

Curriculum vitae

Personal information

Date of birth 09.12.1985
Place of birth Porrentruy, Switzerland
Nationality Swiss

Work experience

Since 11/2015 **Postdoctoral researcher**, *Deutsches Primatenzentrum GmbH, Leibniz-Institut für Primatenforschung*, Göttingen, Germany, laboratory of Prof. H. Scherberger.

- Successful fellowship applications: study design, project outline, budget and time planning, scientific and financial reports
- Scientific paper writing
- Symposium and workshop organisation
- Design and supervision of bachelor and master student projects
- Room and equipment set-up for experiments with non-human primates
- Training of non-human primates with positive reinforcement
- Behavioural tracking (hand kinematic tracking) and single electrode recording
- Surgery assistance and implant care
- Software development for behavioural measurements in LabView and data analyses with MATLAB

03/2010 – 09/2015 **Graduate researcher**, *University of Fribourg*, Switzerland, laboratory of Prof. É. M. Rouiller.

- Achievement of the PhD in Neurosciences
- Research protocol and scientific paper writing
- Design and supervision of bachelor student projects, teaching of practical works
- Room and equipment set-up for experiments with non-human primates
- Training of non-human primates with positive reinforcement
- Development of electroencephalography (EEG) in non-human primates, human EEG recordings
- Surgery assistance
- Data analyses with MATLAB and Cartool

Education¹

09/2015 **PhD in Natural Sciences (option Neurosciences)**, *University of Fribourg*, Switzerland.

PhD thesis: *A window into the plasticity of the sensorimotor system in adult primates using EEG: Insights from lesion, repeated stimulation and touchscreen use*, under the supervision of Prof. É. M. Rouiller

12/2014 – 09/2015 **Guest student**, *Institute of Neuroinformatics and Neuroscience Center Zürich, University of Zürich and ETH Zürich*, Switzerland, laboratory of Dr. A. Ghosh.

02/2010 **Master of Science in Biology**, *University of Fribourg*, Switzerland.

- Option Developmental and Cell Biology
- Master thesis: *Development of an EEG cap allowing multichannel somatosensory evoked potential recordings in macaque monkey*, under the supervision of Prof. É. M. Rouiller
- Result: 5.98/6, 100%

09/2008 **Bachelor of Science in Biology**, *University of Fribourg*, Switzerland.

- Options Neuroscience, Special Biology for Biology students
- Result: 5.78/6, 96%

¹My publication list can be found here: <https://www.adgindrat.com/files/publications.pdf>

- 06/2005 **Diplôme de maturité gymnasiale (Abitur)**, *Lycée Saint-Charles*, Porrentruy, Switzerland.
- Options Biology/Chemistry, Physics
- Best result of the Swiss Canton of Jura: 5.94/6, 99%

Additional qualifications

- 10/2020 – 11/2020 **Fast Forward – Project management and productivity training for researchers**, organised by Mind Matters.
7-week training programme on agile project management and productivity
- 10/2020 **Good Manufacturing Practice**, organised by GMP-KURS.
5-day workshop certified by TÜV Süd, certificat verification code 6PQ4FSKKY9
- 11/2017 – 11/2018 **Dorothea Schlözer Qualification programme**, Göttingen, Germany.
Competitive programme offering workshops on career planning and development for female postdocs
- 07/2017 **Summer School Neural Data Science**, *Cold Spring Harbor Laboratory*, Cold Spring Harbor, New York, USA.
Competitive programme offering intensive training on neural data analysis using MATLAB
- 09/2014– 12/2014 **LTK Module 20: Introductory Course in Laboratory Animal Science – Non-human primates**, Fribourg, Basel, Zürich, Switzerland.
- 09/2013 **Practical seminar on animal anaesthesia and analgesia of various species**, held by Veterinary Anaesthesia Services-International.
- 03/2012 **Education seminar on animal anaesthesia and analgesia of various species**, held by Veterinary Anaesthesia Services-International.
- 06/2009 **RESAL Module 1: Introductory Course in Laboratory Animal Science**, Lausanne, Switzerland.
20h of theory and 20h of practice on laboratory rodents and rabbits, corresponds to FELASA B category course

Institutional responsibilities

- Since 02/2020 **Active member of the Göttingen Campus Postdoc Committee**, Göttingen, Germany.
- Network aimed at facilitating information exchange among postdocs in Göttingen
- Organisation of career fairs, social events and support in the form of monthly newsletters and networking opportunities for all postdocs across the Göttingen Campus
- Since 05/2017 **Fire protection aider and first aider**, *Deutsches Primatenzentrum GmbH*, Göttingen, Germany.

Organization of conferences

- 02/2018 – 04/2019 **Active member of the organisational committee for the *Women's Careers and Networks Symposium 2019***, Göttingen, Germany.
- Well-established in Göttingen, international, interdisciplinary symposium with about 200 participants and 30 speakers from academia, science communication, and industry
- Maintenance of the website, design of the logo, booklets and posters, registration management, communication with different stakeholders including sponsors
- 2017 **Member of the organizational team for the *Graduate Training in Primate Neurobiology Methods Course 2017***, Göttingen, Germany.

Fellowships

- 01/2019 – 08/2020 **Postdoc.Mobility fellowship**, from the Swiss National Science Foundation (Grant number P400PB_180818/1).
Application ranking: 2nd highest level out of 6 quality levels

- 07/2017 – 12/2018 **Early Postdoc.Mobility fellowship**, from the Swiss National Science Foundation (Grant number P2FRP3_168460).
- 07/2017 **Financial support**, from The Helmsley Charitable Trust to attend the Cold Spring Harbor Laboratory course *Neural Data Science* in Cold Spring Harbor (USA).
- 11/2014 **ISM slot**, to attend the Society for Neuroscience meeting 2014 in Washington.

Approved research projects

- 01/2019 – 08/2020 *Causal investigation of the primate hand grasping network with pathway-specific neuro-optogenetics*, Postdoc.Mobility fellowship from the Swiss National Science Foundation
- 07/ 2017 – 12/2018 *Probing the primate hand grasping network with neuro-optogenetics*, Early Postdoc.Mobility fellowship from the Swiss National Science Foundation
- 2014 – 2017 *Impact of Smartphone use on sensory processing in the brain*, approved by the Commission cantonale (VD) d'éthique de la recherche sur l'être humain (July 2014 – July 2016), and the Kantonale Ethikkommission Zürich (Feb. 2015 – Feb. 2017)

Teaching experience

- 2020 Supervised one psychology student from the University of Göttingen (Germany), Master rotation project
- 2019 Supervised one master student in electrical engineering from the Scuola superior Sant'Anna Pisa (Italy), Master traineeship
- 2017 Supervised one biochemistry student from the International Max Planck Research School and University of Göttingen (Germany), Master rotation project
- 2016 Supervised one biology student from the University of Göttingen (Germany), Master rotation project
- 2016 Supervised one biology student from the University of Mainz (Germany), Bachelor project
- 2014 Supervised two biology students from the University of Fribourg (Switzerland), Bachelor project
- 2011 – 2012 Supervised two biomedical students from the University of Fribourg (Switzerland), Bachelor project
- 2010 – 2011 Supervised two biomedical students from the University of Fribourg (Switzerland), Bachelor project
- 2010 – 2015 Teaching assistant for neurophysiology practical courses for medical, biomedical sciences, biology and psychology students, University of Fribourg, Switzerland
- 2011 Course *Development of high-density scalp SSEP recordings in macaque monkeys*, Advanced PhD course in EEG recording and analysis, Lemanic Neuroscience Doctoral School, Geneva, Switzerland
- 2004 – 2005 Supervision of a study room, Collège St-Charles, Porrentruy, Switzerland

Scientific reviewing activities²

- 2020 Paper review for *The Journal of Neuroscience*
- 2017 Paper review for *Eye and Brain*
- 2016 Paper review for *Restorative Neurology and Neuroscience*
- 2015 Paper review for *Journal of Pharmaceutical Sciences*

²My publons profile is available here: <https://publons.com/a/658178/>

Active memberships in scientific societies

- Since 2020 Postdoc member of the Society for the Neural Control of Movement
Since 2017 Postdoc member of the Bernstein Association for Computational Neuroscience
Since 2016 Postdoc member of the Society for Neuroscience

Digital skills

- Programming MATLAB (good), LabView (good), L^AT_EX(good), Python (basic), R (basic)
Design Adobe Illustrator/Photoshop, CorelDraw (very good)
MS Office Word, Excel, PowerPoint, Outlook (very good)

Personal skills

- Project management Designing, planning and executing complex experiments, delivering results and assignments on time, organising events (symposium, workshop, social events)
- Communication Excellent interpersonal, multilingual, written and oral speaking skills through teaching, supervising, research protocol and scientific paper writing, numerous presentations at scientific conferences and public events, project coordination with international partners
- Problem solving Analysing complex data, flexibly adapting goals in changing conditions, overcoming obstacles with a combination of personal experience, expertise from others and adapting ideas from different sources
- Budget management Preparing and tracking fellowship budgets

Language skills

- French Mother tongue
English Fluent (Level C1)
German Fluent (Level C1)
Latin Studied for 6 years

Göttingen, 1 March 2021

Dr. Anne-Dominique Gindrat