypic skin explant cultures to identify skin irritants and contact allergens, Thesis, University of Amsterdam, 2003. **ATLA** 31 : 553-561 (2003); correction 32 : 7 (2004).
- 7 G.W. Bos, **J.J.L. Jacobs**, J.W. Koten , S. Van Tomme , T. Veldhuis , C.F. van Nostrum , W. den Otter & W.E. Hennink. In situ crosslinked hydrogels loaded with interleukin-2 efficiently cure tumor-bearing mice. **European Journal of Pharmaceutical Sciences** 21: 561-567 (2004)
- 8 **J.J.L. Jacobs**, C.L.Lehé, K.D.A. Cammans, P.K. Das & G.R. Elliott. Assessment of contact allergens by dissociation of irritant and sensitizing properties. *Chapter 6A in* John J. L. Jacobs, Organotypic skin explant cultures to identify skin irritants and contact allergens, Thesis, University of Amsterdam, 2003. **Toxicology in Vitro** 18 : 681-90 (2004).
- 9 **J.J.L. Jacobs**, D. Sarendam & W. Den Otter. Local interleukin 2 therapy is most effective against cancer when injected intratumorally. **Cancer Immunology and Immunotherapy** 54 : 647-654 (2005).
- 10 R.J.E. Stewart, A. Masztalerz, **J.J.L. Jacobs** & W. Den Otter. Local Interleukin-2 and Interleukin-12 therapy of bovine ocular squamous cell carcinomas. **Veterinary Immunology and Immunopathology** 106 : 277-284 (2005).
- 11 **J.J.L. Jacobs**, G.J. Hordijk, J.M Schulz, C.H.J. Terhaard, J.W. Koten, J.J. Battermann & W. Den Otter. Treatment of stage III-IV nasopharyngeal carcinomas by external beam irradiation and local low doses of IL-2. **Cancer Immunology and Immunotherapy** 54 : 647-654 (2005).
- 12 Z. Krastev, V. Koltchakov, R. Tomova, S. Deredjian, A. Alexiev, D. Popov, B. Tomov, J.W. Koten, **J. Jacobs** & W. Den Otter. Locoregional IL-2 low dose applications for gastrointestinal tumours. **World Journal of Gastroenterology** 11 : 5525-5529 (2005).
- 13 R.J.E. Stewart, F.W.G. Hill, A. Masztalerz, **J.J.L. Jacobs**, J.W. Koten & W. Den Otter. Peritumoural low dose Interleukin-2 therapy of bovine ocular squamous cell carcinomas: an effective therapy. **Veterinary Record** 159 : 668-672 (2006).
- 14 C.M. de Jongh, M.M. Verberk, C.E.T. Withagen, **J.J.L. Jacobs**, T. Rustemeyer & S. Kezic. Stratum corneum cytokines and skin irritation response to sodium lauryl sulphate. **Contact Dermatitis** 54 : 325-33 (2006).
- 15 R. Tomova, J. Pomakov, **J.J.L. Jacobs**, D. Adjarov, S. Popova, I. Altankova, W. Den Otter, & Z. Krastev. Changes in cytokine profile during local IL-2 therapy in patients with different malignancies. **Anticancer Research** 26 : 2037-47 (2006).
- 16 C.L.Lehé*, **J.J.L. Jacobs***, C.M.Hua, P. Courtellemont, G.R.Elliott & P.K. Das. * *contributed equally*. Subtoxic concentrations of allergenic haptens induce LC migration and maturation in a human organotypic skin explant culture model: A novel method for identifying potential contact allergens. **Experimental Dermatology** 15 : 421–431 (2006).
- 17 **J.J.L. Jacobs***, C.L.Lehé*, H. Hasegawa, G.R. Elliott & P.K. Das. * *contributed equally*. Skin irritants and contact sensitizers induce Langerhans cell migration and maturation at irritant concentration. *Chapter 6B in*

- John J. L. Jacobs, Organotypic skin explant cultures to identify skin irritants and contact allergens, *Thesis*, University of Amsterdam, 2003. **Experimental Dermatology** 15 : 432–440 (2006).
- 18 S. Kezic, F. Calkoen, M.A.M. Wenker, **J.J.L. Jacobs** & Maarten M Verberk. Genetic polymorphism of metabolic enzymes modifies the risk of chronic solvent-induced encephalopathy. **Toxicology and Industrial Health** 22: 1-9 (2006).
- 19 C. Hiemstra, Z. Zhong, S.R. Van Tomme, M.J. van Steenberg, **J.J.L. Jacobs**, W. Den Otter, W.E. Hennink & J. Feijen. In vitro and in vivo protein delivery from in situ forming poly(ethylene glycol)–poly(lactide) hydrogels. **Journal of Controlled Release** 119 : 320-7 (2007).
- 20 R.J.E. Stewart, A. Masztalerz, J.J.L. Jacobs, J.W. Kolen, W. Den Otter. Local Interleukin-2 and Interleukin-12 Therapy of Bovine Vulval Papilloma Carcinoma Complex in Cattle. **Veterinary Immunology and Immunopathology** (*accepted for publication*)
- 21 Diverse artikelen gesubmit.

Niet-verder gepubliceerde hoofdstukken in proefschriften en boeken

- a. L.A. Everse, M.R. Bernsen, L.H. Esquivel-Ccala, **J.J.L. Jacobs**, H.F.J. Dullens & W. Den Otter. Effective cancer immunotherapy with immunization and low-dose IL-2 does not correlate with numerical changes in tumor-infiltrating leucocytes. Chapter 4 in Linda A. Everse, Preclinical indication in support of combined-modality treatment of cancer using radiotherapy and interleukin-2. Thesis, University Utrecht, 1998.
- b. E. Folkers, **J.J.L. Jacobs**, A.P. Oranje, F.J.W. ten Kate & J. Vreeswijk. Immune response to Varicella-zoster virus infection in vivo immunoglobulins, complement and cellular infiltrates. Chapter 5 in Elzo Folkers, Diagnostic aspects of human alphaherpes virus infections in de dermato-venereology, Thesis, University of Amsterdam, 1999.
- c. **J.J.L. Jacobs**, C. Lehé, K.D.A. Cammans, P.K. Das & G.R. Elliott. Screening of skin irritants by RNA detection as a viability marker in porcine organotypic skin explants. Chapter 2A in John J. L. Jacobs, Organotypic skin explant cultures to identify skin irritants and contact allergens, Thesis, University of Amsterdam, 2003. pp. 601-7 in **Progress in the Reduction, Refinement and Replacement of Animal Experimentation** (2000), Ed. by M. Balls, A.-M. van Zeller & M.E. Halder. Developments in Animal and Veterinary Sciences, volume 31. Elsevier Science B.V., Amsterdam, the Netherlands.
- d. E.V. Moiseeva, V.K. Bojenko, I.E. Sergeev, J.E. van Dijk, W. Den Otter & **J.J.L. Jacobs**. Host factors determine early or late visible manifestation of mammary carcinoma. Chapter 2 in Ekatarina Moiseeva, Original approaches to test anti-breast cancer drugs in a novel set of mouse models, Thesis, Utrecht, 2005.
- e. E.V. Moiseeva, V.K. Bojenko, **J.J.L. Jacobs** & W. Den Otter. Several haematological and serum biochemical parameters predict therapeutic effect of IL-2 against mouse mammary cancer. Chapter 4 in Ekatarina Moiseeva, Original approaches to test anti-breast cancer drugs in a novel set of mouse models, Thesis, Utrecht, 2005.
- f. E.V. Moiseeva, E.V. Svirshchewskaya, A.V. Chaadaeva, E.M. Rapoport, S.G. Semushina, I.V. Smirnova, W.G. Telford, **J.J.L. Jacobs** & W. Den Otter. Local interleukin-2 against breast cancer tested in spontaneous mouse models. Chapter 5 in Ekatarina Moiseeva, Original approaches to test anti-breast cancer drugs in a novel set of mouse models, Thesis, Utrecht, 2005.
- g. E.V. Moiseeva, A.V. Chaadaeva, S.G. Semushina, Yu.V. Demidova, J. Tan, **J.J.L. Jacobs**, J.E. van Dijk & W. Den Otter. Local interleukin-2 against breast cancer tested in spontaneous mouse models. Chapter 8 in Ekatarina Moiseeva, Original approaches to test anti-breast cancer drugs in a novel set of mouse models, Thesis, Utrecht, 2005.
- h. R.J.E. Stewart, J.W. Kolen, M. Hack, S. Hateboer, **J.J.L. Jacobs**, A. Masztalerz, W. Den Otter. Histopathological studies on the effect of Local IL-2 therapy in Bovine Ocular Squamous Cell Carcinoma and Bovine Vulval Papilloma and Carcinoma Complex: mechanism of tumour rejection. Chapter 5 in Rachel J. E. Stewart. Local IL-2 and IL-12 treatment of Bovine Ocular Squamous Cell Carcinoma (BOSCC) and Bovine Vulval Papilloma and Carcinoma Complex (BVPCC) in Cattle in Zimbabwe. Thesis, University Utrecht, 2007.

Presentaties

- 32 presentaties op (inter)nationale congressen, waaronder
 - Society of Toxicology, New Orleans, Louisiana, USA, 2005.
 - DC 2004, 8th International Symposium on Dendritic Cells. Brugge, Belgium. 2004.
 - Joint meeting of Dutch and German Society for immunology, Maastricht. 2004.
 - Joint meeting of Belgian and Dutch Societies for Immunology, Veldhoven. 2002.
 - Keystone Symposia meeting D4, Dendritic cells, Taos, New Mexico, USA, 2001.
 - European Research Group of Experimental Contact Dermatitis, Amsterdam, 2000.
 - Joint annual meeting of the German and Dutch societies of immunology. Düsseldorf, Germany, 2000.
 - XVIIIth European Academy of Allergology and Clinical Immunology, Brussels, Belgium, 1999
 - 1st meeting of the Experimental Contact Dermatitis Research Group, Cincinnati, Ohio, USA, 1999.
 - 3rd World Congress on Alternatives and Animal Use in the Life Sciences, Bologna, Italy, 1999.
- 3 maal uitgenodigd als spreker op congressen
 - IKMN sectie KNO, Utrecht, 2005.
 - NWP congress. Baarn, 12-XI-2005.
 - Biotechnische Vereniging i.s.m. het Nederlands Kanker Instituut. Amsterdam, 2002.

Overige publicaties

- **J.J.L. Jacobs.** Falsification of repression hypothesis. Electronic letter 4 to Harrison G Pope Jr, Recovered memories of childhood sexual abuse, **Br. Med. J.** 316:488 - 489. 1998.
- **J.J.L. Jacobs** (2003). Tumor immunologie: je afweer vecht tegen kanker. www.kennislink.nl , www.natuurinformatie.nl en **Mens en Wetenschap** 30 (7-8) 421-5, 2003.
- **J.J.L. Jacobs.** Veiligheid voor de huid zonder dierenleed .www.kennislink.nl 2003.
- **J.J.L. Jacobs.** Ontsnappende virussen. www.kennislink.nl 2003.
- **J.J.L. Jacobs.** Valse Herinneringen. **Skepter** 17 (3): 44. 2004.
- **J.J.L. Jacobs.** Met evolutie kun je slimmer eiwitten ontwerpen! www.kennislink.nl 2004.
- **J.J.L. Jacobs.** ID (4). **Bionieuws** 15 (11) 3. 2005.
- **J.J.L. Jacobs.** Evolutie is intelligent design. **Ellips** 30 (5) : 30. 2005.
- **J.J.L. Jacobs.** Domme constructies. **Skepter** 18 (3) : 45. 2005.
- **J.J.L. Jacobs, G.S. Gooris, J.A. Bouwstra, M. Ponec.** The development of skin lipid membrane devices based on synthetic skin lipid mixtures. Progress report of project: LGN.4654. Number 8. December 2005
- **J.J.L. Jacobs.** Ontslakken. **Skepter** 19 (1) : 45. 2006.

Publiciteit & prijzen

- Naar aanleiding van proefschrift:
 - J.J.L.Jacobs. Samenvatting Thesis. *Nieuwsbrief Nederlandse Vereniging voor Pathologie*, december 2003.
 - B. Rouwé. Varkensoren voor het konijn. *Folia* 57 (13) 28 november 2003: p.12-13.
 - A. van Zuilen. Veilig zonder dieren. *AMC magazine november 2003* 57 (13): p.17.
 - B. Rouwé. Varkensoren in plaats van konijnenrug. *Dagblad de Limburger*, 16 December 2003.
 - I. Eggink. Huidtesten voor veiligheid. *Telegraaf*, 27 December 2003.
 - Radio interview VPRO radio Noorderlicht. 25 November 2003 11.00-12.00.
 - Radio interview L1 radio. 12 December 2003 11.00-11.30.
 - European Journal of Pharmaceutical Science (EJPS) best paper award 2004 voor artikel 7.
- Naar aanleiding van artikel 11:
 - A. King. IL-2 with radiotherapy: an effective treatment for late-stage nasopharyngeal carcinoma. **Nature Clinical Practice Oncology** 2 (10): 486 (2005).
 - Nieuwe combinatietherapie vergroot overlevingskans neus-keelholtekanker. Persbericht Universiteit Utrecht, 2 November 2005.
 - I. Eggink. Tumor platgespoten. *Telegraaf*, 12 November 2005.
 - E. Houtsma. Kanker remedie blijft nog liefdewerk. *AD Utrechts Nieuwsblad*, 2 December 2005.