

**UE 3.3. Technological skills for conducting a research project in Biology and Health Science**

**3 ECTS**

**Teaching unit shared by the following tracks:**

- Cellular, Integrative and Translational Neurosciences
- Diabetes and cardiovascular diseases
- Fundamental and clinical oncology, towards precision medicine
- Immunity, Inflammation et Infection

**EC13 – Preclinical imaging**

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The objective of the teaching is to give the basics in *in vivo* imaging to students to understand the interests and limits of the main modalities usable in preclinical models, in particular MRI and Positron Emission Tomography (PET), similarities and differences with Medical Imaging in human.

The aim of this course will be to answer any questions students may have, to give them the means to understand and criticize the preclinical articles including medical imaging and possibly to adapt or modify their imaging protocols of their works.