Dataset : Dorsal Hippocampus and Basolateral amydala (BLA).
Gabrielle GIRARDEAU & Gyorgy BUZSAKI

This dataset took 3 years to collect and we are planning to perform additional analysis on it in the next few years. We therefore request that you contact Gabrielle Girardeau (gabrielle.girardeau@gmail.com) if you are planning to use this data in order to discuss projects and authorships.

Associated publication : G. Girardeau, I. Inema, G. Buzsaki. Sleep replay of emotional memory in the hippocampus-amygdala system. *Nature Neuroscience (accepted).*

In vivo recordings from 4 Long-Evans male rats using 4 and 8-shank Neuronexus probes in the dorsal hippocampus and BLA and neighbouring structures.

- The putative structures reconstructed from histology for each recording day and shank are shown in the document « MapSession.pdf ». Methods details can be found in the original publication.
- The recordings are organized per shank in the .xml file located in each recording session folder.
- Due to the size of the raw files, the data provided is already processed : LFP files are provided (1250Hz) as well as extracted and clustered spikes.
- The formats are optimized for the Neuroscope suite (http://neurosuite.sourceforge.net/)
- Some matlab variables and batch text files are provided. They were generated and can be used with various codes availables on the lab github (https://github.com/buzsakilab/papers/tree/master/ Ggirardeau-BLAHpcInteractions-Package) related to the initial publication listed above.