

BIO SKETCH

NAME : ORIEUX Gaël

POSITION TITLE : Assistant Professor

EDUCATION / TRAINING

INSTITUTION AND LOCATION	DEGREE	Year	FIELD OF STUDY
UPMC -University Paris 6, France	Msc	1998	Neurosciences
UPMC -University Paris 6, France	PhD	2003	Neurosciences

POSITIONS AND EMPLOYMENTS

1998-2003	Laboratory of Neuronal cell death: causes & mechanisms U289, Inserm, Paris, France. <i>PhD Student</i> (supervisor : Dr EC. Hirsch)
2003-2004	Franche-Comté university, laboratory of Neurosciences EA 481, Paris, France (Dr Versaux-Botteri). <i>Postdoctoral Fellow</i> .
Since 2004	UPMC – University Paris 6, Paris, France <i>Assistant Professor (Neurosciences)</i> Institut de la Vision, Development Department, “Retinal development and repair: use of iPS cells” team (PI: Olivier Goureau). INSERM UMR_S968, Paris, France (Director: Pr. Sahel).

Scientific Interests:

Analysis of retinal progenitor cell differentiation: cell lineage analysis, identification of the molecular mechanisms involved.

Visual loss restoration approach, regenerative medicine & cell therapy ; application to optic neuropathies (Glaucoma, LHON,...)

Production of retinal cells (retinal ganglion cells) from human pluripotent stem cells (iPS cells);

Development of in vitro retinal dystrophy models using human pluripotent stem cells.

Other Experiences and Professional Memberships :

Teaching

Assistant professor’s teaching responsibility (UPMC): more than 200 hours/year. Both Undergraduate and Master level (<http://www.master.bip.upmc.fr/fr/index.html> ; discipline: Physiology, Physiopathology, Neurosciences)

Students supervising

2004-present 3 master students ; 1 PhD student

Grants and Awards

2000-2002 PhD fellowship, France Parkinson Society

2002-2003 Research fellowship, Fondation pour la Recherche Médicale (FRM)

2016-2017 _Grant from Retina France

Publications:

8 peer-review publications ; 4 reviews and book chapters ([pubmed list](#))