

## **Workshop IV “Data Management Plan & Open Data” in Life Science**

**Date: 08 November 2018, 9h30 -17h**

**Location:** Salle de formation de la Bibliothèque– Bâtiment hospitalier BH08 CHUV-  
Metro M2 stop “CHUV” - Lausanne

**0.25 ECTS**

**Speakers:** Lebrand Cécile (PhD) & Jérôme Zbinden

### **Overview**

There have been a lot of discussions around data management in research in recent years. The extensive problems with research reproducibility and data loss has urged scientists to consider developing efficient Data Management Plans (DMP) for their research projects, a need that is also reflected in the requirements of funding agencies, for example the Swiss National Fund (SNF) and Horizon 2020.

During the first part of this workshop, you will be taught best practices in data management and how to collect, describe, store, secure and archive research data. You will be introduced to the need for a Data Management Plan (DMP) preparation, an evolving document reporting how research data will be managed during and after a research project.

The second half of the workshop will be dedicated to practical exercises on data management, where you will learn how to fill a DMP corresponding to your own research project and how to share your published data on adapted repository. During the practical workshop on open data, we will present how making published works and their accompanying datasets freely accessible through Open Access can benefit both researchers and the scientific community. You will be initiated to data deposit, Open Access issues, metadata standards for datasets, file formats for long-term datasets storage and re-use, data copyright, licenses and self-archiving rules.

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

### **Audience**

The course is addressed to PhD students in Life Sciences and Neurosciences who want to learn how to efficiently complete a Data Management Plan form and to provide Open Access to published data. In parallel, this course aims to introduce participants to research data management in general.

## **Learning objectives**

At the end of the course you should be able to put in place a DMP and to share your published data in Open Access, making it possible to:

- respond to the requirements of the financing agencies such as the FNS and H2020, which requires a DMP to be put in place and Open Research Data.
- respond to the requirements of the journals and financing agencies which require shared standards for open practices in research.
- anticipate in detail the management of research data, specifying how these data are going to be analyzed, organized, stored, secured and shared.
- specify the type of data that is going to be created and indicate the responsible for the organization of the developed plan.
- indicate the process to be followed in respect of the budget, intellectual property, and monitoring over time.

You will also learn how to use our online DMP Canvas Generator tool to make your own DMP template.

## **Prerequisites**

- active research in the domain of Life Sciences / Neurosciences

## ***Technical requirements***

Please bring your personal laptop for the practical part of the course.

## **Registration**

Please register using [the link here](#) before October 30, 2018.

*For more information, please contact the FBM Data Management and Publication Unit by email: [Cecile.Lebrand@chuv.ch](mailto:Cecile.Lebrand@chuv.ch)*