

## Projects of Module 2

### Project 1:

Cellular simulation of the dopamine/BDNF-dependent modulation of the synaptic plasticity

(<https://www.abinep.ovgu.de/Module+2/Fellows/Babak+Khodaie.html>)

### Project 2:

Dopamine-dependent modulation of neuronal switches in the auditory cortex and the striatum

(<https://www.abinep.ovgu.de/Module+2/Fellows/Vivekanandhan+Viswanthan.html>)

### Project 3:

Modeling of dopamine-induced neuronal network activity/ "Learning conditional associations: rich temporal context and involvement of hippocampus / medial temporal lobe"

(<https://www.abinep.ovgu.de/Module+2/Fellows/Ehsan+Kakaei.html>)

### Project 4:

Simulation of behaviour-dependent network activity and dynamics on the basis of in vivo and in vitro recording

(<https://www.abinep.ovgu.de/Module+2/Fellows/Babak+Saber+Marouf.html>)

### Project 5:

Modulation of behaviour-related oscillations by interneuron networks

(<https://www.abinep.ovgu.de/Module+2/Fellows/Evangelia+Pollali.html>)



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