

Curriculum Vitae

Julien COLOMB, PhD

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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*"
- 2007-2008 Coworker: Dr. hab. B. Brembs
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"

Approved grants

- 2010 Forschungsgruppe "biogenic amines in insects". grant cowritten with B.Brembs
- 2009 SNF for advanced researchers : PA00P3-124141 - The what and where of operant learning in *Drosophila*
- 2007 SNF for prospective researchers: PBFR33-116951 - Memory phases of reward learning in *Drosophila melanogaster*

Teaching experience

2011	Practical course neurobiology. (7 times 4 hours, Practical course supervision)
2011	Entwicklung der Insekten [Insect development] (2 hours lecture)
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 of student

2010–present	Co-supervisor of the PhD student Chistine Damrau (with Dr. B. Brembs) on the role of octopamine in reward, motivation and motor control in <i>Drosophila</i> .
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 <i>Drosophila</i> .
2005	Co-supervisor of the diploma work of Claire Huguenin (with Dr. A. Ramaekers) on the role of NO in olfactory discrimination in <i>Drosophila</i> larvae.

Organization of conferences

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

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.

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