

## 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<sub>E</sub>X, 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: 4

Choice of 5 publications:

- (2010). **Julien Colomb**, Bjoern Brembs  
“biology of psychology: "simple conditioning"” *Communicative and Integrative Biology* (3 (2): 142-145).  
cited 3 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 13 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 8 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 29 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 27 times