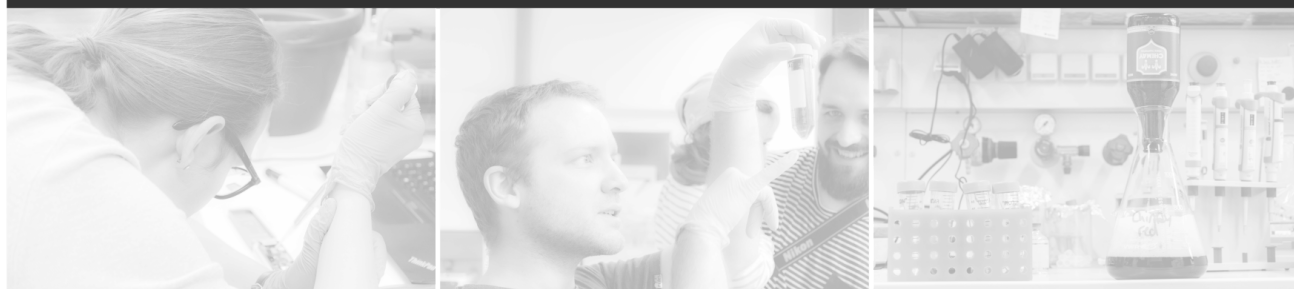


An immersion into biology, bioinformatics & sciences



Hands-on workshops for everyone, organized by scientists



Visit our website: streetscience.community

@ hello@streetscience.community





BEERDECODED

Purpose: Introduce biology and genomic science to the public to make life-science tangible & accessible

Outcome: Pupils and citizens aware about DNA, sequencing technologies, bioinformatics, open science and their applications and their impact on their daily life

Process: 1-2 days continuous (or divided over several days) practical workshop on beer decoding

HANDS-ON WORKSHOPS

Targets: pupils in high school (16 years old and older) and citizens with or without scientific background

Learning objectives: at the end of the workshop, participants will be able to:

- perform simple laboratory tasks
- give examples of microbes and their diverse roles
- explain what is cell and what it contains
- describe DNA as the building block for life
- give examples of DNA sequencing technologies
- apply a bioinformatics pipeline

Available pedagogical material

- online, free to use and reuse
- ready to use and modular protocols, with designated versions for teachers and pupil, and pedagogical games
- presentation material to introduce the topic, theoretical background for lab-work and bioinformatics, with simple vocabulary
- handbook to run a workshop independently (requirements, suggested timeline, etc)

3 ways to run a workshop

- at the university campus with us
- on site (e.g. at your school) with us
- self-organized using the material online

The Street Science Community

A group of scientists and teachers from various disciplines

Visit our website: streetscience.community

