

CURRICULUM VITÆ – Vincent GEENEN

ADDRESS

Business

University of Liege GIGA Institute
GIGA-I³ Center of Neuroimmunoendocrinology
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Home

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B-4000 Liege
Belgium

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BIRTH

Verviers, Belgium
6th February 1958

CITIZENSHIP

Belgian

CIVIL STATUS

Three sons (Jerome 1983, Pierre-François 1987, Roman 2013)
Married: Anne Soubeyran (born in Paris on 24th November 1968)

LANGUAGES

French, English, and Dutch (not fluently)

EDUCATION

- 1975 High-school in Saint-Servais College, Liege
- 1982 M.D., *Summa cum laude*
University of Liege, Faculty of Medicine
- 1987 Ph.D., *Summa cum laude*
University of Liege, Faculty of Medicine
Thesis: « *Oxytocin: from Neurohormone to Cybernin* » (29.01.1987)
- 1996 Professorial thesis, *Unanimously*
University of Liege
Thesis: « *Cryptocrine Signaling in the Thymus Network and the Central Self-Tolerance of Neuroendocrine Principles* »
Professorial lecture: « *Type 1 Diabetes* » (28.05.1996)

CERTIFICATES HELD

1989	Internal Medicine
1995	Endocrinology, Diabetology & Metabolism Belgian Board of Endocrinology
2001	Endocrinology, Diabetology & Metabolism European Board of Endocrinology of the UEMS (Union européenne des médecins spécialistes)

CURRENT POSITION

1995 to date	<i>Clinical Head in Endocrinology</i> , Liege University Hospital
2001 to date	<i>Research Director</i> at National Fund of Scientific Research (NFSR, Belgium)
2001 to date	<i>Professor</i> , University of Liege, Faculty of Sciences <i>Introduction to Embryology</i>
2007 to date	Faculty of Medicine, Master in Biomedical Sciences <i>History of Biomedical Research</i>
2001 to 2004	<i>Director and Chairman</i> of the Liege Center of Immunology (CIL)
2005 to 2012	<i>Chairman</i> of the Liege Center of Immunology (CIL)
2012 to date	<i>Director</i> of GIGA-I ³ Center of Neuroimmunoendocrinology

AWARDS & DISTINCTIONS

1975	Laureate of the Eloquence Tournament of Saint-Servais College <u>Subject</u> : « <i>There are so many hours that have not shined!</i> »
1984	<i>Belgian State Competition of Travel Grants</i> (92%)
1985	<i>Masius Prize</i> of Liege Medico-Surgical Society
1988	<i>Semper Prize</i> of National Fund of Scientific Research
1992	<i>SmithKline Beecham Research Prize</i> of the Royal Academy of Medicine (Belgium)
1993	<i>Alumni Prize</i> of the Belgium University Foundation - Biological sciences
1996 to date	Selected biography for <i>Who's Who in the World</i> , <i>Who's Who in Medicine and Health Care</i> , <i>Who'Who in Science and Engineering</i>
1996	Prize of the <i>Foundation D. and M. Jaumain</i> (University of Liege)
1997	<i>Chairman of 3rd Gordon Conference on Neuroendocrine-Immunology</i> (Ventura, CA)

1997	Member of the Executive Committee <i>International Society for NeuroImmunoModulation (ISNIM)</i>
2001-2006	Editorial Board - <i>Journal of Endocrinology</i>
2001	Prize of the <i>Fondation A. Rahier</i> for diabetes research
2003	Associate Editor of <i>NeuroImmunoModulation</i> .
2003	Review Editor of <i>International Diabetes Monitor</i> .
2003	Member of the Editorial Board – <i>Drug Design Reviews – Online</i> .
2007	Member of the Scientific Council of <i>Erasmus Fund</i> for Medical Research (ULB).
2010	Member of the <i>Commission ‘Sciences of Life and Health – 4’</i> Fund of Scientific Research (Brussels)
2013	Elected member of the <i>Royal Academy of Medicine</i> (Belgium).
2014	<i>Literary Prize Alexandre de Belgique</i> pour “Voyage[s] à travers le thymus”.
2015-2017	President-Elect of the <i>International Society for NeuroImmunoModulation (ISNIM)</i> .
2016-2018	President of the Jury “Immunobiology” at the <i>Fund of Research in Industry and Agronomy</i> (FRIA, Belgium)
2018 and 2019	Chairman of the Commission “Immunology and infectious diseases” for the <i>INSERM-CNRS ATP Avenir Program</i> .

RESEARCH GRANTS

1987-1989	<i>NFSR Research grant</i> (150.000 BEF)
2001-2007	<i>Association Française contre les Myopathies</i> (100.000 FF)
1990-1995	Convention with <i>Belgian Fund of Scientific Medical Research (FRSM)</i> 1 technician + 950.000 BEF/yr
1991	Grant <i>Televie-FRSM</i> (1.000.000 BEF)
1995-1997	<i>Juvenile Diabetes Foundation International</i> Innovative Research Grant (45.000 US \$/yr)
1996-1998	<i>Belgian Association of Diabetes</i> (Fund S. & J. Pirart) : 2 x 500.000 BEF
2000-2002	Research Convention with <i>Belgian Federation against Cancer</i> (180.000 €)
2001 to date	<i>Foundation Vaugrenier for Tolerance Research</i> (Geneva) - 45.000 €
2001	Research convention with <i>Belgian FRSM</i> « Quantification of human thymopoiesis »
2002	Research Grant from <i>Belgian NFSR</i> Evaluation of immune responses driven by MHC presentation of Insulin and IGF-2.
2004	Coordinator of the <i>FP6 Integrated Project EURO-THYMAIDE</i> selected by the European Commission for European Framework Programme 6 (contract LSHB-CT-2003-503410)
2004	Research Convention with <i>Belgian FRSM</i> – 3.4508.04

Investigation of the control exerted by thymic central self-tolerance against the development of β -cell specific autoimmunity : a way for the design of a new type of vaccine against type 1 diabetes (25.000 €/year for 4 years).

2005	Research Convention with <i>DGTRE/Walloon Region « Senegene »</i> - Réseaux 2 829.000 € for 4 years
2006	Research Convention with <i>DGTRE/Walloon Region « Tolediab »</i> - Waleo 2 900.000 € for 5 years
2008	Research Convention with <i>DGTRE/Walloon Region « ThymUP »</i> - First Spin-off 300.000 € for 2 years
2013-2017	<i>ARC Brussels-Wallonia Federation “Somasthym”</i> .
2013-2017	Research Convention with <i>DGTRE/Wallonia Germaine Tillion “Caregiver”</i> .
2019-2022	Research Convention THYDIA with <i>SPW Research of Wallonia</i> (500.000€).

SCIENTIFIC & PROFESSIONAL SOCIETIES

1984 to date	Belgian Society of Internal Medicine
1984 to date	Belgian Society of Endocrinology
1986 to date	European Neuroendocrine Association
1987 to date	International Society of Neuroendocrinology Now: International Federation of Neuroendocrinology
1987 to date	New York Academy of Sciences
1988 to date	Endocrine Society
1989 to date	Société des Neurosciences (France)
1990 to date	Charter Member of the International Society of Neuroimmunomodulation (ISNIM)
1990-1994	Secretary of the European Science Foundation Steering Committee for the Network 'Neuroimmunomodulation'
1991 to date	Société Française d'Immunologie (sponsored by J-F. Bach and J. Salmon)
1991 to date	American Association for the Advancement of Science
1993 to date	Société de Neuroendocrinologie Member of the Scientific Council: 1994-1997 and 2001-now
1994 to date	Professional Member of the Juvenile Diabetes Foundation Intl.
1995 to date	Molecular Medicine Society
1996 to date	European Association for the Study of Diabetes
1997 to date	American Association of Diabetes
1997 to date	European Brain Immune Network
1997 to date	Euroscience
2000 to date	American Association of Immunologists (sponsored by Max D. Cooper, Birmingham, AL)
2000 to date	The Growth Hormone Research Society (GRS)
2000-2010	Immunology of Diabetes Society

2002 – 2004	Executive Board of the Belgian Society of Reproductive Medicine
2010 to date	Executive Board of the Belgian Thyroid Club
2013 to date	American Chemical Society (by special invitation)

RESEARCH TRAINING

1990 - 1998	Henri MARTENS , B.Sc. in Biochemistry (Univ. of Liege) <u>PhD thesis</u> : « <i>The dual role of thymic oxytocin in T-cell differentiation</i> ».
1991 - 1995	Françoise ROBERT , INSERM CR2, outside mission « <i>Characterization of the thymic neuroendocrine microenvironment</i> ».
1993 - 1994	Eric VANDERSMISSEN (University of Liege) <u>BSc thesis</u> : « <i>Study of the association between MHC class I proteins and a dominant epitope of the neurohypophysial family</i> ».
1992 - 1997	Imane ACHOUR , B.Sc. in Biology (Univ. of Rabat, Morocco) <u>PhD thesis</u> : « <i>Insulin-like growth factors in human and BB rat thymus</i> ».
1995 - 1999	Denis FRANCHIMONT , M.D. (University of Liege) <u>PhD thesis</u> : « <i>Interaction between corticosenstivity and cytokine secretion profile in gut inflammatory diseases</i> ».
1994 - 2000	Ouafae KECHA , B.Sc. in Biology (Univ. of Rabat, Morocco) <u>PhD thesis</u> : « <i>Thymic axis of insulin-like growth factors: role in T cell differentiation and characterization in BB rat</i> ».
1997 - 2003	Fabienne BRILOT , B.Sc. in Biology (University of Liege) <u>PhD thesis</u> : « <i>Demonstration and immunological effects of thymus infection by diabetogenic coxsackievirus B4</i> ».
2001 to date	Isabelle HANSENNE , B. Sc. In Biology (University of Liege) <u>PhD thesis</u> : « <i>Characterization of immune parameters and dendritic cell differentiation in Igf2^{-/-} mice</i> ».
2000 – 2004	Sophie PERRIER d'Hauterive , M.D. (University of Liege) <u>PhD thesis</u> : « <i>The role of the dialogue between blastocyst and epithelial endometrium in embryonic implantation</i> ».
2001	Gregory RASIER , B.Sc. in Biology (University of Liege) <u>BSc Thesis</u> : « <i>Expression of neurohypophysial receptors in T cell differentiation and T cell leukemia/lymphoma</i> ».
2002	Marielle PUIT , student in Biology (University of Liege) <u>BSc thesis</u> : « <i>Characterization of the IL-10/IL-10R signaling in the normal and pregnant mouse uterus</i> ».
2002	Emilie CASTERMANS , B.Sc. in Biomedical Sc. (University of Liege) <u>BSc thesis</u> : « <i>Quantification of human thymopoiesis</i> »
2003	Céline LOUIS , student in Biomedical Sciences (University of Liege) <u>BSc thesis</u> : « <i>Cytokine responses following presentation of Insulin and IGF-2 derived antigens</i> ».
2005 to date	Gabriel MORRHAYE , B.Sc. in Biochemistry <u>PhD thesis</u> : « <i>Aging of thymus function and T-cell response</i> ».
2006	Marie TSAMPALAS , B.Sc. in Biology (University of Liege)

- BSc thesis: « *Expression and quantification of endometrial LHR during oestral cycle in mouse* ».
PhD thesis: « *Implantation of embryo in the mouse* ».
- 2006-2011 **Hamid KERMANI**, MD (Shahid Beheshti University, Teheran, Iran)
PhD thesis: « *Impact of the somatotrope GH/IGF-1 axis upon thymus function : In vitro and clinical studies* »
- 2007 **Elise DUMORTIER**, B.Sc. in Biology (University of Liege)
BSc thesis: « *Analysis of the intrathymic development of natural regulatory T cells* ».
- 2007 **Christophe NOBIS**, B.Sc. In Biology (University of Liege)
BSc thesis: « *Characterization of IGFbps in the thymus of Balb/c mouse* ».
- 2007 **Stephanie CORBIER**, B.Sc. in Biology (University of Liege)
BSc thesis: « *Expression and quantification of LH/hCGR in maternal endometrial epithelium during menstrual cycle* ».
- 2008 **Céline GERARD**, M.Sc. in Biomedical sciences (University of Liege)
M.Sc. thesis: « *Preliminary characterisation of a transgenic mouse with Igf2 deletion targeted in thymic épithélium* ».
- 2009 **Lindsay GOFFINET**, M.Sc.
Thesis: « *Cellular and molecular aspects of the thymotropic effects of the GH/IGF-1 axis* ».
- 2010 **Marilène BINSFELD**, M.Sc. in Biomedical Sciences (University of Liege)
M.Sc. thesis: « *Développement d'une nouvelle stratégie pour la découverte d'antagonistes du récepteur CXCR4* ».
 Copromoter with Dr Sabrina DEROO, CRP-Santé, Luxemburg
- 2010 **Laurence LEMAIRE**, M.Sc. in Biomedical Sciences (University of Liege)
MSc thesis: « *Characterisation of inducible iPS cell lines and induction of an Oct4 reporter gene* ».
 Copromoter with Dr Keisuke KAJI, University of Edimburg (Erasmus)
- 2011 **Alisson BECKERS**, M.Sc. in Biomedical Sciences (University of Liege)
MSc thesis: « *Phenotypic characterization of a transgenic mouse with Igf2 deletion targeted in thymic epithelium* ».
- 2011-2018 **Gwennaëlle BODART**, M.Sc. in Biomedical Sciences (University of Liege)
PhD thesis: « *Reassessment of the impact of the GHRH/GH/IGF-1 somatotrope axis on developmental and functional immunology* ».
- 2012-2017 **Barbara POLESE**, M.Sc. in Biomedical Sciences (University of Liege)
PhD thesis: « *Importance of IL-17a producing and regulatory T cells in pregnancy* ».
- 2013-2018 **Hélène MICHAUX**, M.Sc in Biomedical Sciences (Paris)
PhD thesis: « *Molecular mechanisms underlying the inhibition of Igf2 expression in the murine thymus epithelium infected by Cocksackievirus B4* ».
- 2013-2018 **Khalil FARHAT**, M.Sc. in Microbiology (University of Beyrouth, Lebanon)
PhD thesis: « *Severe deficiency in vaccine and immune responses of Ghrh^{-/-} mice against Streptococcus pneumoniae* »

OTHER SCIENTIFIC ACTIVITIES

- 2001-2008 Referee for Fogarty Research Grant (NIH) attributed to **Anders ERICSSON** (Karolinska Institutet, Stockholm)
- 1995 Referee for **Alan G. ROBINSON** application to a position as 6th-level Professor and Vice-Provost at UCLA Medical School
- 1996 Cochair for **Christophe MALCUS** PhD thesis (Immunology & Neuroimmunology, Univ. Cl. Bernard Lyon I, France)
- 1996 **Michel MOUTSCHEN** MD, PhD thesis (Liege Faculty of Medicine)
- 1996 Evaluation of research proposals to the Vlaams Instituut voor de Bevordering (VIB)
- 1997 Chair for **Dominique DI SCALA** Superior PhD thesis (University Louis Pasteur, Strasbourg, France)
- 1997 Evaluation of research proposal to Wellcome Trust (UK)
- 1997-2000 Evaluation of research proposals to US Department of Agriculture, Cooperative State Research, Education and Extension Service - Program 'Enhancing Reproductive Efficiency' Proposals # 9702276, 9902277, 0002401
- 1998 Evaluation of a research project for the **Foundation Israel-USA**
- 1998 Chair for **Marie-Pierre ARPIN-BOTT** MD, PhD thesis (University Louis Pasteur, Strasbourg, France)
- 1999 Chair for **Philippe TOURAINE** MD PhD thesis (Faculty of Medicine Necker, Paris, France)
- 2000 **Michel MOUTSCHEN** MD, PhD, Professoral Thesis (Liege Faculty of Medicine)
- 2000 Evaluation of **Constantin POLYCHRONAKOS** research project to Canadian Diabetes Association
- 2000 Expert referee for **Wassim CHEHADEH** PhD thesis (University of Lille II, Lille, France)
- 2000 Evaluation of candidatures to nomination as Associate Professor with tenure position (Pittsburgh Faculty of Medicine, USA)
- 2000 Scientific Expert for **European Union 5th Framework Program**
- 2001 **Kathleen HOSTENS**, PhD thesis (Free University of Brussels)
- 2001 **Myriam VERLAET**, PhD thesis (Liege Faculty of Sciences)
- 2001 **Souad RAHMOUNI** PhD thesis (Liege Faculty of Medicine)
- 2001 **Zeynep DOGUSAN**, PhD thesis (Free University of Brussels)
- 2001 Evaluation of a research project for a cooperation INSERM/ Fund of Scientific Research of Quebec (# 2329)
« *Chemokines and experimental autoimmune encephalitis* »

- 2002 **Rosita WINKLER** PhD, Professorial Thesis (Liege Faculty of Medicine)
- 2002 Referee for a research projet to R&D Department of Free University of Brussels – « *Actions of IGF-I in the immune system* ».
- 2003 Referee for a research project in the program AVENIR - INSERM
Dr. **Sophie CAILLAT-ZUCMAN**
- 2003 Referee for **Brigitte DECALLONNE** PhD Thesis (Katholieke Universiteit Leuven)
« *Dysregulation of T lymphocyte apoptosis in the non-obese diabetic mouse, a model for human type 1 diabetes* ».
- 2003 Promotion of Pr **George P. CHROUSOS** as Doctor Honoris causa of Liege University
- 2003 Expert referee for **Ghazal BANISADR** PhD Thesis (Univ. Paris XI) :
« *Constitutive expression of chemokines and receptors in the central nervous system* », April 2003
- 2004 Evaluation of research projects at **Fonds Erasme**.
- 2004 Evaluation of INSERM Interface Research Program proposed by
Pr **Henri-Jean GARCHON**
- 2005 **Katelijn DECOCHEZ**, PhD thesis (Free University of Brussels)
- 2005 **Dr. Shibeshih BELACHEW**, Professorial thesis (University of Liege)
- 2005 Evaluation of **Pr Ron KOUIJMAN**'s research activities (Free University of Brussels)
- 2005 Evaluation for the restructuration of INSERM Unit 25
Pr Jean-François BACH - Hôpital Necker, Paris, France
- 2005 Promotion of **Jean-Pierre KINET** as Doctor Honoris causa of Liege University
- 2006 Expert for the *Programme National de Recherche en Reproduction et Endocrinologie* (PNREE) – INSERM
- 2006 Expert for *Association for International Cancer Research* (AICR) - UK
- 2006 **Dr. Laurence de LEVAL**, Professorial thesis (University of Liege)
- 2006 **Natacha GRAND**, PhD thesis,
Institut de Pharmacologie Moléculaire et Cellulaire (IPMC), Sophia Antipolis
- 2007 **Dr. Marie-Christine LEBRETHON**, Professorial thesis (University of Liege)
Dr. Frédéric BARON, Professorial thesis (University of Liege)
Evaluation of proposals submitted to **Wetenschappelijk Fonds Willy Gepts** (VUB)
- 2007 – 2012 Member of the Scientific Committee of **ERASMUS Fund** (ULB)
- 2007 **Inge TRUYEN**, PhD thesis in Medical Sciences (VUB)
- 2007 **Vinod SOMMANDAS**, PhD thesis in Immunology
(Erasmus Medical Center, Department of Immunology, Rotterdam, NL)
- 2008 Evalueateur de projets de recherche pour l'Agence Nationale de la Recherche (ANR) INSERM (France): « *Du gène à la physiopathologie, des maladies rares aux maladies communes* ».

- 2008 Membre du Jury FWO pour le *Prix InBev-Baillet Latour voor Klinisch Onderzoek*.
- 2008 **Cédric DETRY**, PhD thesis in Biomedical Sciences (ULg), Chairman of the Jury.
- 2009 Referee for **Third World Academy of Sciences (TWAS)**
- 2009 Review of the MSc Thesis by **Hayfaa A.A. ABDULKAREEM** (University of Kuwait) *Antiviral activity of MxA protein against different types of human enteroviruses*
- 2009 Expert for the Research Evaluation « **MEDICINE I** » R&D Department, VUB
- 2009 Expert for research grant application to the **Medical Research Council (MRC, UK)** : « *Measuring thymic output in children* » by Pr Robin E. Callard, Immunobiology at the University College London (UCL).
- 2009 Reviewer and member of the jury for evaluating the thesis « *Chemokines and neuromodulation* » proposed by **Dr Stepan MELIK PARSADANIANTZ** for the diploma ‘Habilitation à Diriger les Recherches’ – Université Pierre et Marie Curie (Paris 6), Secteur Médecine.
- 2009 Reviewer of PhD thesis **Samy SAKKAL**, Monash University Victoria, Australia
- 2010 Review of **Dr Eric JENKINSON**’s application to **Medical Research Council (UK)** “GENERATION OF INTRATHYMIC MICROENVIRONMENTS TO ESTABLISH T-CELL TOLERANCE »
- 2011 Report of **Dr Fabienne BRILOT**’s application to Level C (Senior Lecturer) at the University of Sydney Medical School.
- 2011 Review of Pr Julian Dyson’s proposal to the **Biotechnology and Biological Sciences Research Council (BBSRC, UK)** “Investigation of genetically linked thymic and metabolic phenotypes – A multidisciplinary approach”.
- 2011 Review of Pr Vallo Talmann’s proposal to **Estonian Science Foundation (ETS)**: “The role of insulin-like growth factors in intrauterine and postnatal growth, and in the development of β -cell autoimmunity in children with HLA-conferred susceptibility to type 1 diabetes.”
- 2013 Recommendation of **Pr Didier HOBBER** for the **Institut Universitaire de France (IUF)**.
- 2013 Review of the **Project OPALE** proposed for funding by Agence Nationale de la Recherche (ANR, France): “*Oral tolerance induction for the prevention of allergic disease in early life*”.
- 2013 Member of the Jury for evaluating the PhD thesis « *Contribution of screening for HLA class I alleles to prediction of type 1 diabetes in risk groups* » proposed by **Eric MBUNWE** – VUB
- 2014 Member of the Jury « *Immune disorders with cutaneous manifestations : exploration of genetic and immunological bases* » **Dina DANSO-ABEAM** – KUL, Laboratory of Genetics of Autoimmunity.
- 2014 Member of the Jury « *Impact of clinical factors on inflammaging and Toll-like receptors in old age* » **Nathalie COMPTE** – ULB, Institute of Medical Immunology (IMI)
- 2014 Member of the Jury and Expert Referee « *Peripheral regulatory T cells that recirculate in the thymus inhibit the development of their precursors* » **Nicolas THIAULT** – University of Toulouse III-Paul Sabatier, Immunology

- 2015 President of the Jury « *Etude de la reconstitution immunitaire après greffe de cellules souches hématopoïétiques : focus sur la fonction thymique et les lymphocytes T régulateurs* » **Muriel HANNON** – University of Liege
- 2015 President of the Jury « *Regulation of pro-angiogenic and pro-inflammatory cytokines during epithelial-to- mesenchymal transitions associated to the metastatic progression of breast and lung tumor cells* » **Meggy SUAREZ-CARMONA** – University of Liege
- 2015 Promoter of **Bruno KYEWSKI** (DKFZ Heidelberg) for the *Foundation Princess Lilian Foundation Professorship 2014-2015*.
Inaugural lecture at the University of Liege (26.03.2015): « The immunological *homunculus* or how do we learn to tolerate ourselves ».
- 2015 Member of the Jury « *Antigen-specific suppression of autoimmunity in type 1 diabetes in the NOD mouse model* » **Elin Malek ABRAHIMIANS** – Katholieke Universiteit Leuven
- 2015 Member of the International Scientific Advisory Board for the FP7 EXALT Project :
« Proposal to assess an innovative immunotherapy, based on administration of peptides encompassing class-II restricted T cell epitopes containing an oxido-reductase activity, in a Phase I Trial for Type 1-Diabetes (T1D) ».
- 2015 Expert’s evaluation of the project « *The role of gonadotropin-releasing hormone receptor pathways in B lymphocyte function* » submitted to the **National Science Center of Poland**.
- 2015 Expert for the **German Federal Ministry for Education and Research**.
Evaluation of the project “ *Oxytocin for treatment of Prader-Willi Syndrome*”,
Proposed in E-Rare Joint Transnational call for proposals 2015 ‘Transnational Research Projects on Rare Diseases’.
- 2015 Expert for **Arthritis Research UK** « *Determining the molecular mechanisms underlying IL-10 expression in human CD4+ T-cells following TNF blockade* ».
- 2015 President of the Jury for the PhD thesis « *L’implantation embryonnaire : étude des récepteurs endométriaux à l’HCG/LH blastocyttaire et intérêt de la mesure du G-CSF folliculaire* ».
Virginie GRIDELET – University of Liege
- 2016 President of the Jury for the PhD thesis « *Contribution to the study of immune characteristics in multiple myeloma* ».
Marilène BINSFELD – University of Liege
- 2016 Expert for the evaluation of the project « *Fine-tuning of T-lymphocyte differentiation by peripheral regulatory T cells recirculating back to the thymus* » proposed for funding by the Fondation Pour la Recherche Médicale (Paris, France) by **Joost P.M. Van MEERWIJK** (Inserm U1043/CNRS UMR 5282, University of Toulouse III).
- 2016 President of the Jury for the PhD thesis « *In vitro leptin production by osteoarthritic synovial fibroblasts and chondrocytes: role of GILZ* » by **Olivier MALAISE**, MD
University of Liege
- 2016 President of the Jury of the PhD Thesis “*Perturbation neuroendocrinienne de la maturation sexuelle après exposition postnatale précoce au Diéthylstilbestrol ou au Bisphénol A*”
by **Delphine FRANSSSEN**, M.Sc.
- 2017 Member of the Jury for the PhD Thesis “*Prevention of xenogeneic GVHD in NSG mice infused with human PBMC: assessment of Treg promoting therapies*”
by **Grégory EHX**, M.Sc.

2019

Member of the Jury for the PhD Thesis "*Rôle du microenvironnement sur la maturation et la fonction des cellules T CD4+ FOXP3+ régulatrices et sur leur generation in vitro*"
by **Mylène BRANCHTEIN**, M.Sc. – Free University of Brussels (ULB)

SCIENTIFIC REVIEWS

Manuscripts submitted for publication to:

- Science (2)
- Nature (1)
- Nature Immunology (1)
- Nature Biotechnology (1)
- Nature Reviews Endocrinology (2)
- Nature Reviews Immunology (1)
- Journal of Clinical Endocrinology and Metabolism (4)
- Endocrinology (3)
- Scientific Reports (2)
- Diabetes
- Molecular Endocrinology (2)
- Diabetes Care
- Clinical Endocrinology
- Neuroendocrinology (8)
- Frontiers in Neuroendocrinology (5)
- Clinical and Experimental Immunology (3)
- American Journal of Reproductive Immunology
- Diabetologia (9)
- Diabetes (4)
- Journal of Neuroendocrinology (5)
- NeuroImmunoModulation (10)
- Vaccine (2)
- American Journal of Physiology (4)
- Journal of Immunology (3)
- European Journal of Immunology (1)
- Frontiers in Immunology (6)
- Mechanisms of Ageing and Development
- Immunology
- Journal of Endocrinology (10)
- Human Reproduction (4)
- Molecular Human Reproduction (1)
- Growth Hormone and IGF Research (2)
- Biochemical Pharmacology (5)
- Immunological Investigations
- The Journal of Physiology (1)
- Immunology and Cell Biology (1)
- Endocrine (7)
- Proteomics-Clinical Applications
- Age
- Immunobiology
- Pharmacological Reports
- Cell Adhesion and Migration
- Physiology and Behaviour

TEACHING

- *Introduction to embryology* (Bac2 in Biology, Faculty of Sciences, ULg).
- *Antigen presentation and T cell responses* (Belgian Interuniversity Course in Immuno-Hematology).
- *New approaches in the pathogenesis and prevention of type 1 diabetes* (Belgian Interuniversity Course in Endocrinology).
- *Autoimmune thyroiditis* (Belgian Interuniversity Course in Endocrinology).
- *History of Biomedical Research* (Bac2 in Biomedical sciences, Faculty of Medicine, ULg).
- Coordination du cours de *Bioéthique* (Master1 in Biology, Faculty of Sciences, ULg).

CLINICAL ACTIVITIES

- Clinical Head in the Division of Endocrinology (5 halve days) at Liege University Hospital.
- Competence: General Endocrinology, Diabetology and Metabolism.
- Principal Investigator (PI) at CHU Liège-Sart Tilman of clinical studies on a novel non-peptide antagonist of vasopressin V2 receptor (Sanofi-Aventis).
- PI at the University Hospital of Liege for the study of a novel formulation of levothyroxine.

OTHER SERVICES

- | | |
|--------------|---|
| 1997 to date | <i>Secretary and Member of the Administrative Board of the Fonds Leon Fredericq for biomedical research</i> (Liege Faculty of Medicine and University Hospital) |
| 2010 to date | Substitute member of the <i>Consultative Committee of Bioethics of Belgium</i> . |
| 2015 to date | Member of the <i>Committee of Ethics and Integrity in Science (CEIS)</i> of the University of Liege. |

SCIENTIFIC CONGRESSES

Organisation

- | | |
|-----------|--|
| 1986 | <i>First International Symposium of Neuroendocrine-Immunology</i>
University of Liege |
| 1989 | Coorganizer of the <i>European Conference Ph. LAUDAT/Inserm</i>
« The Neuroendocrine-Immune Network: Molecular Aspects »
Strasbourg |
| 1989 | Coorganizer of the 2 nd <i>Ares-Serono Symposium</i>
« <i>Endocrinology under 35</i> », Siena (Italy) |
| 1990-1992 | Workshops of the <i>Neuroimmunomodulation ESF Network</i>
a) Neuroimmune factors in cell growth and plasticity - Madrid
b) Common peptide signals, receptors and transduction in
neuroendocrine and immune systems - Edinburgh (UK)
c) Cytokines in pain and fever - Arcachon (France) |
| 1992 | <i>Satellite Symposium of 9th International Congress of Endocrinology</i>
« The Neurohypophysial Peptide Systems » - Spa (Belgium) |
| 1993 | Coorganizer of 11 th <i>Germinal Center Conference</i> - Spa (Belgium) |
| 1993 | Session of 1 st <i>International Forum of Young European Researchers</i>
« Molecular mechanisms of central immune self-tolerance », University of Liege |

- 1995 *Annual Meeting of the Belgian Immunological Society*
« Interactions between the immune, endocrine and nervous systems » - ULg
- 1997 **Chairman of 3rd Gordon Conference on Neuroendocrine-Immunology**
(Ventura, CA)
- 1998 Coorganizer of the *European Conference Ph. LAUDAT/Inserm*
« Cytokines in the feto-maternal relationship » - Aix-les-Bains
- 1998 Member of the International Advisory Board for the
3rd *World Congress on Neurohypophysial Hormones* - Edinburgh (UK)
- 1999 Member of the Scientific Committee for the
4th *Congress of the International Society of NeuroImmunoModulation* - Locarno
- 2001 30th *Colloque of the Société de Neuroendocrinologie* - Spa (Belgium)
- 2002 Member of the Scientific Committee of the 5th *Congress of the International Society of NeuroImmunoModulation* - Montpellier (France)
- 2004 Member of the Scientific Committee of the 6th *Congress of the International Society of NeuroImmunoModulation* – Athens (Greece)
- 2004 Member of the International Scientific Committee for the 2006
12th *Congress of the European Neuroendocrine Association (ENEA)* – Athens, Greece.
- 2005 Member of the Scientific Committee of the Sero Symposium Intl.
« *Endometrium and embryo implantation* », Paris – 16 December 2005.
- 2007 Member of the International Scientific Committee of the *VII ISNIM Congress*,
Rio de Janeiro, Brazil.
- 2013 *Annual Meeting of the Belgian Immunological Society (BIS)*
“New Insights into Thymus Physiology” CHU de Liège, 8 November 2013.
- 2014 9th *Congress of the International Society of Neuroimmunomodulation* Liege,
25-27 September 2014
- 2016 10th *Congress of the International Society of NeuroImmunoModulation*,
Roma, May 2017

Session chair

- 1985 Congress of the *European Neuroendocrine Association (ENEA)* - Milano
Sessions: « Peripheral Neuroendocrinology » and
« Fetal and Perinatal Neuroendocrinology »
- 1990 1st Congress of the *Intl. Society of NeuroImmunoModulation (ISNIM)* - Florence
Session: « The Neuroendocrine Thymus »
- 1990 2nd *Ares-Serono Symposium « Endocrinology under 35 »* - Siena
Session: « Immune-endocrine Factors in Cell Growth and Differentiation »
- 1991 *Molecular Biology of Vasopressin and Oxytocin* - Utrecht
Session: « Gene Mutations ».
- 1993 11th *Germinal Center Conference* - Spa (Belgium)
Session: « Positive and negative selection of T cells ».

- 1994 *3rd International Congress of Neuroendocrinology* - Budapest
Symposium: « Immuno-Neuroendocrinology »
- 1995 *29th Annual Meeting of the European Society for Clinical Investigation* - Cambridge (UK)
Session: « Interactions between the Endocrine and Immune Systems »
- 1995 *1st World Congress of Neurohypophysial Hormones* - Japan
Session: « Vasopressin and the Central Nervous System »
- 1999 *4th Congress of ISNIM* - Locarno (Switzerland)
Session: « Neuroendocrine Control of Thymus Physiology »
- 2000 ***ENDO 2000 - Annual Meeting of the Endocrine Society***
Session: « Hormones and the Immune System » – Toronto
- 2005 *Serono Symposium Intl. « Endometrium and embryo implantation »* -
Session: « Embryo implantation », Paris – 16 December 2005
- 2006 *12th Meeting of the European Neuroendocrine Association*
Session: « Immuno-Neuroendocrinology », Athens – 21-24 October 2006
- 2007 *9th European Congress of Endocrinology*, Budapest, April 2007
Session: « Immune-Endocrine Turmoil of Pregnancy »

Invited lectures

1. La fonction neuroendocrine du thymus.
Séminaire du Département d'Immunologie et d'Hématologie,
Hôpital Universitaire Erasme, June 1986.
2. Système nerveux, hormones et immunité.
Colloque INSERM: « Modèles intégrés de communication cellulaire: physiologie et pathologie », La Londe-les-Maures, October 1986.
3. The neuroendocrine thymo-lymphoid axis.
28^{ste} Federative Vergadering van Medisch Wetenschappelijke Verenigingen in Nederland, Nijmegen, April 1987.
4. Neuroanatomie chimique du thymus et des organes lymphoïdes.
Séminaire du Laboratoire d'Anatomie Pathologique et du Laboratoire de Neuropathologie et de Recherches sur les Peptides du Système Nerveux,
Hôpital Universitaire Erasme, June 1987.
5. Neuroendocrine microenvironments in the immune system.
European Training Programme Winter School: « Brain, Behaviour and the Immune System », Zuoz (Suisse), January 1988.
6. Intervention of neuroendocrine microenvironments in T-cell differentiation.
UCLA Symposium on Molecular and Cellular Biology, Lake Tahoe, March 1988.
7. Synthesis of classical neuropeptides in the thymus.
European Winter Conference on Brain Research, Tignes, March 1988.
8. Neuroendocrine aspects of the thymus.
First Ares-Serono Symposium « Endocrinology under 35 »,
Florence, May 1988.
9. Neuroendocrinology of the thymus.
35^{èmes} Journées Internationales d'Endocrinologie H-P.Klotz,
Paris, May 1988.
10. Thymic oxytocin and vasopressin: A role in T-cell ontogeny?
European Society of Neurochemistry, Göteborg, June 1988.
11. Vasopressin and oxytocin: thymic signals and receptors in T-cell differentiation.
8th International Congress of Endocrinology,
Satellite Symposium on Posterior Pituitary Hormones, Kyoto-Hakone, July 1988.
12. Les interactions neuroendocrino-immunitaires: aspects fondamentaux et implications cliniques.
8ème Congrès de la Société Française d'Endocrinologie, Bruxelles, October 1988.
Plenary Lecture
13. A role for neuropeptides in T-cell ontogeny ?
The Thymus: Histophysiology and Dynamics in the Immune System,
Kerkrade, The Netherlands, April 1989.
14. Neuroendocrinology of the thymus.
International Symposium of Psychoneuroimmunology,
Maastricht, April 1989.
15. Expression of tachykinins and peptide growth factors in the thymus:
Another example of neuroendocrine-immune interactions in T-cell ontogeny.
Karolinska Institutet, Stockholm, May 1989.

16. Synthèse de neuropeptides dans le thymus de différentes espèces.
Hôpital Necker, Unité INSERM 25, Paris, May 1989.
17. Thymic neuropeptides and their putative role in T-cell ontogeny.
Conférence Européenne Philippe Laudat-INSERM, Strasbourg, 1989.
18. Communication signals between the immune and central nervous systems.
33rd Winter Conference on Brain Research, Snowmass, Colorado, 1990.
19. Presentation of neurohypophysial-related peptides in the human thymus: the questions remaining.
University of Pittsburgh Medical School, Scaife Hall, February 1990.
20. The neuroendocrine-immune dialogue in T-cell differentiation.
2nd International Congress of Neuroendocrinology, Bordeaux, June 1990.
21. Neuropeptides and the thymus.
2nd European Congress of Endocrinology, Ljubljana, July 1990.
22. Self neurohypophysial-related peptides as cryptocrine signals within the thymus.
Workshop on the Molecular Biology of Vasopressin and Oxytocin, Utrecht, 1991.
23. The immune recognition of hypothalamic magnocellular functions.
University of Virginia Medical School, Department of Medicine, July 1991.
24. Thymic cryptocrine signalling and immune tolerance of self neuroendocrine functions.
Conférence Européenne Philippe Laudat-INSERM, Strasbourg, October 1991.
25. Thymic cryptocrine signalling: Implications for T cell positive selection and or the immune tolerance of « self » neuroendocrine functions.
Roussel Symposium on Ageing, Rome, October 1991.
26. The role of thymic cryptocrine signals in developmental immunology and in neuroimmunomodulation.
Second Course of the Federation of the European Pharmacological Societies: « Neuroimmunomodulation in Pharmacology », Paris, Institut Pasteur, February 1992.
27. The thymic model of cryptocrine cell-to-cell signalling in developmental immunology.
1st Gordon Conference on Neuroendocrine-Immunology, March 1992.
28. Aspects moléculaires de la communication cellulaire cryptocrine.
Ecole Interactions Chimie-Biologie 92 (INSERM-CNRS-INRA)
Communications cellulaires: signalisation chimique dans les systèmes nerveux, endocrine et immunitaire, La Londe-les-Maures, June 1992.
29. The dual role of thymic neurohypophysial-related peptides in T cell selection: Physiopathological and Pharmacological Implications.
Conference of the New York Academy of Sciences: « The Neurohypophysis: a Window on Brain Function », New Hampshire, 1992.
30. The immune recognition of self neuroendocrine functions.
Universitaire Instelling Antwerpen-Neurofarmacologie, November 1992.
31. Propriétés immunomodulatrices d'antagonistes de l'ocytocine.
Club Français de Neuroimmunomodulation, Institut Pasteur-Paris, December 1992.
32. The role of the thymus in the education of T cells in neuroendocrine principles.

- 8th General Meeting of the Belgian Hematological Society, February 1993.
33. The immune recognition and central tolerance of self neuroendocrine functions.
Universität Marburg (Germany), May 1993.
 34. La reconnaissance des fonctions neuroendocrines par les cellules T au cours de leur différenciation.
Association des Physiologistes, Bordeaux, September 1993.
 35. The education of developing T cells in self neuroendocrine principles.
Frontiers in Paediatric Neuroendocrinology, Royal Society of Medicine, London, 1993.
 36. Cryptocrine signaling in the thymus network: implications for central T-cell tolerance of neuroendocrine functions.
Major Lecture of the 2nd International Congress of Neuroimmunomodulation, Naples, September 1993.
 37. The central immune tolerance to neuroendocrine functions :
Pathophysiological and pharmacological implications.
Italian Association for Immunopharmacology, Messina, November 1993.
 38. Le répertoire thymique des antigènes du soi neuroendocrine:
Implications physiologiques, dans l'autoimmunité pathologique et en pharmacologie.
Institut du Cancer Gustave Roussy-Villejuif, March 1994.
 39. Antigen-specific Therapies in the Prevention of Type 1 Diabetes Mellitus.
Colloquium organized under the auspices of the Juvenile Diabetes Foundation, San Francisco, March 1994.
 40. Cryptocrine signalling and presentation of neuroendocrine self-peptides in thymic epithelium: Pharmacological implications.
Satellite Symposium of the 5th International Congress of Immunopharmacology, Annecy, May 1994.
 41. Cellular and molecular evidence for an evolutionary continuum of neuroendocrine-immune interactions.
2nd Gordon Conference on Neuroendocrine-Immunology, June 1994.
 42. The thymic repertoire of neuroendocrine-related self-peptides in T-cell life and death.
3rd International Congress of Neuroendocrinology, Budapest, July 1994.
 43. Cryptocrine signaling and neuroendocrine self-antigen presentation in the thymus:
Pharmacological implications.
XIIIth International Congress of Pharmacology, Montreal, July 1994.
 44. The immunological self of neuroendocrine protein families: Physiological implications.
4th International Congress of Neuroimmunology, Amsterdam, October 1994.
 45. L'éducation thymique des lymphocytes T au principes du soi neuroendocrine.
Hôpital Saint-Antoine, Séminaire d'Immunologie et d'Hématologie, 1995.
 46. Thymic education of T cells to neuroendocrine self-peptides: Implications in autoimmune endocrine diseases.
29th Annual Meeting of the European Society for Clinical Investigation, Cambridge (UK), April 1995
 47. Thymic T-cell education to neuroendocrine self-antigens: Implications in endocrine autoimmune disorders.
2nd Meeting of the European Ligand Assay Society, Bruxelles, 26-28 April 1995.
 48. L'éducation intrathymique des cellules T aux principes du soi neuroendocrine.
Réunion de printemps de la Société française d'Immunologie, Bordeaux, 1995.
 49. Intrathymic presentation of oxytocin as the self-antigen of the neurohypophysial peptide family.
Oxytocin: Cellular and Molecular Approaches in Medicine and Research, Hanseatic Endocrine Conference, Stade (Germany), May 1995.

50. Developmental and evolutionary aspects of thymic T-cell education to neuroendocrine « self ». *9th Symposium on Molecular Biology of Hematopoiesis*, Genova, June 1995.
51. Cellular and molecular aspects of thymic T-cell education to neurohypophysial principles. *First World Joint Congress on Neurohypophysis and Vasopressin*, Tochigi, Jichi Medical School, July 1994.
52. The dual role of thymic neuroendocrine-related self-antigens in T-cell selection: Pathological implications. *Polish Society of Endocrinology: "Neuroendocrine-Immune Interactions"*, Warsaw, September 1995.
53. The continuum of cytokine involvement in the reproductive process. *15th World Congress on Fertility and Sterility*, Montpellier, September 1995.
54. Relationship between T-cell education to neuroendocrine self-antigens and cytokine secretion by thymic epithelial cells. *First meeting of the Brain Immune Network Group*, London, November 1995.
55. Cellular and molecular aspects of thymic epithelial T-cell education to neuroendocrine self-antigens. *Réunion de la Belgian Immunological Society, CHU de Liège*, November 1995.
56. Infection, inflammation et implantation embryonnaire. *Symposium: "Implantation embryonnaire: Aspects fondamentaux et pratiques"*, SERONO-ARCEFAR, Paris, June 1996.
57. Thymic self-peptides of neuroendocrine families: Implications in tolerogenic vaccination. *Symposium of the European Society of Clinical Neuropharmacology*, Rome, 1996.
58. The role of thymic neuroendocrine self-antigens in T-cell life and death: Implications in autoimmunity. *3rd Congress of the International Society of Neuroimmunomodulation*, National Institutes of Health (NIH), Bethesda, Maryland, November 1996.
59. De la communication endocrine à la communication cryptocrine dans les relations cerveau-immunité. *3^{ème} Colloque de la Société des Neurosciences*, Bordeaux, May 1997.
60. Facteurs intervenant dans la régulation des cytokines et des métalloprotéases de l'épithélium endométrial humain. Hôpital A. Béclère, Service de Gynécologie & Obstétrique, Clamart (France), Juin 1997.
61. Developmental role of thymic neuroendocrine-related self-peptide genes. *5^{ème} réunion annuelle de la Society for Molecular Biology & Evolution*, Garmisch-Partenkirchen, Germany, June 1997.
62. Thymic neuroendocrine-related self antigens. *First Meeting of the European Brain-Immune Network*, Milano, January 1998.
63. L'éducation thymique des cellules T aux principes du soi neuroendocrine: avantages sélectifs et implications pharmacologiques. Université René Descartes Paris V, April 1998.
64. Evidence for a dialogue between endometrium and embryological signals in the processes of implantation and tolerance of the fetal allograft. *European Society of Human Reproduction and Embryology Campus Symposium* University of Tel-Aviv, September 1998.
65. Paracrine control of cytokine secretion by human endometrial epithelium. *Conférence européenne Philippe Laudat/INSERM*, September 1998.
66. Tolérance immunitaire intrathymique et endocrinopathies autoimmunes. Université de Lille, Faculté de Médecine, December 1998.

67. The immunological self of neuroendocrine families: Implications in self-tolerance and autoimmunity. *Brain-Immune Network Group*, University of Bristol, November 1999.
68. Central self-tolerance by thymic presentation of self-antigens and autoimmunity. *14th European Histocompatibility Conference*, Montpellier, April 2000.
69. Le rôle du thymus dans la physiopathologie du diabète auto-immun de Type 1. Lecture invitée à l'*Académie Royale de Médecine de Belgique*, May 2000.
70. Thymus, tolérance et auto-immunité dans le diabète de Type 1. *Symposium international en l'honneur du Pr. Pierre Lefèbvre, Recherche en diabétologie: rayonnement européen de l'Ecole de Liège*, CHU de Liège, October 2000.
71. Relations entre thymus et diabète de Type 1 : discussion critique. VUB Diabetes Center, March 2001.
72. The role of the thymus in self-tolerance of neuroendocrine principles and in the pathophysiology of autoimmunity. *5th Congress of the Society of Neuroimmunology*, Edinburgh, September 2001.
73. Thymus, self-tolerance and autoimmunity toward the neuroendocrine system. *Université de Montreal, Hôpital Sainte-Justine & McGill University, Montreal Children's Hospital*, November 2001.
74. Répercussions immunologiques du vieillissement hormonal. *VIIe Congrès International Francophone de Gérontologie*, Bruxelles, 25 septembre 2002.
75. Thymic pathways to the central T-cell self tolerance of neuroendocrine principles: Implications for a tolerogenic approach of autoimmunity. EUROCONFERENCE, Spain, October 2002.
75. The role of the thymus in the development of organ-specific autoimmunity: A way to novel vaccines? *2nd Congress of Recent Advances in Prenatal Diagnosis and Neonatology*, Ankara, 2003.
76. Thymic IGF-2 and central self-tolerance of the insulin family: A valuable basis for the development of a tolerogenic vaccine against type 1 diabetes. *Gordon Research Conference on IGFs in Physiology and Pathology*, March 2003.
77. Dysfonction du thymus et développement de la réponse auto-immune: une voie pour un nouveau type de vaccin? Institut de Pharmacologie Moléculaire et Cellulaire, Nice-Sophia Antipolis, Mai 2003.
78. Centre d'Immunologie Marseille-Luminy (CIML), Juillet 2003.
79. Thymus tolerance dysfunction in the development of the autoimmune diabetogenic response: A way for a novel type of vaccine/immunotherapy. *18th International Diabetes Federation Congress*, Paris, Août 2003.
80. L'implantation: premier dialogue entre la mère et l'embryon. *Symposium: Implantation Today*, Versailles, Septembre 2003.
81. Expression of neuroendocrine self in the thymus: A way for a novel type of vaccine/immunotherapy. ENEA 2004, Naples, Avril 2004.
82. Defective setting of central self-tolerance in the thymus as a crucial event in the development of organ-specific autoimmune diseases. *7th International Society of Neuroimmunology (ISNI) Meeting – Venice*, September 2004

83. The expression of neuroendocrine self in the thymus: Implications for tolerance and autoimmunity towards the neuroendocrine system.
3rd International Workshop « Highlights in Basic and Clinical Neuroendocrinology », Athens, 4 December 2004
84. Evaluation de la réceptivité endométriale – XXIVe Journées d'Aquitaine
Jubilé « Trente ans d'infertilité » - Bordeaux, septembre 2005.
85. Thymus self-antigens for tolerance restoration in type 1 diabetes.
6th Congress of the International Society of NeuroImmunoModulation, Athens, September 2005.
86. Novel perspectives in the pathogenesis of Type 1 diabetes. *Diabetes India – Jaipur, India, November 2005.*
87. Le rôle des virus dans la pathogénèse du diabète de type 1. *CHU Tivoli, La Louvière, 5 December 2006*
88. La voie du thymus et de la tolérance centrale au soi dans le développement d'une self-vaccination négative contre le diabète de type 1
Institut de Pharmacologie Cellulaire et Moléculaire, Nice-Sophia Antipolis, December 2006.
89. The central role of thymus-dependent tolerance to islet β cells: a way for the development of a negative self-vaccine against Type 1 diabetes.
Department of Immunology, Rotterdam University Erasmus Medical Center, February 2007.
90. The essential role of the thymus for a pacific co-evolution of the immune and neuroendocrine systems.
VII ISNIM Congress, Rio de Janeiro, Brazil, April 2008.
91. Les cibles hormonales de la réponse auto-immune.
Journées Klotz d'Endocrinologie, Paris, Mai 2008.
92. Les glucocorticoïdes, de puissants immunomodulateurs naturels.
Academy of Immunology for Clinicians (AIC Belgium), UCL et ULg
93. Integrity of the somatotrope GH/IGF-1 axis is required for normal thymus function :
A clinical study in patients with adult GH deficiency
2009 Annual Meeting of the Endocrine Society, Washington June 2009, Selected oral presentation.
94. La tolérance immunitaire: implications en transplantation et en auto-immunité.
Colloque du Fonds Léon Fredericq, CHU de Liège, 25 juin 2009.
95. Développement d'une vaccination tolérogène contre le diabète de type 1: approches et protocols en cours.
5e Rencontres du REseau national d'Investigation Clinique en Vaccinologie (REIVAC), Paris, 27 mai 2011.
96. Emergence of the thymus in the integrated evolution of the neuroendocrine, innate and adaptive immune responses.
Thymus and T-cell Biology in Health and Disease, Rio de Janeiro, 18 août 2011.
97. The presentation of neuroendocrine self in the thymus: a necessity for an integrated évolution of the adaptive immune response and the neuroendocrine system.
8th Congress of the International Society of NeuroImmunoModulation (ISNIM), Dresde, 22 octobre 2011.
98. The central role of central tolerance to neuroendocrine functions: What about the thyroid?
29e Réunion du Belgian Thyroid Club, Bruxelles, novembre 2011.
99. The presentation of neuroendocrine self in the thymus: a sheer necessity for a peaceful coevolution of the neuroendocrine and adaptive immune systems.
Conference at the Gladstone Institutes, University of California at San Francisco, June 2013.

100. The central role of thymus insulin-related genes in programming self-tolerance to islet β cells.
Insulin Club, Berlin, November 2013.
101. Programming of central self-tolerance to neuroendocrine principles in the thymus and its defect in the development of neuroendocrine autoimmunity.
International Congress on Autoimmunity, Nice, March 2014.
102. The central role of the thymus in the programming of immunological tolerance to neuroendocrine self: Implications for the pathogenesis of autoimmune diseases - *International Symposium « Interactions of the nervous and immune systems in health and disease »*, Saint-Petersburg, Russia, June 2015.
103. Travel[s] through the ‘brain’ of the adaptive immune system.
Congrès de la *Société de Neuroendocrinologie*, Corte, septembre 2016.
104. The somatotrope axis and infections.
10th Congress of the International Society for NeuroImmunoModulation (ISNIM), Roma, May 2016.
105. The presentation of neuroendocrine self in the thymus: a crucial event for individual health and vertebrate survival – *22nd International Symposium on Regulatory Peptides*, Mexico, September 2018.
106. The presentation of neuroendocrine self in the thymus: a crucial event of life – *International Symposium “Interactions of the nervous and immune systems in health and disease”*, Saint-Petersburg, Russia, May 2019.

Conferences for lay-people

1. *Les cellules de l'espoir: faits scientifiques et aspects bioéthiques*
Association Pauline et Adrien, Paris, 16 novembre 2006
2. *Les cellules souches de l'espoir – Faits scientifiques et discernement bioéthique*
Science & Culture asbl, Liège, 22 novembre 2006
3. *Les cellules souches de l'espoir ?*
Journée scientifique de la Société Libre d'Emulation, Liège, novembre 2007
4. *Le point sur les cellules souches en 2008: discernement bioéthique, faits scientifiques, vrais et faux espoirs.*
Science & Culture asbl, Liège, 16 octobre 2008
5. *Le langage des cellules dans l'édification, la défense et l'évolution de l'Homme.*
Paroisse Saint-Hubert, Liège-Sart Tilman, 23 octobre 2008
6. Contribution to *Smatch [3]*, Le Corridor, 2014-2015
7. *La Tortue de Zenon II – Sciences and living performances* La Bellone (Brussels), 22.09.2014.
8. *Voyage(s) à travers le thymus, le cerveau du système de nos défenses immunitaires*
Liège Basse-Meuse, mars 2016.
9. *Les écoles liégeoises de médecine et de physiologie aux 19e et 20e siècles.*
Cycle Histoire de Liège, 27 avril 2017.
10. *L'Homme peut-il devenir immortel ?*
Espace ULg-Verviers, 8 mai 2017.
11. *L'implantation et la tolérance maternelle de l'embryon.*
Université du 3e Âge à Liège, 30 mai 2017.
12. *Le transhumanisme : progress, utopie ou religion ?*
ULiège, château de Colonster, 7 novembre 2019 – Invitation par le service de Psychiatrie du CHU de Liège.

LIST OF PUBLICATIONS

Books

1. **Oxytocin: from Neurohormone to Cybernin**
PhD thesis, University of Liege, 1987
2. **The Neuroendocrine-Immune Network: Molecular Aspects**
European Conference Philippe Laudat-INSERM
R. Dantzer, M. Dardenne, F. Haour, C. Heijnen, V. Geenen & C. Kordon (Eds.)
INSERM-John Libbey, 1990
3. **Horizons in Endocrinology (II)**
M. Maggi & V. Geenen (Eds.)
Raven Press-New York, 1991.
4. **The Neurohypophysial Peptide Systems**
Proceedings of the Satellite Symposium of the 9th International Congress of
Endocrinology
J-J. Legros & V. Geenen (Eds.)
Regulatory Peptides (Special Issue 1-2 of Vol. 45), Elsevier-Amsterdam, 1993.
5. **In Vivo Immunology: Regulatory Processes during Lymphopoiesis and Immunopoiesis**
E. Heinen, M.P. Defresne, J. Boniver & V. Geenen (Eds.)
Plenum Press-New York, 1994.
6. **Cryptocrine Signaling in the Thymus Network and the Central Self-Tolerance
of Neuroendocrine Principles**
Professorial Thesis, University of Liege, 1996
7. **Immunoendocrinology in Health and Disease**
V. Geenen & George P. Chrousos (Eds.)
Marcel Dekker-New York, 2004 (ISBN 0-8247-5060-8)
8. **Immunomodulation**
V. Geenen
Current Opinion in Pharmacology (Issue 4, Volume 10), Elsevier-New York, 2010.
9. **Type 1 Diabetes Immunological Tolerance and Immunotherapy**
A.A. Chentoufi, V. Geenen, N. Giannoukakis & A. Amrani
Special Issue of *Clinical and Developmental Immunology*, 2011.
10. **NeuroImmunoModulation in Health and Disease.**
V. Geenen
Annals of New York Academy of Sciences, 1351, pp. 1-154, 2015
11. **Voyage[s] à travers le thymus**
V. Geenen
Literary Prize Prince Alexandre de Belgique 2014
Presses Universitaires de Liege, 2016, ISBN 978-2-87652-101-6

Book chapters - Monographies

1. P. Franchimont, M.J. Lecomte-Yerna, V. Geenen & J.J. Legros
Parahormones or cybernins?
In: *Monoclonal Antibodies and New Trends in Immunoassays*,
Ch. Bizollon (Ed.), Elsevier-Amsterdam, pp.1-11, 1984.
2. M. Ansseau, R. von Frenckell, G. Franck, M. Timsit-Berthier, V. Geenen & J.J. Legros.
Blunted growth hormone responses to clonidine and apomorphine challenges in
endogenous depression.
In: *Biological Psychiatry 1985*, C. Shagass et al. (Eds.), Elsevier, pp.793-795, 1986.
3. M. Timsit-Berthier, H. Mantanus, P. Marrissiaux, M. Ansseau, A. Doumont, V. Geenen & J.J. Legros.
CNV and dopamine receptor reactivity: correlations with the apomorphine test.
In: *Cerebral Psychophysiology: Studies in Event-related Potentials*,
EEG (suppl.38), W.C. McCallum et al. (Eds.), pp.403-405, 1986.
4. J.J. Legros, V. Geenen & P. Franchimont
Influence of oestrogens on oxytocinergic function in the human: implications in ageing.
In: *Neuroendocrinology of Reproduction*, R. Rolland et al (Eds),
Elsevier-Amsterdam, pp.257-270, 1987.
5. V. Geenen, F. Robert, M. Fatemi, M.P. Defresne, J. Boniver, J.J. Legros & P. Franchimont
Vasopressin and oxytocin: thymic signals and receptors in T-cell ontogeny.
In: *Recent Progress in Posterior Pituitary Hormones 1988*,
S. Yoshida & L. Share (Eds.), Elsevier-New York, pp.303-310, 1988.
6. V. Geenen
Neuroendocrine aspects of the thymus.
In: *Horizons in Endocrinology Vol. I*, M. Maggi & C.A. Johnston (Eds.),
Raven Press-New York, pp. 191-197, 1988.
7. J.J. Legros & V. Geenen
Neuroendocrine control of the immune response.
In: *Stress, Immunity and Disease*, L.J. Whalley & M.L. Page (Eds.),
Duphar Laboratories Ltd., Southampton, pp. 1-9, 1989.
8. V. Geenen, J.J. Legros & P. Franchimont.
Les interactions neuroendocrino-immunitaires.
In: *Traité d'Immunologie Animale*, P.P. Pastoret, A. Govaerts & H. Bazin (Eds.)
Flammarion, Médecine-Sciences, pp.123-129, 1990.
9. V. Geenen, F. Robert, H. Martens, M. Fatemi, M.P. Defresne, J. Boniver, J.J. Legros & P. Franchimont.
Cellular and molecular aspects of the neuroendocrine-immune dialogue in T-cell differentiation.
In: *Neuroendocrine Perspectives, Vol. 8*, R.M. MacLeod & E.E. Müller (Eds.),
Elsevier-New York, pp. 77-92, 1990.
10. V. Geenen, F. Robert, H. Martens, A. Benhida, G. De Giovanni, M.P. Defresne,
J. Boniver, J.J. Legros, J. Martial & P. Franchimont.
Neuroendocrinology of the thymus.
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