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.

Lifespan maturation of the human brain
Properties of human brain tissue change across the lifespan. In a recent research, ELSC scientist model these changes in the living human brain by quantitative magnetic resonance imaging (MRI) measurements.

ELSC study finds key mechanism in calcium regulation
The finding is important element in road towards development of new drugs for neurodegenerative diseases.

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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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