Scientists at the Hebrew University are making similar advances in diseases as diverse as schizophrenia, depression, and Alzheimer's, and are starting to unravel the mechanisms underlying these illnesses. This complicated kind of research requires insights and research tools from across a large variety of brain science disciplines. The Center for Brain Sciences at the Hebrew University employs outstanding scientists from different disciplines, enables scientists to use the most advanced theoretical, physiological and behavioral research tools, and to cooperate easily and efficiently with each other. The collaborative scientific effort will enable researchers to make significant inroads into our understanding and treatment of neurological disorders in the foreseeable future.
New technologies in genetic engineering and drug development are rapidly progressing to implement this knowledge for early diagnosis and creative treatment strategies that take into consideration both the brain and the body.

**Meta-analysis of Alzheimer’s disease gene regulation**

New analysis of gene regulation may help in detecting the early events that occur in Alzheimer’s disease.

**Ha'aretz: Protalix’s anti-nerve gas protein could help treat Parkinson’s**

PRX-105, a variant of the protein acetylcholinesterase (AchE), was initially developed for several indications, including as a countermeasure to nerve gas exposure.

**Computational Neuroscience**

**Consciousness and Cognition**

**Movement Planning and Control**

**Sensation and Perception**

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**The Building**

The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.
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Source URL: https://elsc.huji.ac.il/content/neurological-disorders