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Regeneration of irradiated salivary glands by stem cell therapy

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Curriculum Vitae



*"So, ARE YOU LIKE AN ENGINEER OR SOMETHING?"
"YES, BUT I'M ALSO LIKE, A DOCTOR."*

Isabelle M.A. LOMBAERT, MSc., Ir., Dr.

7th of December 1979
Ghent, Belgium

EDUCATION

- 1997-2002 Bioscience Engineering, specialized in Cell and Gene Biotechnology, University of Ghent, Ghent, Belgium
- 2002-2003 Manager of *in vitro* culture for young plants “Floréac”, Belgium
- 2003-2008 PhD student at the UMCG (University Medical Center Groningen), Groningen, The Netherlands
Regeneration of irradiated salivary glands by stem cell therapy
The work was supervised by Prof. Gerald de Haan (Stem Cell Biology), Prof. Harm H. Kampinga (Radiation & Stress Cell Biology), and Dr. Rob P. Coppes (Radiation & Stress Cell Biology and Dept. of Radiation Oncology)

PUBLICATIONS

- Lombaert I.M.A.**, Wierenga P.K., Kok T., Kampinga H.H., de Haan G., Coppes R.P. Mobilization of Bone Marrow Stem cells by Granulocyte Colony-Stimulating Factor Ameliorates Radiation-Induced Damage to Salivary Glands, ***Clin Cancer Res*** (2006) 12[6] 1804-1812
- Lombaert I.M.A.**, Brunsting, J.B.F., Wierenga P.K., Kampinga H.H., de Haan G., Coppes R.P. Cytokine Treatment Improves Parenchymal and Vascular Damage of Salivary Glands after Irradiation, *Submitted*
- Lombaert I.M.A.**, Brunsting, J.B.F., Wierenga P.K., Faber H., Kok T., Stockman, M., Kampinga H.H., de Haan G., Coppes R.P. Rescue of Salivary Gland Function after Stem Cell Transplantation in Irradiated Glands, *Submitted*
- Lombaert I.M.A.**, Brunsting, J.B.F., Wierenga P.K., Kampinga H.H., de Haan G., Coppes R.P. The Adult Mouse Submandibular Gland Stem/Progenitor Cell – its Localization and Fate after Post-irradiation Transplantation
- Lombaert I.M.A.**, Brunsting, J.B.F., Wierenga P.K., Kampinga H.H., de Haan G., Coppes R.P. Palifermin Prevents Radiation Damage to Salivary Glands by Expansion of the Stem/Progenitor Pool, *Submitted*

AWARDS AND HONOURS

- Winner of 3th price for “Best presented poster” presented on GUIDE Early Summer Meeting, GRONINGEN, THE NETHERLANDS 2004
- Winner of an NVRB (Dutch Society for RadioBiology) “Travel Award” UTRECHT, THE NETHERLANDS 2005
- Winner of an ESRB (European Society for Radiation Biology) and ARR (Association for Radiation Research) “Young Investigator Award” , LEICESTER, ENGLAND 2005
- Winner of a Keystone Congress Stem Cells “Travel Award” , WHISTLER, CANADA 2006
- Winner of an ISSCR (International Society of Stem Cell Research) “Travel Award”, CAIRNS, AUSTRALIA 2007
- Winner of the “Young Investigator Award” at the ISSCR (International Society of Stem Cell Research), CAIRNS, AUSTRALIA 2007
- Winner of an “VMTI Award” for best innovating article (Society of Medical and Dental Interaction), UTRECHT, THE NETHERLANDS 2007

EXTERNAL LAB VISITS

- King’s College, University of London, Dental Institute, Saliva Research Unit, London, ENGLAND
- Laboratoire d’Hématopoïèse, Faculté de Médecine, Tours, FRANCE

POST-DOC POSITION

- Dr. Matthew P. Hoffman; NIDCR (National Institute of Dental and Craniofacial Research), NIH (National Institute of Health), Bethesda, MD, USA.



SCIENCE IS LIKE A DRUG; FOR ONCE, I DON'T MIND BEING ADDICTED.

