

Curriculum Vitae

Julien COLOMB, PhD

Oderberger strasse 9

10435 Berlin

julien.colomb@fu-berlin.de



Birth: 9 April 1979

Single

Swiss

Research activities

2009-present Postdoctoral fellow
FU (Berlin)
working on "the what and where of operant learning in *Drosophila*"
Coworker: Dr. hab. B. Brembs

2007-2008 Postdoctoral fellow
ESPCI (France)
working on "appetitive learning in *Drosophila*"
Supervisor: Dr. T. Preat

Education

2006 PhD in Biology
University of Fribourg (CH).
PhD dissertation: "The chemosensory system of *Drosophila* larvae: neuroanatomy and behaviour"
Thesis director: Prof. R.F Stocker

2002 Diploma in Biology
University of Fribourg (CH)
Subject: "Anatomical and functional studies of the chemosensory system of the *Drosophila* larva suggest the presence of a gustatory target area in the antennal lobe?"

1998 "Maturité fédérale type C" (scientific subsection), in the "Collège de la royale Abbaye de St. Maurice"

Teaching experience

2006 Fluorescence and Confocal Microscopy (lecture course to master student, 3 hours)

2003–2006 Studying behavior. (course during the practical course, 2 hours)

2003-2005 An introduction to learning and memory and their molecular mechanisms. (2 hours, part of the lecture course "Developmental- and Neurogenetics" given by R.F. Stocker).

Supervision

2005 Co-supervisor of the diploma work of Claire Huguenin (with Dr. A. Ramaekers) on the role of NO in olfactory discrimination in *Drosophila* larvae.

2008 Co-supervisor of the PhD student Séverine Trannoy (with Dr. G. Isabel and Dr. N. Gervasi) on the role of dopamine in appetitive learning consolidation in *Drosophila*.

Organization of conferences

2004 Co-organizer of a PhD meeting, in Cerniat. (30 participants)

Other tasks

2007 Creation of the T. Preat's lab website.

2004. Creation of the R.F. Stocker's lab website.

Co-director in the theater group "les apostrophes" in 2006

Cashier of and actor in the theater group "les apostrophes" in 2002-2005.

Languages

French (mother tongue), English (fluent), German (fluent), Spanish (basics).

Computer skills

Publishing: T_EX, Office; html; Image processing: Photoshop, Illustrator, Image J;

Programming: Labview, R (freeware for statistics)

reviewer for the following journals

current biology, Proceedings of the royal society B, The Journal of Experimental Biology, learning and memory, PLoS one, JEAB

Associate member of faculty of 1000

Project management and leadership skills

During my PhD thesis and my post-doctoral experience, I both developed and demonstrated the abilities of independent initiative and creative thinking. I had the opportunity to propose, develop and then bring to fruition my own projects. I also presented my work in different congresses; in particular, I gave an oral presentation in the 2006 neurofly meeting, which gathered the whole community of neuroscientists working on *Drosophila*. I already took great part in the redaction of the papers of my thesis, a skill that I developed further. Furthermore, I have been learning to elaborate long term and more integrated projects, thanks to my post-doctoral training. All these elements demonstrate my abilities to take initiative and to manage a project from its beginning to its end. I also took part in the supervision of students. Moreover, as a co-director in the theatre group of the University during my thesis, I also gained experience in the difficult task of group management.

Publications

4 1st author research paper
2 review (from which 1 book chapter)
1 extra-view article
h-index: 3

Choice of 6 publications:

- (2010). **Julien Colomb**, Bjoern Brembs
"biology of psychology: "simple conditioning"" *Communicative and Integrative Biology* (3 (2): 142-145).
cited 1 times
- (2009). **Julien Colomb**, Laure Kaiser, Marie-Ange Chabaud, Thomas Preat
"Parametric and genetic analysis of *Drosophila* appetitive long-term memory and sugar motivation" *Genes Brain and Behaviour* (8 (4): 407-415).
cited 9 times
- (2007). **Julien Colomb**, Reinhard F. Stocker
"Combined rather than separate pathway for hedonic and sensory aspects of taste in *Drosophila* larvae." *FLY* (1 (4): 232-234).
cited 1 times
- (2007). **Julien Colomb**, Nicola Grillenzoni, Reinhard F. Stocker, and Ariane Ramaekers.
"Complex behavioural changes after odour exposure in *Drosophila* larva". *Anim. Behav.* (73 (4): 579-85).
cited 3 times
- (2007). **Julien Colomb**, Nicola Grillenzoni, Ariane Ramaekers, and Reinhard F. Stocker.
"Architecture of the primary taste center of *Drosophila melanogaster* larvae". *J. comp. neurol.* (502: 834-847).
cited 20 times
- (2007). **Julien Colomb***, Rüdiger Bader*, Bettina Pankratz, Anne Schröck, Reinhard F. Stocker, and Michael J. Pankratz.
"Genetic dissection of a neural circuit underlying feeding behavior in *Drosophila*: distinct morphology of single *hugin* expressing neurons". *J. comp. neurol.* (502: 848-856).
* the two authors participated equally to this work.
cited 16 times