

Curriculum Vitae
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Agnès NOEL (PhD)

Laboratory of Biology of Tumor and Development (LBTD)
GIGA-Cancer

(https://www.gigalbtd.uliege.be/cms/c_4256809/en/gigalbtd)

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Current position

Full Professor of Molecular and Cellular Biology, Faculty of Medicine, University of Liège

Director of the GIGA-Cancer Institute, University of Liège (2012-) (140 researchers).

Director of the Laboratory of Biology of Tumor and Development (LBTD) (50 researchers) at the GIGA-Cancer Institute, University of Liège.

Education

1980-1982:	Graduate in Biological Sciences	University of Liège, Belgium
1982-1984:	Master in Zoological Sciences	University of Liège, Belgium
1985-1991:	PhD Thesis in Sciences	University of Liège, Belgium
1992-1997:	Thesis for the Aggregation of Higher Education	University of Liège, Belgium
	Certificate in laboratory animal science (FELASA Cat. C)	University of Liège, Belgium

Stays abroad

1992:	Department of Biochemistry, Professor K. Tryggvason (University of Oulu, Finland)
1993-1995:	Institute de Génétique et de Biologie Moléculaire et Cellulaire (IGBMC): Professeur P. Chambon (France). Post-doctoral fellowship from Marie Curie Grant.
1995:	Strangeways Laboratory, Professor G. Murphy (Cambridge, U.K.)
1997:	Invited Professor, University of Reims Champagne-Ardenne (France)

Positions and Employment

1985-1990:	Research fellow, Departments of Experimental Dermatology, University of Liège
1990-1993:	Assistant for research and teaching, Department of Biology, University of Liège
1993-1995:	Post-doctoral fellow (Marie-Curie grant), University of Strasbourg, France
1995-1998:	Qualified Researchers, National Fund for Scientific Research
1999-2003:	Associate Professor, University of Liège
2003-2006:	Professor of Molecular and Cellular Biology, « Chargé de cours », University of Liège
2006-2010:	Professor of Molecular and Cellular Biology, University of Liège
2010-	Full Professor of Molecular and Cellular Biology, University of Liège (“Professeur Ordinaire”)
2012-	Head of GIGA-Cancer, University of Liège
2020-	Head of the Department of Biomedical and Preclinical Sciences, University of Liège

Other current academic activities

- Permanent Member of the Royal Academy of Medicine of Belgium (2009-)
- President of the Council of Research and Valorization in Health Sciences at the University of Liège (2018-)
- President of “Ecole Doctorale Thématique en Cancérologie Expérimentale” (Doctoral Thematic School in experimental cancerology)

Other Experience and Professional Memberships

1999-2010:	Member of the Committee of the International Henny C. Dirven Prize.
2002-2010:	Member of the Scientific Research Council of the University of Liège, Faculty of Medicine.
2002-2010:	Foreign Expert of the “Fondation de France” (Paris)
2003-	Member of the Scientific Commission of the F.R.I.A. Belgium
2001-2011:	Member of the Belgian Society for Cell and Developmental Biology “BSCDB”

2005-2009:	President of the Belgian Society for Cell and Developmental Biology “BSCDB”
2010-2011	Treasurer of the Belgian Society for Cell and Developmental Biology “BSCDB”
2006-	President of the Thematic Graduate School in Experimental Cancerology (F.N.R.S.).
2009-	Member of the Royal Academy of Medicine of Belgium
2013 -	Expert for « AERES » France, agency for Research and Higher Education evaluation. Expertise of the Research Unity of Professor André PELEGRIN at the “Institut de Recherche en Cancérologie de Montpellier, IRCM, INSERM U896-Université de Montpellier I-Institut Régional du Cancer (ICM), dossier « Vague E : campagne d’évaluation 2013-2014 », du 2 au 5 décembre 2013.
2013-	Elected European Member of the IPS « International Proteolysis Society » Board.
2014:	Expert for the European Commission (Horizon 2020)
2015-	Member of the Board of Governance of IOC (Integrated Oncology Center) as a representing member of the GIGA
2016-	Evaluator at the meeting or the “SAB-Scientific Advisory Board” of the C3M teams at the Mediterranean Center for Molecular Medicine C3M/INSERM1065
2015-	Member of the « Comité Consultatif Cancer de la Fondation Roi Baudouin » (Belgium)
2016-	President of the Management Committee of the “Fonds Simon Bauvin de la Fondation Roi Baudouin” (Belgium)
2019-	Welbio Researcher (“Walloon Excellence in Life Science and Biotechnology”)
2020-2022:	Secretary of the 1st Section of the Royal Academy of Medicine of Belgium
2022:	Coordinator of an EoS (Excellence of Science) program
2022-	Member of the Baillet Latour Biomedical Award (BLBA)-FNRS

Participation in European programs (FP7)

- Coordinator of n° HEALTH-F2-2008-201279 FP7 “MICROENVIMET”, 2008-2013
- Partner of « CAFFEIN » (FP7-PEOPLE-2012-ITN; 316610 ; 2012- 2015).
- Coordinator of « Tumorlymphainhibit » FP7-PEOPLE-2013-IEF: n° 625862; 2014-2016
- Partner of “TheraLymph” Horizon 2020 Framework programme, N° 874708; 2020-2024.

Organization of national meetings

- Spring Meeting of the Belgian Society for Cell and Developmental Biology: “Angiogenesis” (Liège, April 21, 2001).
- Autumn Meeting of the Belgian Society for Cell and Developmental Biology: “Angiogenesis and Lymphangiogenesis” (Liège, October 7, 2004).
- Joint Spring Meeting of the Belgian Society for Cell and Developmental Biology (SBBCD/BVCOB) and the Belgian Immunological Society (BIS) “Cell migration in cancer and immunity” (Brussels, May 27-28, 2005).
- Spring Meeting of the Belgian Society for Cell and Developmental Biology: “Chromatin Dynamics and Epigenetics” (Liège, March 10, 2007).
- “SERPINS 2008 Meeting fitting the pieces together”, Leuven, July 12-16, 2008 (Co-organiser).
- Spring meeting of the Belgian Society for Cell and Developmental Biology (BSCDB) “Tumor micro environment and metastasis”, Liège, March 27, 2010.
- Mini-symposium « Interactions protéines-protéines et ciblage tumoral », September 26, 2008 at the University of Liège for the Thematic Graduate School in Experimental Cancerology (EDT).
- Mini-symposium « La face cachée des microRNA », September 29, 2009, at the University of Liège for the Thematic Graduate School in Experimental Cancerology (EDT).
- Mini-Symposium “Mass Spectrometry”, December 14, 2009 at the University of Liège for the Thematic Graduate School in Experimental Cancerology (EDT).
- Seminar and workshop on “All the questions you never dared to ask on Models of Angiogenesis” on September 7, 2010 at the University of Liège for the Thematic Graduate School in Experimental Cancerology (EDT).
- Spring meeting of the Belgium Society for Cell and Developmental Biology (BSCDB): « Tumor microenvironment and metastasis », Liège, March 27, 2011.
- Organization in collaboration with Dr C. Michiels and Prof. A. Burny of the annual mini-symposium, for the Thematic Graduate School in Experimental Cancerology (EDT) (Namur, September 13, 2011).
- MicroEnviMet Symposium “The tumor microenvironment in cancer progression and metastatic dissemination » Liège, February 24, 2012.

- Ecole Doctorale Thématique en Cancérologie Expérimentale, annual mini symposium "Signal transduction and cell cycle in proliferation and cancer" September 13, 2012, Organizers: Pierre Roger, Agnès Noel.
- GIGA-Cancer Day, May 17, 2013, 20th anniversary of MRL. EDT-Cancérologie Expérimentale, University of Liège.
- Organization of the "First CAFFEIN Summer School: July 1-July 5, 2013" at the University of Liège
- GIGA-Cancer Day, May 19, 2014, at the University of Liège: "Lymphatic system: the bed and bench point of view".
- Ecole Doctorale Thématique en Cancérologie Expérimentale, annual mini-symposium « From clinic to lab and vice versa», September 30, 2014 at the University of Liège.
- GIGA-Cancer Day, May 13, 2015 at the University of Liège: "The Tumor-Host interface: friends or foes?"
- GIGA Day, February 1, 2017 at the University of Liège: "New insights into the new hallmarks of Cancer".
- GIGA-Cancer Day, September 13, 2018: "Vascular landscape and (pre)metastatic niche in cancer biology" at the University of Liège.

Organization of international conferences

- Elected European Member of the IPS « International Proteolysis Society » Board (2011-2015).
- Member of the Scientific Committee and the Steering Committee and co-organizer of:
 - 4th General Meeting of the International Proteolysis Society (IPS), Canada, October 15-19, 2005.
 - Second European Conference on Tumor Angiogenesis and Anti angiogenic Therapy (ECTA), Munich, September 14-16, 2006.
 - 5th International Symposium in Serpin Biology, Structure and Function, Leuven, July 12-16, 2008.
 - EMBO Molecular Medicine Workshop « Invasive Growth: a Genetic Program for Stem Cells and Cancer » - « MicroEnviMet Symposium », Torino Italy, September 10, 2009.
 - 8th General Meeting of the International Proteolysis Society, Cap Town, South Africa, October 20-24, 2013.
 - 9th General Meeting of the International Proteolysis Society, Penang, Malaysia, October 4-8, 2015.
- Congrès SFA - Société Française d'Angiogenèse
 - Comité d'organisation: Laurent Martiny, Agnès Noël, Fabrice Soncin: 14-16 octobre, 2018, Reims, France.

Prizes/Awards

- Prize Van Beirs: 1991-1992, University of Liège, Belgium
- Annual Prize "Fernand De Waele", Fonds National of the Recherche Scientifique: 1993
- Prize of the "Fondation Léon Fredericq": 1993
- Prize of the "Fondation Rose et Jean Hoguet": 1993
- Prize of the "Fondation Cancérologique St Michel": 1993
- Prize of the "Fondation Mr. et Mme F. Braconier-Lamarche": 1994
- International Prize "Henny C. Dirven" (prize dedicated to the research on breast cancer): 1997
- Prize "Dr Maurice GODIN - Maria SAVELKOUL", Royal Academy of Medicine of Belgium: 1997
- Prize "Rik et Nel Wouters": 1998
- Prize "André VANDER STRICHT": 1999
- Prize "Scientifique Pharmacia & Upjohn": 1999
- Prize "Alexandre et Gaston Tytgat": 2001
- Member of the Royal Academy of Medicine (2009-2013)
- Permanent Member of the Royal Academy of Medicine of Belgium (2014-)
- Welbio Researcher ("Walloon Excellence in Life Science and Biotechnology") (2019-)
- Secretary of the 1st section of the Royal Academy of Medicine of Belgium (2020-2022)
- Lifetime Achievement Award of the Belgian Society for Cell and Developmental Biology : 2022

Invited presentation to peer-reviewed, internationally established conference

Gordon Research Conferences

- Il Ciocco (Italy): May 13-18, 2001
"Interest of MMP-deficient mice for the study of tumor angiogenesis"
- Big Sky Resort, Montana (USA): August 28, 2005 – September 2, 2005
"Unexpected news on MMPs in cancer progression"
- Il Ciocco (Italy): June 3-8, 2007

“Matrix metalloproteinases: essential regulators of cell behavior”

- Il Ciocco (Italy): May 2-7, 2010
“Exploration of Novel MMP Functions: From Angiogenesis to Lymphangiogenesis”
- Ventura (CA, USA): March 5-9, 2012
“How do lymphatics deal with an interstitial environment?”
- Il Ciocco (Italy): June 17-22, 2012
“Revisited Functions of MMP in Lymphangiogenesis and tissue remodeling”
- Ventura (CA, USA): March 30 – April 4 2014
“Regulated Proteolysis of Cell Surface Proteins”
- Ventura (CA, USA): January 18-23, 2015
“Lipid addiction for tumor re-growth and invasion after anti-angiogenic therapy”
- Il Ciocco (Italy): March 11-16, 2018
“uPARAP: a novel partner of VEGFR-2/R-3 that controls VEGF-C-induced lymphatic sprouting”
- Il Ciocco (Italy): October 30-November 04, 2022
“Lymphatic Vessels in Cancer: Therapeutic Opportunities” – Invited Discussion Leader

Meeting of the International Proteolysis Society (IPS)

- Freising (Germany): October 31 - November 4, 2001
“Protease inhibitors modulate tumor growth by up- and down-regulating tumoral angiogenesis”.
- Quebec City (Canada): October 15-19, 2005
- San Diego (USA): October 16-21, 2011
“The interstitial landscape in Tumor Environment”
- Cap Town (South Africa): October 20-24, 2013, 8th General Meeting of the International Proteolysis Society,
- Penang, (Malaysia): October 4-8, 2015, 9th General Meeting of the International Proteolysis Society

Société Française de Biologie de la Matrice Extracellulaire (SFBMEc)

- Paris (France): March 29-30, 2012
SFBMEc 50th Anniversary, Paris 2012 (Extracellular matrix: 2012 update)
“Contribution of Matrix Metalloproteinases to hallmarks of cancer”
- Lyon (France): March 11-13, 2015
XXIIIème Réunion Annuelle de la SFBMEc
“Addiction of tumor cells to lipids for metastatic dissemination after anti-angiogenic treatment”

Invited speaker to other Conferences (during the last five years)

- Leiden (Pays-Bas): June 20, 2012
Leiden University Medical Center
“How does the interstitial landscape influence the behavior of tumor cells and lymphatic endothelial cells?”
- Nice (France): November 26-27, 2012
Tumor Ecosystem in Cancer Progression and Metastasis
“How deal lymphatic endothelial cells in a collagen-rich environment?”
- Bruxelles (Belgium): February 5, 2013
“Tumor microenvironment and metastatic dissemination”
“European Organisation for Research and Treatment of Cancer”
- Bergen (Norway): April 11, 2013
The BioMedical and BioSciences Lecture Series, University of Bergen
“Contribution of cancer associated fibroblasts and lymphatic endothelial cells in the remodelling of a collagen-rich tumor microenvironment”
- Copenhagen (Denmark): September 19, 2013
BRIC-Biotech Research and Innovation Center, University of Copenhagen.
- Sønderborg (Denmark): May 12-14, 2014
46th Sandbjerg Meeting on Membrane Transport 2014
“Membrane type-4 MMP and its cell membrane landscape for outside-in signaling regulation”
- La Pointe de Pen Bron, La Turballe (France): October 1–4, 2014
Workshop: Immune and stromal responses in cancerology: new challenges for therapeutic targeting
- Bruxelles (Belgium): February 11, 2015
Université Libre de Bruxelles Campus Erasme - Faculty of Medicine

Cancer Research and TELEVIE: The Challenges for the Next 10 Years

“New challenge in anti-angiogenic therapy: how to overcome tumor adaptation to treatment? “

- Milan (Italy) Italfarmaco: March 2, 2015
“Multifaceted lymphatic system”
- Lyon (France): March 11-13, 2015
XXIIIème Réunion Annuelle de la Société Française de Biologie de la Matrice Extracellulaire (SFBMEc), seminar presentation “Addiction of tumor cells to lipids for metastatic dissemination after anti-angiogenic treatment”
- Spa (Belgium): June 5, 2015
29th Journées Franco-Belges de Pharmacochimie, seminar presentation
“New insights into tumor adaptation to therapeutic treatment”
- Montpellier (France): May 20, 2016
4th SIRIC Montpellier Cancer Annual Meeting
“The Tumor-host interface in tumor progression and adaptation to treatment”
- Toulouse (France): April 23-25, 2017
7th meeting of the French Angiogenesis Society
“New insights into lymphatic sprouting in cancer development and pre-metastatic niche formation »
- 20th International Vascular Biology Meeting (IVBM2018): Helsinki (Finland): June 3-7, 2018
Chairs: Agnes Noel & Tatiana Petrova at the Parallel session 14: Lymphangiogenesis.
- “5th Human Cancer Immunology Course” (Institut Jules Bordet)
“New Insights into the crosstalk between cells in the tumor microenvironment” Brussels (Belgium), October 10-11, 2019
- Bergen Fibrosis Conference
“Alpha 11 integrin interacts with PDGFRbeta receptor in pro-invasive breast cancer-associated fibroblasts”, Bergen (Norway), May 23-24, 2019
- Junior Lymphatic Meeting (Online) organized by Young Kwon Hong, University of Southern California (USA)
“New insights into tissue remodeling in (pre)-metastatic lymph node and lymphedema” : October 25, 2022

Invited Professor :

- International diploma in Molecular Oncology :
“Molecular Biology Applied to Clinical Oncology”
Université péruvienne des sciences appliquées, Lima (Peru), April 25 - May 4, 2018
- International diploma in Molecular Oncology :
“Molecular Biology Applied to Clinical Oncology”
University of Quito (Equator), April 10-21, 2019

Mentorship :

PhD thesis finalized

C. BALSAT 2014, B. LENOIR 2015, J. CIMINO 2015, L. MAERTENS 2015, O. CARNET 2015, A. TRUONG 2016, N ; LEROI 2016, M. VAN DE VELDE 2017, C. YIP 2017, I. PRIMAC 2019, T. DURRE 2019, P. FOIDART 2019, A. GALLEZ 2020, G. LUIS 2020, M. EBROIN 2021, Q. ROBLAIN 2021, A. CANALE 2021, T. LOUIS 2021, L. GILLOT 2021, F. LALLEMAND 2021.

Ongoing PhD thesis

I. BOURGOT 2013, F. GUCCIARDO 2019, S. PIRSON 2019, L. ROUAUD 2019, L. BAUDIN 2020, F. BUNTINX 2020, D. BERIOT 2020, L. ZANELLA 2021, F. CHERKAOUI 2021, J. DEROYE 2022, E. HENDRICKX 2022

Post-doctoral fellows

Belgian fellows: K. BAJOU, B. DETRY, F. BRUYERE, M. MESTDAGT, C. BALSAT, C. MAILLARD, S. BLACHER, C. ERPICUM, NE SOUNNI, L. MELEN-LAMALLE, Ph. MARTINIVE, C. PEQUEUX, C. GILLES, V. LAMBERT, C. MUNAUT, E. MAQUOI, S. LABIED, J. CIMINO, T. DURRE, M. VAN DE VELDE, A. LEBEAU.

Foreign fellows: L. DEVY (France), E. TSKITISHVILI (Japan), M. GARCIA-CABALLERO (Spain), J. PAUPERT (France), N. SIGNOLLE (France), M. KASABOVA (France), D. CALLIGARIS (France), F. MORFOISSE (France), M. GAUTIER (France).