

CURRICULUM VITAE

Name: Vanderhaeghen **First name:** Pierre

Date and place of birth: Brussels, August 30 1967

Citizenship: Belgian

Languages: French, English, Dutch

Professional address:

Institute of Interdisciplinary Research (IRIBHM)

ULB Neuroscience Institute (UNI)

Université Libre de Bruxelles ULB,

Campus Erasme CP 602

Bldg. C Room 6.113

808, Route de Lennik

B-1070 Brussels, Belgium

Pho: 32-2-555-4186 // 32-2-555-4185

Fax: 32-2-555-4655

email: pierre.vanderhaeghen@ulb.ac.be

Web site: <http://dev.ulb.ac.be/pvdhlab>

University Studies:

1992-1996, Medical school, Université Libre de Bruxelles (U.L.B., Brussels, Belgium):

Ph.D. in Biomedical Sciences, May 1996:

« Characterization of members of the olfactory receptor gene family that are expressed in the male germ line ».

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

Medical Doctor, June 1992 (Summa Cum Laude, 2nd in a class of 500).

Positions:

2013-present:

Director, ULB Neuroscience Institute (UNI), U.L.B.

2013-present:

Full Professor, Medical school, U.L.B.

2013-2014:

Visiting Professor/Investigator at the VIB Center for the Biology of Disease, K.U. Leuven.

2010-present:

Deputy-Director, Institute of Interdisciplinary Research (I.R.I.B.H.M., U.L.B.).

2010-2012:

Research Director at the Belgian National Fund for Scientific Research (F.N.R.S).

2006-2010:

Senior Group Leader (Maître de Recherches) at the Belgian National Fund for Scientific Research (F.N.R.S).

2001-2006:

Group Leader (Chercheur qualifié) at the Belgian National Fund for Scientific Research (F.N.R.S).

1999-2001:

Chargé de Recherches (postdoctoral position) at the Belgian F.N.R.S.

I.R.I.B.H.M. (U.L.B.).

1996-2000:

Post-doctoral Fellow at Dept. of Cell Biology, Harvard Medical School (J.G. Flanagan).

10/1992-9/1996:

Aspirant F.N.R.S. (I.R.I.B.H.M. / U.L.B. / G. Vassart).

Awards and Distinctions:

2013 European Research Council (ERC) Advanced Grant

2013 AXA Foundation Distinguished Permanent Chair in Neuroscience

2013 Solvay Prize for Neuroscience Research

2011 Francqui Prize (most prestigious award to a Belgian scientist)

2011 Solvay Prize for Neuroscience Research

2009 Prize of the Foundation Roger de Spoelberch

2009 Elected Member of the European Molecular Biology Organization (EMBO)

2009 Solvay Prize for Neuroscience Research

2009 Elected Member of the Belgian Royal Academy of Medicine

2008 Pierre Clerdent Foundation Prize for Research on Brain Diseases

2006 UCB Award for Neuroscience

2000 Emile Defay Fund Research Award

1997 NATO Travel Award

1996 Fellow of the Belgian American Educational Foundation

1996 Fellow of the Francqui Foundation

1996 Horlais-Dapsens Foundation Prize (PhD thesis)

1992 Specia Prize (2nd in a class of 500)

1987 Fleurice Mercier Prize (1st in a class of 750)

Teaching:

2007-Present: Stem Cell and Developmental Genetics (12h); Masters in Biomedical Sciences (MA1 Bime), ULB.

2006-Present: Developmental Biology (12h); Bachelor in Biomedical Sciences (BAC3 Bime), ULB.

2004-2007: Developmental Neurobiology (12h); Masters in Biology/Biotechnology, ULB.

2001-Present: Developmental Cell Biology (2h); Bachelor in Medicine (BA2 Medicine), ULB.

Editorial duties:

2013-present: Member of the Editorial Advisory Board of *Development*.

2010-present: Member of F1000 (Faculty of 1000).

2001-present: Regular reviewer for *Nature*, *Science*, *Cell*, *Nature Neuroscience*, *Nature Cell Biology*, *Nature Biotechnology*, *Nature Protocols*, *Neuron*, *Cell Stem*

Cell, Developmental Cell, Gene & Development, Cell Reports, ELife, PLOS Biology, PNAS, Development, EMBO Journal, J. Neuroscience, EMBO reports, Mol. Psychiatry, Cerebral Cortex.

Expertise and Organisation duties:

2013-2016: Member of the EMBO Long-Term postdoctoral Fellowship Committee.

2013-2014: Member of the Belgian FNRS Commission “Neurosciences”.

2011-2013: Member of the European Research Council (ERC) Panel 'Neurosciences and Neural Disorders' for ERC Starting Grants.

2009: Member of the French ANR Commission “Psychiatric and neurological diseases”.

2007-2012: Member of the Scientific Committee of the Erasme Foundation for Biomedical Research.

2006-present: Advisor of the Rector of ULB for Research in Biomedical Sciences.

2005-2009: Member of the Belgian FNRS Commission “Cell and Developmental Biology”.

2001-present: *Ad hoc* Grant reviewer for the European ERC, Human Frontier Science Programme, French ANR, UK Wellcome Trust and MRC, German Max Planck Institute, US National Science Foundation, Flemish FWO, Italian CNR, Japanese RIKEN.

2011-2012: Member of the Program Committee of the FENS (Federation of European Neuroscience Societies) Meeting, Barcelona, July 2012.

2011-2012: Member of the Program Committee of the ISDN (International Society of Developmental Neuroscience) Meeting, Mumbai, India, January 2012.

Publications in international peer-reviewed journals.

Research Articles:

Novel and robust transplantation reveals the acquisition of polarized processes by cortical cells derived from mouse and human pluripotent stem cells.

Nagashima F, Suzuki IK, Shitamukai A, Sakaguchi H, Iwashita M, Kobayashi T, Tone S, Toida K, **Vanderhaeghen P**, Kosodo Y.
Stem Cells Dev. 2013 Dec 10.

tRNA Methyltransferase Homolog Gene TRMT10A Mutation in Young Onset Diabetes and Primary Microcephaly in Humans.

Igoillo-Esteve M, Genin A, Lambert N, Désir J, Pirson I, Abdulkarim B, Simonis N, Drielsma A, Marselli L, Marchetti P, **Vanderhaeghen P**, Eizirik DL, Wuyts W, Julier C, Chakera AJ, Ellard S, Hattersley AT, Abramowicz M, Cnop M.
PLoS Genet. 2013 Oct;9(10):e1003888.

Ephrin-B1 controls the columnar distribution of cortical pyramidal neurons by restricting their tangential migration.

Dimidschstein J, Passante L, Dufour A, van den Aemele J, Tiberi L, Hrechdakian T, Adams A, Klein R, Chichung Lie D, Jossin Y, and **Vanderhaeghen P**.
Neuron (2013), 73, 1123-1135.

Pyramidal neurons generated from human pluripotent stem cells integrate efficiently into mouse brain circuits in vivo.

Espuny-Camacho I, Michelsen K, Gall D, Linaro D, Hasche A, Bonnefont J, Bali C, Orduz D, Bilheu A, Herpoel A, Lambert N, Gaspard N, Péron S, Schiffmann SN, Giugliano M, Gaillard A, and **Vanderhaeghen P**.
Neuron (2013), 77, 440-456.
Preview and Featured Article in Neuron.

Ephrin-A5/EphA4 signalling controls specific afferent targeting to cochlear hair cells.

Defourny J, Poirrier AL, Lallemand F, Mateo Sánchez S, Neef J, **Vanderhaeghen P**, Soriano E, Peuckert C, Kullander K, Fritsch B, Nguyen L, Moonen G, Moser T, Malgrange B.
Nature Commun. (2013), 4:1438. doi: 10.1038/ncomms2445.

Directed migration of cortical interneurons depends on the cell-autonomous action of Sip1.

van den Berghe V.; Stappers E.; Vandesande B; Dimidschstein J.; Kroes R; Francis A; Conidi A.; Lesage F; **Vanderhaeghen P**, et al.
Neuron (2013), 77, 70-87.
Preview in Neuron.

BCL6 induces neurogenesis through Sirt1-dependent epigenetic repression of selective Notch transcriptional targets.

Tiberi, L., van den Aemele, J., Dimidschstein, J., Piccirilli, J., Gall, D., Herpoel, A., Bilheu, A., Bonnefont, J., Iacovino, M., Kyba, M., Bouschet T., and **Vanderhaeghen P**.
Nature Neurosci. (2012), 15, 1627-1635.

Inhibition of SRGAP2 function by its human-specific paralogs induces neoteny of spine maturation.

Charrier, S., Johsi, K., Couincho-Budd, Kim, J., Lambert, N., de Marchena Powell, J., Jin, W., **Vanderhaeghen, P.**, Ghosh, A., Sassa, T., and Polleux, F.
Cell 149 (2012), 923-935.
Preview in Cell.

Eomesodermin induces Mesp1 expression and cardiac differentiation from embryonic stem cells in the absence of Activin.

van den Aamele J, Tiberi L, Bondue A, Paulissen C, Herpoel A, Iacovino M, Kyba M, Blanpain C, **Vanderhaeghen P.**
EMBO Rep. 13 (2012), 355-362.

Expression at the imprinted dlk1-gtl2 locus is regulated by proneural genes in the developing telencephalon.

Seibt J, Armant O, Le Digarcher A, Castro D, Ramesh V, Journot L, Guillemot F, **Vanderhaeghen P***, Bouschet T.
**corresponding author.*

PLoS One. 2012;7(11):e48675. doi: 10.1371/journal.pone.0048675.

Transcriptional Mechanisms of EphA7 Gene Expression in the Developing Cerebral Cortex.

Pietri S, Dimidschstein J, Tiberi L, Sotiropoulou PA, Bilheu A, Goffinet A, Achouri Y, Tissir F, Blanpain C, Jacquemin P, **Vanderhaeghen P.**
Cereb Cortex 22 (2012), 1678-1689.

Genes Expressed in Specific Areas of the Human Fetal Cerebral Cortex Display Distinct Patterns of Evolution.

Lambert N, Lambot M-A, Bilheu A, Albert V, Englert Y, Libert F, Noel JC, Sotiriou C, Holloway AK, Pollard KS, Detours V, **Vanderhaeghen P.**
PLoS ONE 6 (2011) e17753. doi:10.1371/journal.pone.0017753

Generation of Cortical Neurons from Embryonic Stem Cells.

Gaspard N, Bouschet T, Herpoel A, Naeije G, vandenAamele J, and **Vanderhaeghen P.**
Nature Protocols 4 (2009), 1454-63.

Mechanism of primitive duct formation in the pancreas and submandibular glands: a role for SDF-1.

Hick AC, van Eyll JM, Cordi S, Forez C, Passante L, Kohara H, Nagasawa T, **Vanderhaeghen P**, Courtoy PJ, Rousseau GG, Lemaigre FP, Pierreux CE.
BMC Dev Biol. 14 (2009) e66.

GPR3 receptor, a novel actor in the emotional-like responses.

Valverde O, Célérier E, Baranyi M, **Vanderhaeghen P**, Maldonado R, Sperlagh B, Vassart G, and Ledent C.
PLoS ONE 4 (2009) e4704.

Human cystic fibrosis embryonic stem cell lines derived on placental mesenchymal stromal cells.

Deleu S, Gonzalez-Merino E, Gaspard N, Nguyen TM, **Vanderhaeghen P**, Lagneaux L, Toungouz M, Englert Y, and Devreker F.

Reprod. Biomed. 18 (2009), 704–716.

Three-dimensional reconstruction of efferent ducts in wild-type and Lgr4 knock-out mice.

Lambot MA, Mendive F, Laurent P, Van Schoore G, Noël JC, **Vanderhaeghen P**, and Vassart G.

Anat Rec 292 (2009), 595-603.

An intrinsic mechanism of corticogenesis from embryonic stem cells.

Gaspard N, Bouschet T, Hourez R, Dimidschstein J, Naeije G, vandenAmeele J, Espuny-Camacho I, Herpoel A, Passante L, Schiffmann S, Gaillard A, and **Vanderhaeghen P**.

Nature 455 (2008), 351-357.

Preview in Cell Stem Cell.

Temporal regulation of ephrin/Eph signalling is required for the spatial patterning of the mammalian striatum.

Passante L, Gaspard N, Degraeve M, Frisen J, Kullander K, Demartelaer V, and **Vanderhaeghen P**.

Development 135 (2008), 3281-3290.

Birth and rapid subcellular adaptation of a hominoid-specific CDC14 protein.

Rosso L, Marques AC, Weier M, Lambert N, Lambot MA, **Vanderhaeghen P**, and Kaessmann H.

PLoS Biol. 6 (2008), e140.

Eph receptors and their ephrin ligands are expressed in developing mouse pancreas.

van Eyll J, Passante L, Pierreux CE, Lemaigre FP, **Vanderhaeghen P**, and Rousseau GG.

Gene Expr. Patterns 6 (2006) 353-359.

An RNA gene expressed during cortical development evolved rapidly in humans.

Pollard KS, Salama SR, Lambert N, Lambot MA, Coppens S, Pedersen JS, Katzman S, King B, Onodera C, Siepel A, Kern AD, Dehay C, Igel H, Ares M, **Vanderhaeghen P**, and Haussler D.

Nature 443 (2006), 167-172.

N&V in Nature, Preview in Cell.

Genetic Analysis of EphA-Dependent Signalling Mechanisms Controlling Topographic Mapping in Vivo.

Dufour A, Egea J, Kullander K, Klein R, and **Vanderhaeghen P**.

Development 133 (2006), 4415-4420.

Ephrin signalling controls brain size by regulating apoptosis of neural progenitors.

Depaepe V, Suarez N, Passante L, Dufour A, Gorski J, Jones K, Ledent C, and **Vanderhaeghen P**.

Nature 435 (2005), 1244-1250.

N&V in Nat. Neurosci.

Mapping labels in the developing human visual system and the evolution of binocular vision.

Lambot MA, Depasse F, Noel JC, and **Vanderhaeghen P**.
J. Neurosci. 25 (2005), 7232-7237.
Preview in J. Neurosci.

Regulation of EphA4 Kinase Activity Is Required for a Subset of Axon Guidance Decisions Suggesting a Key Role for Receptor Clustering in Eph Function.
Egea J, Vig Nissen U, Dufour A, Sahin M, Greer P, Kullander K, Mrcic-Flogel T, Greenberg ME, Kiehn O, **Vanderhaeghen P**, and Klein R.
Neuron 47 (2005), 515-528.

Neurogenin2 specifies the connectivity of thalamic neurons by controlling axon responsiveness to intermediate target cues.
Seibt J, Schuurmans C, Gradwohl G, Dehay C, **Vanderhaeghen P**, Guillemot F, and Polleux F.
Neuron 39 (2003), 439-452.
Preview in Neuron.

Area-Specificity and Topography of Thalamocortical Projections Controlled by Ephrin/Eph genes.
Dufour A, Seibt J, Passante L, Depaepe V, Ciossek T, Frisen J, Kullander K, Flanagan J, Polleux F, and **Vanderhaeghen P**.
Neuron 39 (2003), 453-465.
Preview in Neuron.

Enhanced Plasticity of Retinthalamic Projections in an Ephrin-A2/A5 Double Mutant.
Lyckman AW, Jhaveri S, Feldheim DA, **Vanderhaeghen P**, Flanagan JG, and Sur M.
J. Neurosci. 21 (2001), 7684–7690.

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.

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.

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.
Nature Neurosci. 3 (2000), 358-365.
Editor's choice in Science.

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. * *These authors contributed equally.*
Neuron 21 (1998), 1303-1313.

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.

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

Vanderhaeghen P, Schurmans S, Vassart G, and Parmentier M.
Genomics 39 (1997), 239-246.

Olfactory receptors are displayed on dog mature sperm cells.

Vanderhaeghen P, Schurmans S, Vassart G, and Parmentier M.
J. Cell. Biol. 123 (1993), 1441-1452.

Soluble and particulate Ins(1,4,5)P3/Ins(1,3,4,5)P4-phosphatase in bovine brain.

Erneux C, Lemos M, Verjans B, **Vanderhaeghen P**, Delvaux A, and Dumont JE.
Eur. J. Biochem. 181 (1989), 317-322.

Reviews and editorials:

Thinking out of the dish: what to learn about cortical development using pluripotent stem cells.

van den Aamele, J., Tiberi, L., **Vanderhaeghen, P***, and Espuny-Camacho, I. (2014).

**corresponding author.*

Trends Neurosci. 2014, in press

Cortical neurogenesis from pluripotent stem cells: complexity emerging from simplicity.

Anderson, S., and **Vanderhaeghen, P.** (2014).

Curr Opin Neurobiol 27C, 151-157.

Generation of cortical neurons from pluripotent stem cells.

Vanderhaeghen, P.

Prog Brain Res (2012) 201, 183-195.

The best of times, the worst of times for psychiatric disease.

Karayiorgou M, Flint J, Gogos JA, Malenka RC; the Genetic and Neural Complexity in Psychiatry 2011 Working Group, Bargmann CI, Boyden ES, Bullmore ET, Chan AW, Davis M, Deisseroth K, Dolmetch RE, Eggan K, Fears SC, Freimer NB, Geschwind DH, Gordon J, Nickerson DA, **Vanderhaeghen P**, Axel R, Zuker CS, Fischbach GD.

Nature Neurosci. 2012 May 25;15(6):811-812. doi: 10.1038/nn.3115.

Cortical Neurogenesis and Morphogens: Diversity of Cues, Sources and Functions.

Tiberi L, **Vanderhaeghen P***, and van den Aamele J.

**corresponding author.*

Curr. Op. Cell Biol. (2012) Apr;24(2):269-76.

Laminar fate specification in the cerebral cortex.

Gaspard N, **Vanderhaeghen P**.
F1000 Biol Rep. (2011);3:6.

From stem cells to neural networks: recent advances and perspectives for neurodevelopmental disorders.

Gaspard N and **Vanderhaeghen P**.
Dev Med Child Neurol 53 (2011): 13-7.

Axon Guidance Molecules in Cell Death and Axon Pruning.

Vanderhaeghen P, and Cheng, H-J.
Cold Spring Harb Perspect Biol. 2010 Jun 1;2(6):a001859

Mechanisms of neural specification from embryonic stem cells.

Gaspard N, and **Vanderhaeghen P**.
Curr. Op. Neurobiol. 20 (2010), 37-43.

Wnts blow on NeuroD to promote adult neuron production and diversity.

Vanderhaeghen P.
Nature Neurosci. 9 (2009), 1079-1081.

Making Cortex in a Dish: corticogenesis from embryonic stem cells.

Gaspard N, Gaillard A, and **Vanderhaeghen P**.
Cell Cycle 8 (2009), 2491-6.

Lethal signals that control brain size.

Depaepe V, and **Vanderhaeghen P**.
Médecine/Sciences 21 (2005), 795-797.

Developmental Mechanisms of Thalamocortical Patterning: Intrinsic, Extrinsic, and in Between.

Vanderhaeghen P, and Polleux F.
Trends Neurosci. 27 (2004), 384-391.

A gene that controls the homunculus.

Vanderhaeghen P.
Médecine/Sciences 16 (2000), 850-851.

The ephrins and Eph receptors in neural development.

Flanagan JG, and **Vanderhaeghen P**.
Annu. Rev. Neurosci. 21 (1998), 309-345.

Molecular Genetics of Olfactory receptors.

Parmentier M, **Vanderhaeghen P**, Schurmans S, Libert F, and Vassart G.
Médecine/Sciences 11 (1994), 1083-1090.

Do sperm cells have flair?

Vanderhaeghen P, Schurmans S, Vassart G, and Parmentier M.
Médecine/Sciences 11 (1994), 1136-1139.

The G protein-coupled receptor family and one of its members, the TSH receptor.

Vassart G, Desarnaud F, Duprez L, Eggerickx D, Labbe O, Libert F, Mollereau C, Parma J, Paschke R, Tonacchera M, **Vanderhaeghen P**, vanSande J, Dumont J, Parmentier M.

Ann. NY Acad. Sci. 766 (1995), 23-30

Book chapters

Olfactory receptors.

Parmentier M, Schurmans S, Libert F, **Vanderhaeghen P**, and Vassart G.

Handbook of receptors and channels

S. Peroutka ed. CRC Press USA (1994). pp. 237-250.

Patents

BCL6-mediated modulation of cortical differentiation of neuronal progenitor cells.

Luca Tiberi, Jelle van den Aemele, and **Pierre Vanderhaeghen**

European Patent Application 11184863.6; filed on October 12, 2011.

Generation of mesodermal cells from pluripotent stem cells.

Luca Tiberi, Jelle van den Aemele, Antoine Bondue, Cedric Blanpain, and **Pierre**

Vanderhaeghen

European Patent Application filed on July 15, 2011.

Generation of neuronal cells from pluripotent stem cells.

Nicolas Gaspard, Gilles Naeije, Jelle vandenAemele, Yvon Englert, Fabienne Devreker, and **Pierre Vanderhaeghen.**

PCT No. PCT/EP2008/060183, filed on August 1st 2008.

Invited speaker at international meetings.

From stem cells to neural circuits.

Danish Stem Cell Society.

Nyborg, denmark, March 2014.

Cortical development and disease.

European Pediatric Neurological Society Meeting.

Brussels, Belgium, October 2013.

From stem cells to cortical networks.

Cognomics Symposium.

Nijmegen, Netherlands, September 2013.

Pluripotent stem cell-based corticogenesis.

XIII International Symposium on Neural Transplantation.

Cardiff, UK, September 2013.

Modelling brain development with ES cells.

EMBO Course on Developmental Neurobiology

King's College, London, UK, July 2013.

Modelling human cortex development and evolution.
Japanese Neuroscience Society Meeting.
Kyoto, Japan, June 2013.

From stem cells to cortical circuits.
ABCAM Meeting on brain development and repair.
Boston, US, June 2013.

From pluripotent stem cells to cortical neurons.
Glowbrain European Symposium.
Zagreb, Croatia, May 2013.

Modelling human brain development and repair.
International Symposium on Brain development and disorders.
Valescure, France, October 2012.

Control of tangential migration of pyramidal neurons.
NEUREX International Symposium on Neuronal Migration
Strasbourg, France, September 2012.

Mechanisms of cortical neuron specification.
Gordon Research Conference on Neural Development.
Newport, RI, US, August 2012.

From pluripotent stem cells to cortical neurons.
International Course on Neural Development.
Okinawa Institute of Science and Technology (OIST), Okinawa, Japan, July 2012.

From Stem cells to neurons.
FENS Sattelite Symposium 'Brain development and cancer'.
Barcelona, Spain, July 2012.

Modelling cortical development.
10th Dutch Endo-neuro-psycho Meeting.
Lunteren, Netherlands, June 2012.

Symposium on 'Directed differentiation and reprogramming'.
Meeting of the International Society of Developmental Neuroscience.
Mumbai, India, January 2012.

EU Workshop 'Development and Function of the Nervous System'.
Istanbul, Turkey, October 2011.

Symposium on Stem Cell Biology.
American Society of Developmental Biology.
Chicago, MI, US, July 2011.

Symposium 'Genetic and cellular complexity of neuropsychiatric diseases'.
Santorini, Greece, June 2011.

Symposium on Brain Repair.

French Society for Neuroscience, Marseille, May 2011.

International Symposium 'Building the brain'.
Harvard Medical School, Boston MA, US, May 2011.

2nd "Wiring the Brain" International Symposium.
Dublin, Ireland, April 2011.

Physiological Society Themed Meeting: Cellular and Integrative Neuroscience
Neuroscience.
London, UK, April 2011.

Keystone Meeting on adult neurogenesis.
Taos, NM, US, January 2011.

From stem cells to cortical networks.
Current Trends in Biomedicine: Cell replacement for regeneration in the nervous
system.
Baeza, Spain, October 2010.

Neural Stem Cell Meeting.
Karolinska institute, Sotckholm, Sweden, September 2010.

From stem cells to cortical networks.
EMBO Meeting 2010.
Barcelona, Spain, September 2010.

Stem cell models of neurogenesis.
Gordon Research Conference on Developmental Neurobiology.
Newport, RI, US, August 2010.

Mechanisms of temporal neurogenesis.
Symposium (Vice-Chair) at the Federation of the European Societies (FENS)
Meeting.
Amsterdam, the Netherlands, July 2010.

Intrinsic mechanisms of corticogenesis.
Annual Meeting of the Japanese Society for Developmental Biology.
Kyoto, Japan, June 2010.

International Meeting on Neural Stem Cells.
Ecole des Neurosciences de Paris, Paris, France, June 2010.

Development of the human cerebral cortex.
International Symposium - Anatomical Society of Great Britain and Ireland.
Oxford, UK, January 2010.

From stem cells to cortical networks.
International Symposium "Constructing and reconstructing the brain".
Awaji Island, Japan, October 2009.

In vitro corticogenesis, from stem cells to cortical networks.

2nd International UCSF Stem Cell Research Symposium:
Frontiers of Neural Stem Cells.
San Francisco, US, September 2009.

Stem Cells and Forebrain Neural Repair.
Eurostem International Symposium.
Hydra, Greece, September 2009.

Making cerebral cortex from stem cells.
EU Strokemap Network Meeting.
Leuven, Belgium, September 2009.

Corticogenesis in a dish.
Wiring the Brain International Symposium.
Adare, Ireland, April 2009.

Stem cells and new therapies for brain diseases.
Stem Cell Institute Harvard U. Think Tank and Symposium
Boston, July 2008.

Genes controlling human cortex development and evolution.
Wenner-Gren Foundation Symposium 'Building a Complex Brain'.
Kristineberg, Sweden, June 2008.

From stem cells to cortical neurons.
Abcam Brain Development Symposium.
London, UK, May 2008.

Corticogenesis in a dish.
FEBS Workshop : Generating Neural Diversity in the Brain.
Capri, Italy, October 2007.

Identification of genes involved in human cortex development and evolution.
5th European Conference of Comparative Neurobiology (ECCN).
Paris, France, May 2007.

Multiple Roles for ephrin/Eph genes in the developing forebrain.
14th Euroconference on Apoptosis (ECDO).
Chia, Sardinia, Italy. September 2006.

Ephrin/Eph genes and the patterning of neuronal connectivity in the cerebral cortex.
Symposium (Chair) at the Federation of the European Societies (FENS) Meeting.
Vienna, Austria. July 2006.

Molecular mechanisms of brain development and cerebral plasticity.
European Society of Neuropediatrics.
Brussels, Belgium, March 2006.

Multiple roles for Ephrin/Eph genes in the patterning of the cerebral cortex.
Japanese Society for Neuroscience Meeting.
Yokohama, Japan. July 2005.

Developmental mechanisms patterning connections to the cerebral cortex: intrinsic, extrinsic, and in between.
Symposium (co-Chair) at the American Society for Neuroscience (SFN) Meeting.
San Diego, CA USA. October 2004.

Ephrin/Eph genes and thalamocortical development.
Workshop 'Neural Network Development'.
Paris, France. May 2004.

Genetic mechanisms patterning neuronal connections in the cerebral cortex: potential implications for neuropsychiatric disorders.
World Federation of Societies for Biological Psychiatry (WFSBP).
Bruges, Belgium. December 2003.

Ephrins and the patterning of thalamocortical connections.
Cold Spring Harbor Symposium on Axon guidance and Neural Plasticity.
Cold Spring Harbor, NY USA. September 2002.

Ephrins and the development of sensory maps in the cerebral cortex.
Symposium at the Federation of the European Societies (FENS) Meeting.
Paris, France. July 2002.

Ephrins and the patterning of the somatosensory neocortex.
Barrels Meeting XIV.
Carlsbad, CA USA. November 2001.