

SCIENTIFIC PUBLICATIONS

- 📄 **Vinken M., Vanhaecke T., Rogiers V.** (2010) The emerging roles of connexin hemichannels in gastrointestinal and liver pathophysiology.
World Journal of Gastrointestinal Pathophysiology 1 (4), 115-117.
- 📄 **Peters SJAC, Vanhaecke T., Papeleu P., Rogiers V., Haagsman HP, van Norren K.** (2010) Co-culture of primary rat hepatocytes with rat liver epithelial cells enhances interleukin-6-induced acute-phase protein response.
Cell Tissue Research 340 (3), 451-457.
- 📄 **Mannaerts I., Nuytten N., Rogiers V., Vanderkerken K., Van Grunsven L., Geerts A.** (2010) Chronic administration of valproic acid inhibits activation of Mouse hepatic stellate cells in vitro and in vivo.
Hepatology 51 (2), 603-614.
- 📄 **Vinken M., Decrock E., De Vuyst E., De Bock M., Vandenbroucke RE., De Geest BG., Demeester J., Sanders NN., Vanhaecke T., Leybaert L., Rogiers V.** (2010) Connexin32 hemichannels contribute to the apoptotic-to-necrotic transition during Fasmediated hepatocyte cell death.
Cellular and Molecular Life Sciences 67 (6), 907-918.
- 📄 **Pauwels M., Rogiers V.** (2010) Human health safety evaluation of cosmetics in the EU: A legally imposed challenge to science.
Toxicology and Applied Pharmacology 243 (2), 260-274.
- 📄 **Vinken M., Snykers S., Fraczek J., Decrock E., Leybaert L., Rogiers V., Vanhaecke T.** (2010) DNA methyltransferase 3a expression decreases during apoptosis in primary cultures of hepatocytes.
Toxicology in Vitro 24 (2), 445-451.
- 📄 **Ellis J.K., Chan P.H., Doktorova T., Athersuch T.J., Cavil R., Vanhaecke T., Rogiers V., Vinken M., Nicholson J.K., Ebbels T.M.D., Keun H.C.** (2010) The effect of the histone deacetylase inhibitor Trichostatin A on the metabolome of cultured primary hepatocytes.
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- 📄 **De Kock J., Vanhaecke T., Biernaskie J., Rogiers V., Snykers S.** (2009) Characterization and hepatic differentiation of skin-derived precursors from adult foreskin by sequential exposure to hepatogenic cytokines and growth factors reflecting liver development.
Toxicology in Vitro 23 (8), 1522-1527.
- 📄 **Vanhaecke T., Snykers S., Rogiers V., Garthoff B., Castell J.V., Hengstler J.G.** (2009) EU research activities in alternative testing strategies: current status and future perspectives.
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- 📄 **Fraczek J., van Grunsven L.A., Vinken M., Snykers S., Deleu S., Vanderkerken K., Vanhaecke T., Rogiers V.** (2009) Histone deacetylase inhibition and the regulation of cell growth with particular reference to liver pathobiology.
Journal of Cellular and Molecular Medicine 13 (9B), 2990-3005.
- 📄 **Snykers S., De Kock J., Rogiers V., Vanhaecke T.** (2009) In vitro differentiation of embryonic and adult stem cells into hepatocytes: state of the art.
Stem Cells 27 (3), 577-605.
- 📄 **De Vuyst E., Decrock E., DeBock M., Wang N., Vinken M., Van Moorhem M., Lai Ch., Culot M., Rogiers V., Cecchelli R., Naus C.C., Evans W.H., Leybaet L.** (2009) Ca²⁺ regulation of Cx43 hemichannel ATP release.
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- 📄 **Snykers S., Henkens T., De Rop E., Vinken M., Fraczek J., De Kock J., De Prins E., Geerts A., Rogiers V., Vanhaecke T.** (2009) Role of epigenetics in liver-specific gene transcription, hepatocyte differentiation, and stem cell reprogramming. *Journal of Hepatology* 51 (1), 187-211.
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- 📄 **Decrock E., Vinken M., De Vuyst E., Vanhaecke T., Rogiers V., Leybaert L.** (2009) Connexin-related signalling in cell death: live or let die? *Cell Death and Differentiation* 16, 524-536.
- 📄 **De Paepe K., Wibaux C., Ward C., Rogiers V.** (2009) Skin efficacy and Biophysical Assessment of Glycerol-Containing Hydrocolloid Patches. *Skin Pharmacology and Physiology* 22 (5), 258-265.
- 📄 **Vinken M., Doktorova T., Decrock E., Leybaert L., Vanhaecke T., Rogiers V.** (2009) Gap junctional intercellular communication as a target for liver toxicity and carcinogenicity. *Critical Reviews in Biochemistry and Molecular Biology* 44 (4), 201-222.
- 📄 **Marx-Stoelting P., Adriaens E., Ahr HJ., Bremer S., Garthoff B., Gelbke HP, Perisma A., Pellizzer C., Reuter U., Rogeirs V., Schenk B., Schwengberg S., Seiler A., Spielmann H., Steemans M., Stedman B., Vanparys P., Vericat JA., Verwei M., van de Water F., Weimer M., Schwarz M.** (2009) A review of the implementation of the embryonic Stem Cell Test (EST). *ATLA* 37 (3), 313-328.
- 📄 **Fraczek J., Deleu S., Lukaszuk A., Doktorova T., Tourwé D., Geerts A., Vanhaecke T., Vanderkerken K., Rogiers V.** (2009) Screening of amide analogues of Trichostatin A in cultures of primary rat hepatocytes: search for potent and safe HDAC inhibitors. *Investigational New Drugs* 27 (4), 338-346.
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- 📄 **Pauwels M., Dejaegher B., Vander Heyden Y., Rogiers V.** (2009) Critical analysis of the SCCNFP/SCCP safety assessment of cosmetic ingredients (2000-2006). *Food and Chemical Toxicology* 47 (4), 898-905.
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- 📄 **Vinken M., De Rop E., Decrock E., De Vuyst E., Leybaert L., Vanhaecke T., Rogiers V.** (2008) Epigenetic regulation of gap junctional intercellular communication: more than a way to keep cells quiet? *Biomechanica et Biophysica Acta - Reviews on Cancer* 1795 (1), 53-61.

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