

BioN report: modular course «Cellular neuroscience and optical methods of registration of neuronal activity»,

Institution of Russian Academy of Sciences Institute of Higher Nervous Activity and Neurophysiology of RAS

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During modular course «Cellular neuroscience and optical methods of registration of neuronal activity» I attended the lectures dedicated to the optical methods of studying brain activity that can be divided into two big classes: mapping of internal signals and mapping using voltage-dependent and ion-sensitive dyes. A detailed analysis of optical mapping of the brain using different approaches was given during this course. The course was supplemented with appropriate practice.

This course was very useful and interesting for me. I will definitely apply this knowledge in my research studies.

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