



Swiss Institute of
Bioinformatics

ELIXIR SPATIAL OMICS COURSE

Practical exercises and compute environment

Geert van Geest

21.01.2025

Practicals

- » day 1 (today): practical 0 and 1a
 - » day 2 (tomorrow): practical 1b-c, 2 and 3
 - » day 3: practical 4 and 5
 - » day 4: practical 6
-
- » Each practical number has:
 - » For each participant an associated **container**. Find your **password** and **links** [here](#) (also in the shared word doc).
 - » One or more **notebooks**, starting with `p[practical number]_topic`, so e.g. `p1_qc_normalization.ipynb`
 - » One or more **environments** associated with each notebook, with the same name as the notebook, so e.g. `p1_qc_normalization`

Important directories in the containers

Available in all environments are:

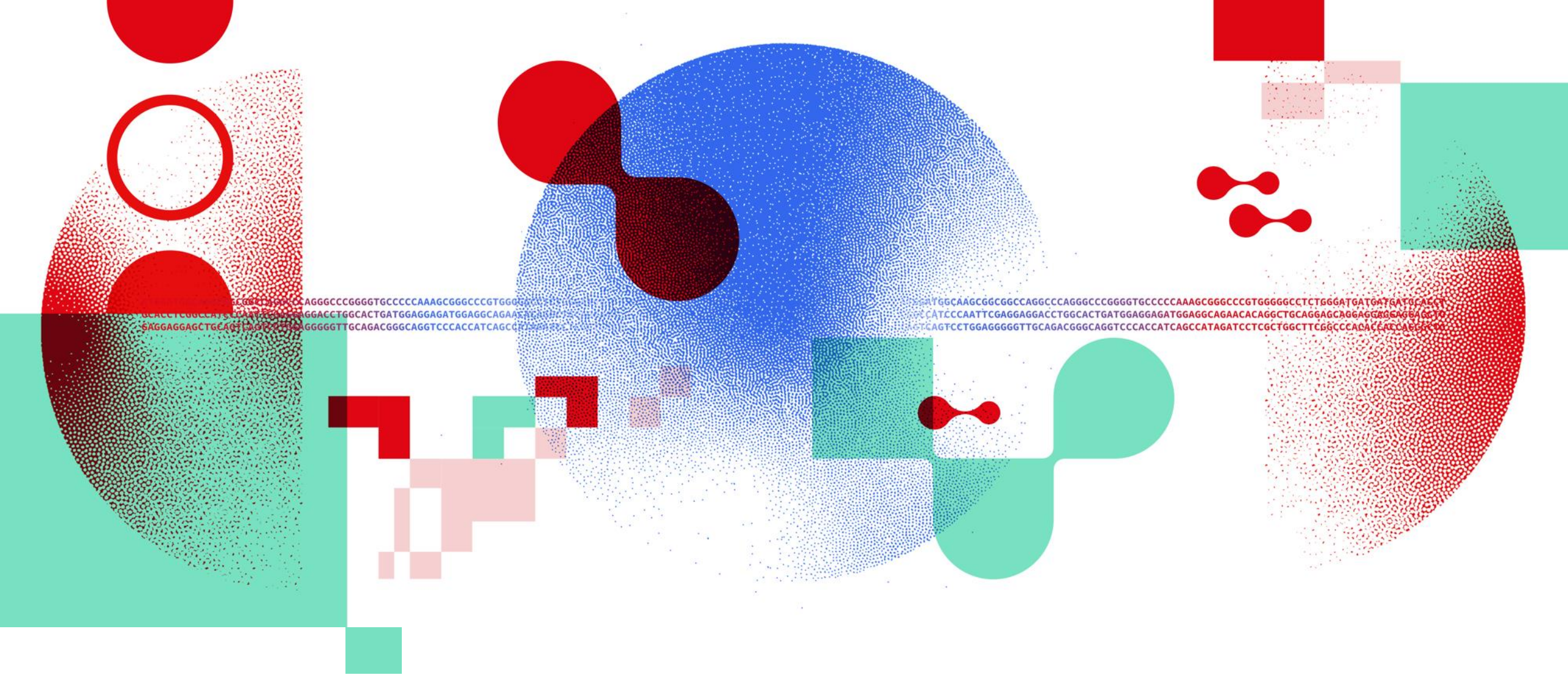
- ❖ `/home/jovyan/workdir` (read + write): Personal work directory. This is where you will work.
- ❖ `/data` (read-only): Shared data directory. This is where you can find input data.

Getting started

- » Go to the spreadsheet with [credential information](#)
- » Find your name and password, and click on the link for **practical_o**
- » Fill out the password
- » Open a terminal and cd into `/home/jovyan/workdir`
- » Clone the repository with:

```
git clone https://github.com/elixir-europe-training/ELIXIR-SCO-spatial-omics.git
```

- » Open the notebook associated with practical_o (in `day_1/practical_o/workdir/po_data_formats.ipynb`)
- » In the top left switch the kernel to po_data_formats



Thank you

DATA SCIENTISTS FOR LIFE

sib.swiss