



What?

Tech'talks' purpose is to extensively present a technique used in a research project: general principle and technical details, problems that may be encountered, methodological development... and results obtained.

This **30-minute presentation** is followed by a **discussion** (around 30 minutes): questions, exchanges and advice.

Why?

To offer the opportunity to members of the Bordeaux Neurocampus to share their scientific expertise on cutting edge technologies, and encourage local collaborations!

By whom?

Tech'talks are organized by the PhD students of the Department council. **PhD students** in their last years, **Post-docs**, **Technicians** and **Engineers** are all invited to present their favorite techniques.

For whom?

All staff members of Bordeaux Neurocampus' units (IINS, IMN, INCIA, Neurocentre Magendie, NutriNeuro, SANPsy) are invited to attend to these presentations.

During the **2021 edition**, we had the pleasure to welcome:

- ★ **Ignacio Fernandez-Moncada** (Post-doc in Team Marsicano, Neurocentre Magendie) who spoke about "Real-time imaging of cellular processes with fluorescence biosensors"
- ★ **Virginia Puente** (Post-doc in Team Choquet, IINS) who introduced "FLIM-FRET Microscopy: Fundamentals, Advantages and Applications"
- ★ **Maddalena Balia** (Post-doc in Team Bettefeld, IMN) who presented "Multimodal single cell characterization using electrophysiology and single-cell transcriptomics (Patch-seq)"

If you missed one of these tech'talks, you can watch them in replay:

<https://www.bordeaux-neurocampus.fr/techtalks-in-replay/>

Need the **password**? Check the emails sent about tech'talks... or just ask Arnaud (arnaud.rodriquez@u-bordeaux.fr). Tech'talks are available for Bordeaux Neurocampus members only.

Few examples of key techniques:

- Whole Brain Imaging
- Animal Behavior
- Stereotaxic Surgeries and *In Vivo* Techniques
- Electrophysiology
- Microscopy
- Visualizing Nervous System Structure
- Visualizing Nervous System Function
- Identifying Genes and Proteins of Interest
- Molecular Cloning and Recombinant DNA Technology
- Gene Delivery Strategies
- Making and Using Transgenic Organisms
- Manipulating Endogenous Genes
- Cell Culture Techniques
- Biochemical Assays and Intracellular Signaling

Want to learn more about a specific technique?

Contact us and we will try to organize a Tech'Talk for you !

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Interested in presenting your favorite technique to the Bordeaux Neurocampus scientific community?

Please send us an email indicating the desired dates of presentation accompanied with title of the talk and abstract (~500words).