

# Agnès Noël M.Sc., PhD



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PROFESSOR

Specialist in Molecular Oncology

Recognized Belgian researcher. Director of the research center Interdisciplinary Group of Applied Genoproteomics (GIGA)-cancer. President of the thematic graduate school in experimental cancerology of the National Fund for Research (FNRS) of Belgium. Professor of molecular cell biology and molecular oncology and president of the council of research and valorization in health sciences at the University of Liege (ULg). Author and co-author of more than 160 international scientific articles.

**Full name:** Agnès Noël

**Country:** Belgium

**Current Position:**

- 2012-present Co-director of the Tumor and Development Biology Laboratory (LBTD). GIGA-cancer institute of the ULg. Belgium.
- 2012-present Director of the GIGA-cancer institute. ULg (140 researchers). Belgium.
- 2010-present Professor of molecular and cellular biology. Faculty of medicine of ULg. Belgium.

**Education:**

- 1992-1997 Thesis of aggregation. Higher education. ULg. Belgium.
- 1985-1991 Doctoral thesis on the interactions between cancer cells and healthy cells that infiltrate tumors. ULg. Belgium.
- 1982-1984 Master in zoological sciences. ULg. Belgium.
- 1980-1982 Bachelor of biological sciences. ULg. Belgium.

**Experience:**

- 2012-present Co-director of the Tumor and Development Biology Laboratory (LBTD). GIGA-cancer institute of the ULg. Belgium.
- 2012-present Director of the GIGA-cancer institute. ULg (140 researchers). Belgium.
- 2010-present Professor of molecular and cellular biology. Faculty of medicine of ULg. Belgium.
- 2006-2010 Professor of molecular and cellular biology. ULg. Belgium.
- 2003-2006 Professor of molecular and cellular biology. « Chargé de cours ». ULg. Belgium.
- 1999-2003 Associate professor. ULg. Belgium.
- 1995-1998 Qualified researchers. FNRS. Belgium.

- 1993-1995 Post-doctoral fellow (Marie-Curie grant). The University of Strasbourg. France.
- 1990-1993 Assistant for research and teaching. Department of biology. ULg. Belgium.
- 1985-1990 Research Fellow. Department of experimental dermatology. ULg. Belgium.

### Scientific publications

Number of publications as author or co-author: 162

H Index: 69

Recent scientific publications:

Effect of inhibition of the fatty acid synthetase of the lymphatic vessels: in an in vitro and in vivo study in a melanoma model. Bastos DC, Paupert J, Maillard C, Seguin F, Carvalho MA, Agostini M, Coletta RD, Noël A, Graner E. *Lab Invest.* 2017 Feb;97(2):194-206. doi: 10.1038/labinvest.2016.125.

A specific immune and lymphatic pelvis characteristic of the premetastatic stage of the sentinel lymph node in patients with early cervical cancer. Balsat C, Blacher S, Herfs M, Van de Velde M, Signolle N, Sauthier P, Pottier C, Gofflot S, De Cuypere M, Delvenne P, Goffin F, Noel A and Kridelka F. *Oncoimmunology.* 2017 Feb 10;6(2):e1265718. IF=7,644

Neutrophil-Derived Interleukin 16 in lung cancer promotes the sowing of tumor cells in the breast. Donati K, Sépult C, Rocks N, Blacher S, Gérard C, Noel A, Cataldo D. *Cancer Growth Metastasis.* 2017 Oct 27;10:1179064417738513.

Modeling of the premetastatic lymphatic vascular niche in the mouse ear sponge test. García-Caballero M, Van de Velde M, Blacher S, Lambert V, Balsat C, Erpicum C, Durré T, Kridelka F, Noel A. *Sci Rep.* 2017 Jan 27;7:41494. IF=5,228 5.

Targeting VEGFR-3 / -2 signaling pathways with AD0157: a potential strategy against lymphangiogenesis associated with tumor and lymphatic metastases. García-Caballero M, Paupert J, Blacher S, Van de Velde M, Quesada AR, Medina MA, Noël A. *J Hematol Oncol.* 2017 Jun 19;10(1):122.

Current control of 17  $\beta$ -Estradiol long-term release increases the reliability and reproducibility of preclinical animal studies. Gérard C, Gallez A, Dubois C, Drion P, Delahaut P, Quertemont E, Noël A, Pequeux C. *J Mammary Gland Biol Neoplasia.* 2017 Mar;22(1):1-11. 9368-1. IF=3,143.

Zonula occludens-1 / NF- $\kappa$ B / CXCL8: a new regulatory axis for angiogenesis for tumors. Lesage J, Suarez-Carmona M, Neyrinck-Leglantier D, Grelet S, Blacher S, Hunziker W, Birembaut P, Noël A, Nawrocki-Raby B, Gilles C, Polette M. *FASEB J.* 2017 Apr;31(4):1678-1688.

Receptors of estrogen and sterol dependent neuroprotective actions: a pilot study. Tskitishvili E, Pequeux C, Munaut C, Viellevoye R, Nisolle M, Noël A, Foidart JM. *J Endocrinol.* 2017 Jan;232(1):85-95. IF=4,498.

MT4-MMP and EGFR expression levels are biomarkers for the patient with breast cancer that responds to breast cancer and erlotinib. Yip C, Foidart P, Somja J, Truong A, Lienard M, Feyereisen E, Schroeder H, Gofflot S, Donneau AF, Collignon J, Delvenne P, Sounni NE, Jerusalem G, Noël A. *Br J Cancer.* 2017 Mar 14;116(6):742-751.

The role of  $\beta$ -oxidation of fatty acids in lymphogenesis. *Nature.* Wong BW, Wang X, Zecchin A, Thienpont B, Cornelissen I, Kalucka J, García-Caballero M, Missiaen R, Huang H1, Brüning U, Blacher S, Vinckier S, Goveia J, Knobloch M, Zhao H, Dierkes C, Shi C, Hägerling R, Moral-Dardé V, Wyns S, Lippens M, Jessberger S, Fendt SM, Luttun A, Noel A, Kiefer F, Ghesquière B, Moons L, Schoonjans L, Dewerchin M, Eelen G, Lambrechts D, Carmeliet P. 2017 Feb 2;542(7639):49-54. IF=38,138.