

2017: OPEN SCIENCE AND REPRODUCIBILITY SERIES

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WORKSHOP III

“DATA MANAGEMENT & OPEN DATA”

LAUSANNE, MAY 22, 2017

Open Science and Reproducibility Series

Programme for Workshop III “Data Management & Open Data”

Monday May 22, 2017, Department of Fundamental Neurosciences, UNIL

Accredited by the RESAL as a one day training in animal research.

Workshop III on "Data management & Open Data" is part of the Lemanic “Open Science & reproducibility” workshop series that aims at sensitizing researchers from UNIL, CHUV, EPFL, UNIGE and HUG to the notion of Open Science in order to improve transparency and reproducibility of their research. This series of events, supported by the [FBM Publication & Data Management Unit at CHUV Library](#), [Lemanic Neuroscience Doctoral School](#), and [Resal](#) will be a unique opportunity for scientists to discuss and discover Open Science best practices and standards at all stages of the research process.

During the first part of this workshop, researchers will discover what are the [SNFS funding agency new requirements concerning data management plan and data sharing](#). You will also discover the visions of Prof. F. Bussy (Vice Rector for Research and International Relations, UNIL) and of Prof. P. Vanderghenst (Vice President for education, EPFL) on Open Science. You will be introduced to what is exactly a **Data Management Plan (DMP) and how it can make a difference in your research data management**, To help you, professionals involved in Big Data management at [VitalIT/SIB](#) as well as in Data Management Plan preparation at [EPFL](#) and [DLCM](#) will teach you **best practices in data management** and how to collect, describe, store, secure and archive research data.

The second part of the workshop will be dedicated to **Open Data**. This session will provide researchers with guidance on how to share their data to increase the visibility of their work. You will learn about the **journal guidelines** ([PloS](#), [Nature Publishing Group](#)) **concerning data sharing**. You will learn about **data paper** ([Scientific Data, a Nature Research Journal](#)) and [Zenodo](#), [figshare](#), **two adapted data repositories** to meet journal requirements for publishing biomedical research data underlying their publication. We will present how making published work and their accompanying datasets freely accessible through Open Access can benefit both researchers and the scientific community.

This workshop will provide researchers with **tools to generate robust and excellent quality studies that are reproducible and reusable**. Importantly, it will provide you with effective support to produce high quality publications complying with the guidelines established by journal publishers and funding agencies.

The workshop is **free and open to researchers in the biomedical field from UNIL, CHUV, EPFL, UNIGE and HUG at all career stages** as well as **to scientific information specialists**.

Location: [Department of Fundamental Neurosciences](#) (DNF), Rue du Bugnon 9, Metro M2 stop “OURS”, Lausanne.

For registration use the link below:

[Workshop III – “Data management & Open Data” \(May 22, 2017\)](#)

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Time	
08.45 - 09.15	Arrival Coffee
09.15 - 09.30	Welcome venue from Prof. Nicolas Fasel, Vice-Dean of Research and Innovation, Faculty of Biology and Medicine, UNIL/CHUV.
09.30- 09.45	“The Open Science Policy of UNIL” Prof. François Bussy, Vice Rector for Research and International Relations, UNIL.
09.45 – 10.30	“Future implementation of SNSF policies on Data Management Plan and Open Research Data”, Dr. Sarah Gerster & Dr. Lionel Perini, SNSF.
10.30 – 11.15	“Data Life Cycle Management and Data Management Plan: an Introduction”, Dr. Aude Dieudé EPFL and DLCM.
11.15 – 12.00	“Data life cycle management in large collaborative projects” Dr. Mark Ibberson & Dr. Robin Liechti, VitalIT/SIB.
12.00 – 13.15	Lunch “Buffet”
13.15 – 14.00	“Open Science and reporting of animal studies”, Dr. Catriona MacCallum, PLOS Advocacy Director.
14.00 – 14.15	“Open Science and EPFL vision” Prof. Pierre Vandergheynst, Vice President for education, EPFL.
14.15 – 15.00	“Sharing your data and software on Zenodo”, L Holm Nielsen, Manager of the H2020 Data repository Zenodo.
15.00 – 15.30	Coffee Break
15.30 – 16.15	“The State of Open and FAIR Data”, Dr. Mark Hahnel, founder of the data repository figshare.
16.15 – 17.00	“Beyond supplementary material: sharing data effectively through repositories and data journals”, Andrew L. Hufton, Managing Editor, <i>Scientific Data</i> , a Nature Research Journal.
17.00 – 17.15	Regular services to researchers for publishing their data, Dr. Cécile Lebrand, CHUV Library, FBM (UNIL&CHUV)
17.15 – 18.00	“Data driven, executable articles in Authorea”, Nathan Jenkins, founder of the platform Authorea.