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MEDIA KIT

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Brain Research Foundation Areas Of Study

In 2008-2009, the Brain Research Foundation awarded over \$1 million to 31 neuroscientists. BRF plays a critical role in the scientific process by funding seed grants that are the starting blocks to discovery. This allows scientists to prove the feasibility of their projects and produce data that will make them eligible for larger government and institutional funds.

Among the research we have funded over the last several years are investigations into:

- how the brain stores, recognizes and recalls the meaning of our sensory experiences
- treating the “silent seizures” that are involved in the progression of Alzheimer’s disease
- the causes for harsh maternal parenting
- determining the link between genetic factors, environmental factors and neuropsychiatric diseases
- a gene that may cause susceptibility to schizophrenia
- the impact of stress on depression and possible pharmacological treatments
- gene therapies for epileptic patients who are resistant to medical and surgical therapies
- understanding changes in the brain that cause susceptibility to nicotine addiction
- the genetic influences on aggression and anti-social behavior
- manipulating the immune system to destroy brain tumors
- the effect of sleep disruption on recovery from medical trauma
- understanding early symptoms in diagnosing Alzheimer’s and Parkinson’s diseases
- applying gene therapies to detect and treat pre-cancerous brain tumors
- identification of the abnormalities in the brain that cause autism