Grant-in-Aid for Scientific Research (B)
Agent: Japan Society for Promotion of Science
Period: 2016-2018
Title: Cognitive Deficits and Oxytocin Signaling in Parvalbumin Neurons in Schizophrenia
Role: Principal Investigator
Budget: $113,000

Grant-in-Aid for Scientific Research on Innovative Areas
Agent: Japan Society for Promotion of Science
Period: 2015-2016
Title: Neural Network Dysfunction in Schizophrenia and KCNS3 Deficits in Parvalbumin Neurons
Role: Principal Investigator
Budget: $89,000

Grant-in-Aid for Challenging Exploratory Research
Agent: Japan Society for Promotion of Science
Title: GABRA1 GABA Receptor Gene and Alterations in Cortical Inhibitory Neurons in Schizophrenia
Role: Principal Investigator
Budget: $27,000

Grant-in-Aid for Scientific Research (B)
Agent: Japan Society for Promotion of Science
Period: 2013-2015
Title: Kv9.3 Potassium Channel Subunit and Cortical Dysfunction in Schizophrenia
Role: Principal Investigator
Budget: $121,000

Grant-in-Aid for Scientific Research on Innovative Areas
Agent: Japan Society for Promotion of Science
Period: 2013-2014
Title: Survey of Altered Kv9.3 Potassium Channel Subunit Expression across Brain Regions in Subjects with Schizophrenia
Role: Principal Investigator
Budget: $52,000

**Research Grant**
Agent: Japan Schizophrenia Study Group
Period: 2013-2014
Title: Oscillation-based Analysis of Cortical Functional Connectivity in Schizophrenia
Role: Principal Investigator
Budget: $5,000

**Grant-in-Aid for Challenging Exploratory Research**
Agent: Japan Society for Promotion of Science
Period: 2012-2013
Title: Analysis of Basal Ganglia Neurons in Schizophrenia
Role: Principal Investigator
Budget: $28,000

**National Institute of Mental Health 5 R01 MH043784-24 (PI-David A. Lewis)**
Title: Cortical Excitatory-Inhibitory Balance in Schizophrenia
Role: Collaborator

**Research Grant**
Agent: Japan Schizophrenia Study Group
Period: 2011-2012
Title: Kv9.3 potassium channel subunit gene expression in the cerebral cortex of subjects with schizophrenia
Role: Principal Investigator
Budget: $5,000

**National Institute of Mental Health 5 R01 MH051234-17 (PI-David A. Lewis)**
Period: 4/1/2010 - 1/31/2015
Title: Developmental Trajectories in Prefrontal GABA Circuits
Role: Collaborator

**Research Grant**
Agent: Mitsubishi Pharma Research Foundation
Period: 2010-2011
Title: Molecular mechanism of parvalbumin-containing GABA neurons in the cortex of subjects with schizophrenia
Role: Principal Investigator
Budget: $10,000

Grant-in-Aid for Challenging Exploratory Research
Agent: Japan Society for Promotion of Science
Period: 2010-2011
Title: Cortical Functional Connectivity in Schizophrenia
Role: Principal Investigator
Budget: $29,000

Strategic Research Fund
Agent: Kanazawa University
Period: 2010
Title: Expression of functional molecules in cortical GABA neurons in the cerebral cortex of subjects with schizophrenia
Role: Principal Investigator
Budget: $5,600

Research Grant
Agent: Japan Schizophrenia Study Group
Period: 2009-2010
Title: GABA neuron subset-specific gene expression in the cortex of subjects with schizophrenia
Role: Principal Investigator
Budget: $5,000

Strategic Research Fund
Agent: Kanazawa University
Period: 2009
Title: Gene expression analysis of postmortem human brains for understating the pathophysiology of schizophrenia
Role: Principal Investigator
**Budget: $5,500**

**Best Research Award**
Agent: Japan Schizophrenia Study Group
Period: 2009
Title: GABA-related gene expression in multiple cortical areas in schizophrenia
Role: Principal Investigator
Budget: $15,000

**Grant-in-Aid for Host Researcher of Foreign Postdoctoral Fellow**
Agent: Japan Society for Promotion of Science
Period: 2009-2010
Title: Identification of affected cortical GABA neuron subsets in schizophrenia
Role: Principal Investigator
Budget: $20,000

**Grant-in-Aid for Scientific Research (B)**
Agent: Japan Society for Promotion of Science
Period: 2009-2011
Title: Molecular mechanism of altered cannabinoid signaling in the pathophysiology of schizophrenia
Role: Principal Investigator
Budget: $103,000

**Strategic Research Fund**
Agent: Kanazawa University
Period: 2008
Title: Neurotrophin receptor TrkB and the pathophysiology of schizophrenia
Role: Principal Investigator
Budget: $5,000

**Research Grant**
Agent: Japan Schizophrenia Study Group
Period: 2007-2008
Title: GABA-related gene expression in multiple cortical areas in schizophrenia
Role: Principal Investigator
Budget: $5,000

National Alliance for Research on Schizophrenia and Depression Young Investigator Awards
Title: Alterations in Cortical Inhibitory Circuitry in Schizophrenia: Regional Distribution and Compensatory Mechanisms
Role: Principal Investigator
Budget: $60,000

National Institute of Mental Health R37 MH043784-17 (PI-David A. Lewis)
Period: 2006-2011
Title: GABA Neurons and Cortical Circuitry in Schizophrenia
Role: Co-Investigator
Budget: $539,569

National Institute of Mental Health 5 R01 MH51234-10 (PI-David A. Lewis)
Period: 2005-2010
Title: Development of Prefrontal Inhibition and Schizophrenia
Role: Co-Investigator
Budget: $278,456

National Alliance for Research on Schizophrenia and Depression Young Investigator Awards
Title: Mechanisms of Altered Inhibitory Prefrontal Circuitry in Schizophrenia: Role of Brain-Derived Neurotrophic Factor
Role: Principal Investigator
Budget: $60,000

National Institute of Mental Health 5P50 MH45156-17 (PI-David A. Lewis)
Period: 2003-2008
Title: Cortical Circuitry and Cognition in Schizophrenia - Project 1
Role: Co-Investigator
Budget: $135,677