

Curriculum Vitae Summary:

Name: Vanderhaeghen

First Name: Pierre

Date and Place of Birth: August 30th 1967, Brussels, Belgium

Citizenship: Belgian

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University Studies (M.D.):

1985-1992, Medical school, Université Libre de Bruxelles (U.L.B., Brussels, Belgium):

M.D. in June 1992 (Summa Cum Lauda).

Ph.D:

1992-1996, Medical school, Université Libre de Bruxelles :

Ph.D. in Biomedical Sciences in May 1996: « Characterization of members of the olfactory receptor gene family that are expressed in the male germ line ».

Fellowships and Positions:

1992-1996 : Fellow (Aspirant) of the Belgian F.N.R.S.

1996-1997 : Post-doctoral Fellow of the Belgian American Educational Foundation, the Francqui Foundation, and the D. Collen Foundation.

1997-1998 : Scientific Fellow from NATO, Fellowship of the Dept. Cell Biology, Harvard U.

1998-2001 : Post-doctoral Fellow (Chargé de Recherches) of the F.N.R.S.

2001- : Research Associate (Chercheur Qualifié) of the F.N.R.S.

Academic and Scientific Distinctions :

1987 : Fleurice-Mercier Prize.

1992 : Specia Prize.

1996 : Horlait-Dapsens Foundation Prize.

Selected Bibliography:

1. Olfactory receptors are displayed on dog mature sperm cells.

Vanderhaeghen P, Schurmans S, Vassart G, and Parmentier M.

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2. Specific repertoire of olfactory receptor genes in the male germ cells of several mammalian species.

Vanderhaeghen P, Schurmans S, Vassart G, and Parmentier M.

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3. Molecular cloning and chromosomal mapping of olfactory receptor genes expressed in the male germ line: evidence for their wide distribution in the human genome.

Vanderhaeghen P, Schurmans S, Vassart G, and Parmentier M.

Biochem. Biophys. Res. Com. 237 (1997), 283-287.

4. The ephrins and Eph receptors in neural development.

Flanagan JG, and Vanderhaeghen P.

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5. Topographic Guidance Labels in a Sensory Projection to the Forebrain.
Feldheim DA, Vanderhaeghen P, Hansen MJ, Frisén J, Lu Q, Barbacid M, and Flanagan JG.
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6. A mapping label required for normal scale of body representation in the cortex.
Vanderhaeghen P, Lu Q, Prakash N, Frisén J, Walsh CA, Frostig R, and Flanagan JG.
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7. Deformation of the functional cortical somatosensory map in adult ephrin-A5 knock-out mice.
Prakash N, Vanderhaeghen P, Cohen-Cory S, Frisén J, Flanagan JG, and Frostig R.
J. Neurosci. 20 (2000), 5841-5847.
8. Un gène qui contrôle l'homunculus.
Vanderhaeghen P.
Médecine/Sciences 16 (2000), 850-851.
9. Alkaline phosphatase fusions of ligands or receptors as in situ probes for staining of cells, tissues, and embryos.
Flanagan JG, Cheng HJ, Feldheim DA, Hattori M, Lu Q, Vanderhaeghen P.
Methods Enzymol. 327 (2000), 19-35.
10. Enhanced Plasticity of Retinothalamic Projections in ephrin-A2/A5 Double Mutant Mice.
Lyckman AW, Jhaveri S, Feldheim DA, Vanderhaeghen P, Flanagan JG, Sur M.
J. Neurosci., 21 (2001), 7684-7690.
11. Neurogenin2 specifies the connectivity of thalamic neurons by controlling axon responsiveness to intermediate target cues.
Seibt J, Schuurmans C, Dehay C, Vanderhaeghen P, Guillemot F, and Polleux F.
Neuron 39 (2003), 439-452.
12. Area-Specificity and Topography of Thalamocortical Projections Controlled by Ephrin/Eph genes.
Dufour A, Seibt J, Passante L, Depaape V, Ciossek T, Frisen J, Kullander K, Flanagan J, Polleux F, and Vanderhaeghen P.
Neuron 39 (2003), 453-465.