

"Molecular tools to study neurodegeneration" is a workshop that will take place on september 19, aimed at students, researchers, and medical professionals. The main goal of this initiative is to promote the latest knowledge on neurodegenerative disorders and in particular on prion diseases.

The topic will be analyzed from various angles: basic molecular mechanisms of neurodegeneration; regulation of cerebral cortex development; functional genomics and gene expression profiling of models of neurodegeneration; recent developments in immunodiagnostics; computational models for therapeutic approaches. This workshop is organized by the Prion Biology Laboratory at SISSA within the framework of the European project Trans2care, FESR 2007-2013 for the cooperation between Italy and Slovenia. The goal of the project is to promote knowledge dissemination and technology transfer, favoring innovative practices and products that address unmet medical needs, such as the burden of neurodegenerative disorders on the healthcare system in the world ageing population.

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