

**Job title:**  
**POSTDOCTORAL POSITION IN SYSTEMS NEUROSCIENCE**

The Brain & Sound Lab invites applications for a postdoctoral position.

Level of employment: 100%

Start date: Beginning of 2025.

Location: Basel University, Switzerland.

**Your position**

The project has the broad goal of better understanding the neuronal circuits for sensory processing, perception, and learning. It includes both experiments and data analysis. The successful candidate will have the opportunity to learn and apply several state-of-the-art systems neuroscience techniques such as in vivo extracellular recordings, functional 2P imaging, behavioral assays, optogenetics, in vivo patch-clamp recordings, viral neural tracing, or immunohistochemistry. The research questions will be chosen from a range of topics in auditory systems neuroscience.

**Your profile**

You are our new team member if you:

- have a background in neuroscience, physics, computer science, mathematics, biology, or engineering
- have a spirit of intellectual adventure as well as drive and eagerness
- can be creative and focused on a project at the same time
- have experience and interest in programming data analysis code
- run experiments methodically and are adept at troubleshooting and problem solving
- ambition to pursue a career in science
- enjoy working in a team and like to share ideas with colleagues
- are fluent in english.

**We offer you**

We offer attractive employment conditions in an intellectually stimulating environment and a scientifically and culturally rich city.

Our lab aims to understand the role of neural circuits in making sense of sounds. We use a systems neuroscience approach to explore the functions of neuronal circuits in the mouse central auditory system. For more information about our lab, please check [www.brainsoundlab.com](http://www.brainsoundlab.com).

**Application/Contact**

For further information or to apply, please send a letter of motivation, a statement of research interest, and your CV to Tania Rinaldi Barkat, [tania.barkat@unibas.ch](mailto:tania.barkat@unibas.ch).