Guidelines

Related manuscript: A computational model of interactions between neuron and astrocyte networks: role of astrocytes on stability of the neuronal firing rate by Kerstin Lenk*, Eero Satuvuori*, Jules Lallouette, Antonio Ladrón-de-Guevara, Hugues Berry, Jari A. Hyttinen

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1. Run INEX

- Set parameters and paths in *Config_Neuron.m* and *Config_Astrocyte.m*
- Run *main.m*

2. Create neuronal and/or astrocytic networks

- Go to folder *Network used*
- Folders *ANN10*, *ANN20*, *ANN30* include the premade astrocyte networks (the number indicates the percentage of astrocytes)
- Folder *NN-250-30* includes the premade neuronal networks
- Using premade network: set path in *AstrocyteConfig.m* to folder *NN-250-30* and if you want to include an astrocyte network to folder *ANN10*, *ANN20* or *ANN30*
- Create new network: