

Motivation letter

I hereby apply for the position 24/2017, Open Science Blog Editor.

I used to work in fundamental research (neuro-genetics, my second post doc - 2009 to 2014- was under Bjoern Brembs supervision), and got more interested in project management and pragmatic ways to improve scientific outputs in the recent years. I have been running the blog for Drososhare GmbH since 2014, and I am using twitter intensively in relation to my work there (@drososhare), and for my open science projects (@j_colomb). I am for instance involved in the production of a MOOC for open science. I have a strong commitment to open data and other aspects of reproducible research standards (open access, reproducible reports, pre-registration). Please have a look at the links for more information.

Working for the OSL would be a great pleasure and opportunity, I could finally focus my attention and work on pushing open science forward (especially in Germany and in Europe), and get the means to have a real impact. I am in close contact with Dr Jon Tennant and we would like to discuss whether the position might be split, maybe between the two of us since our skills are complementary.

I am looking forward to hear from you,
Dr. Julien Colomb

Links:

My website on teaching open science:

<https://reproducibleresearch.wordpress.com/>

The video pitch for my open science workshop:

<https://vimeo.com/216695191>

The open science meetup I am co-organising:

<http://www.meetup.com/Berlin-Open-Science-Meetup/>

The Drososhare blog:

<https://drososhare.wordpress.com/>

Referees:

Prof. Bjoern Brembs, bjoern@brembs.net

Curriculum Vitae

Julien COLOMB, PhD in Biology
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12049 Berlin
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<https://github.com/jcolomb>
<http://orcid.org/0000-0002-3127-5520>

Birth: 9 April 1979 in Sion (CH)
Married, two children
Swiss



Summary

After 12 years spent in fundamental research (neuro-genetics), during which I gathered skills in experimental design, team leading and student teaching, I got most interested in open science and research reproducibility, as well as the digital tools helping scientists to achieve it. I gathered extra experience in business development through the foundation of Drososhare, which turn out not to be sustainable yet. Since the birth of my second child, I am trying to make a living out of freelance work as data analyst and teaching reproducible research.

Commercial activities

2016-present Freelance scientist (data analysis and project management),
2012-present Founder and CEO of Drososhare GmbH (Berlin, Germany),

Non-commercial activities

2015- present Organisation of the Berlin Open Science meetup:
 Discussion on open science themes (Reproducible Research, Open Access, peer review), and Organisation of the open con satellite conferences
2017- present Part of the march for science Berlin Orga team:
 Organisation of a protest in Berlin in 2017 (11000 people came) and further discussion on future actions

Research activities

2015 - 2016 Postdoctoral fellow, HU & Charité (**Berlin**, Germany), by Prof. Y. Winter
2014 - 2015 Postdoctoral fellow, HU & Charité (**Berlin**, Germany), by Prof. Y. Winter
2009 -2013 Postdoctoral fellow, FU (**Berlin**, Germany), by Prof. B. Brembs
2007-2008 Postdoctoral fellow, ESPCI (**Paris**, France), by Dr. T. Preat

Education

2016 FELASA B. HU Berlin
2013 Moderation & management (Continuing Education), FU Berlin/Artop.
2006 PhD in Biology, University of Fribourg (**Fribourg**, Switzerland).
PhD dissertation: "The chemosensory system of *Drosophila* larvae: neuroanatomy and behaviour" Thesis director: Prof. R.F Stocker
2002 Diploma in Biology, University of Fribourg (**Fribourg**, Switzerland)
1998 "Maturité fédérale type C" (scientific subsection), in the "Collège de la royale Abbaye de St. Maurice"

Languages

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

Research output

<https://orcid.org/0000-0002-3127-5520>
8 research papers (7 first author), 3 reviews, 1 Scienceopen collection
<https://github.com/jcolomb>
3 Open source software (2 main author)
h-index =7, Meeting Presentations = 25

Supervision of student

2010-2014 Co-supervisor of the PhD student Christine Damrau (with Dr. B.Brembs) on the role of octopamine in reward, motivation and motor control in *Drosophila*.
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*.
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.

Teaching experience

2016 Animal models of neuropathy, (master student, 2x2h lecture, organisation)
2012 Genetik (bachelor student, 2 x 3 h. lecture, 2x 1h. seminar)
2012 Neurogenetik. (master student, 2 x 2 h. lecture, 2x 1h. seminar)
2011 Practical course neurobiology. (7 x 4 h., Practical course supervision)
2011 Entwicklung der Insekten [Insect development] (2 h. lecture)
2006 Fluorescence and Confocal Microscopy (master student, 3h. lecture)
2003-2006 Studying behavior. (master student, 2 h. lecture)
2003-2005 Developmental- and Neurogenetics (master student, 2 h. lecture).

Computer skills

Organisation and publication: OSX, Windows, Outlook, Access; , L^AT_EX, Office; html;
Image processing and scientific platform: Photoshop, Illustrator, Image J, Inscap; labfolder, figshare, github, overleaf, authorea, scienceopen
Programming: R (advanced), Git, Labview

Other tasks

Creation of the T. Preat's and R.F. Stocker's lab website.
Co-director in the theater group "les apostrophes" in 2006