

# Implementing FAIR principles within the Life Sciences – build micro-learning sequences

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## Agenda of the workshop

Introduction

Experience sharing : FAIR in the life sciences

What's Microlearning ? Some examples

Your micro-learning concepts : let's get to work

Release party / Carousel

Wrap-up

This presentation is available here: <https://go.epfl.ch/eahil>

## EPFL Library & Research Data trainings & Life sciences

Research Data Teaming

Training offer

Liaison with the School of Life Sciences

## What's the deal with FAIR ?

Some common obstacles (extracted from the pad)

...  
...  
...  
...

## So why is it so complicated ?

Please share your thoughts with us

## Micro-learning : a definition

“Microlearning refers to any pedagogy that encourages learning in short segments, and it can be supported through many platforms, including social media.” ( see Stefanie Trowbridge et al. Learning in Bursts: Microlearning with Social Media, 2017 )

## Micro-learning : misunderstandings

Misunderstanding #1: Microlearning is chunked content.

Misunderstanding #2: Microlearning is video based and must be less than 3 minutes ( Shannon Tipton, 2017 )

... Could it help us be more convincing about FAIR principles?

## Micro-learning : digital VS analog

## Micro-learning : an application

Private companies :

onboarding (Amgen)

staff safety procedure training (Merck)

Learning languages:

Duolingo

Chinese Skill app

Universities and information literacy:

Infotrack@UNIGE

ZB Med and their chat

Not always developed as “micro-learning”

## **An EPFL example**

### **Micro-learning : some tips and tricks**

should not take too much time (months) to create it

should not take too much time to consume

one idea, one concept

immediately applicable

device/set up agnostic

accessible (see Shannon Tipton, 2017 )

### **Your task for the next 45 minutes**

(it's a WORKshop so you will WORK)

Form a group with 4 other people to form a group of 5

Find a topic related to the FAIR principles that you would like to be able to showcase in a microlearning sequence

Work on a concept for a microlearning sequence

### **Your task for the next 45 minutes**

The concept should have an explicit “key message”

Think about your audience : does it work with all audiences ? Who are you planning to using it with ?

What is the delivery of the microlearning sequence ? Online, analog, other forms ?

When can it be used ? Are there prerequisites?

### **Vernissage / Launch your concept :cocktail:**

Display your concept and give a 1 minute pitch !

### **Questions and comments**

## **The End**