

Giorgio F. Gilestro

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Research Positions

since 2012 *Lecturer* at Imperial College London, Department of Life Sciences, London, UK
2010 – 2012 *Junior Research Fellow* at Imperial College London
2006 – 2009 *Postdoc* at University of Wisconsin Madison, Madison, WI, USA
2002 – 2006 *PhD Student* at Research Institute of Molecular Pathology (IMP), Vienna, Austria

Qualifications

2006 PhD in Molecular Biology, University of Vienna, Austria
Title of thesis: “Regulation of Robo receptors in *Drosophila*”
Grade achieved: *mit Auszeichnung bestanden (magna cum laude / “outstanding”)*

2001 Laurea in Medical Biotechnology, University of Torino, Italy
Title of thesis: “Semaphorin signalling via Plexin receptors”
Grade achieved: *110/110 Honours*

Fellowships and grants

2017 Philanthropic donation (£12.5k)
2017 BBSRC iCASE DTP with Syngenta (£160k - 48 months)
2016 The Gas Trust Grant (jointly with R. Dickinson £190k - 12 months)
2016 BBSRC Impact Acceleration Award (£15k - 6 months)
2015 ERC Marie Curie Fellowship to E. Beckwith (£240k - 24 months)
2015 BBSRC PhD fellowship (jointly with N. Windblicher £120k - 48 months)
2014 EMBO Fellowship to E. Beckwith (£120k - 24 months)
2014 BBSRC Research Grant (£480k - 36 months)
2012 BBSRC PhD fellowship (jointly with S. Zafeiriou) (£120k - 48 months)
2012 BBSRC PhD fellowship (jointly with A. Faisal) (£120k - 48 months)
2012 EPSRC Kick-start Scheme (jointly with B. Seemungal and A. Faisal) (£20k - 12 months)
2011 Royal Society Research Grant (£15k - 12 months)
2009 Junior Research Fellowship at Imperial College London (£270k - 36 months)

List of Publications

Geissmann Q, Garcia Rodriguez L, Beckwith EJ, French AS, Jamasb AR, and Gilestro GF
Ethoscopes: an open platform for high-throughput ethomics
PLoS Biology, 2017 Oct 19; 15(10):e2003026

Beckwith EJ, Geissmann Q, French AS and Gilestro GF
Regulation of sleep homeostasis by sex pheromones
eLife, 2017 Sep 12;6:e27445

Gilestro GF
Video tracking and analysis of sleep in *Drosophila melanogaster*
Nature Protocols, 2012 Apr 26;7(5):995-1007

Gilestro GF* and Cirelli C
pySolo: a complete suite for sleep analysis in *Drosophila*
Bioinformatics, 2009 Jun 1;25(11):1466-7.

Gilestro GF, Tononi G and Cirelli C
Widespread changes in synaptic markers as a function of sleep and wakefulness in *Drosophila*
Science, 2009 Apr 3;324(5923):109-12.

Gilestro GF
Redundant Mechanisms for Regulation of Midline Crossing in *Drosophila*
PLoS ONE, 2008 Nov 24;3(11):e3978.

Dickson BJ* and Gilestro GF*
Regulation of Commissural Axon Pathfinding by Slit and its Robo receptors
Annu Rev Cell Dev Biol, 2006;22:651-75.

Christensen C, Ambartsumian N, Gilestro GF, Thomsen B, Comoglio PM, Tamagnone L,
Guldberg P, and Lukanidin E
Proteolytic processing converts the repelling signal Sema3E into an inducer of invasive growth
and lung metastasis
Cancer Research, 2005 Jul 15;65(14):6167-6177

Artigiani S, Conrotto P, Fazzari P, Gilestro GF, Barberis D, Giordano S, Comoglio PM and
Tamagnone L
Plexin-B3 is a functional receptor for semaphorin 5A
Embo Reports, 2004 Jul;5(7):710-4

Giordano S, Corso S, Conrotto P, Artigiani S, Gilestro GF, Barberis D, Tamagnone L and Comoglio PM
Semaphorin 4D Receptor controls invasive growth by coupling with Met tyrosine kinase
Nature Cell Biology, 2002 Sep;4(9):720-4

Petrelli A, Gilestro GF, Lanzardo S, Comoglio PM, Migone N and Giordano S
The Endophilin-CIN85-Cbl complex mediates ligand-dependent downregulation of c-Met
Nature, 2002 Mar 14;416(6877):187-90

(*) *corresponding author*