Concepts

Molecular Biology
Induced Pluripotency and Epigenetic Reprogramming
Konrad Hochedlinger and Rudolf Jaenisch

Cell Signaling
Cell Death Signaling
Douglas R. Green and Fabien Llambi

Perspectives

Molecular Biology
Meiotic Recombination: The Essence of Heredity
Neil Hunter

Cell Biology
Intracellular Scaling Mechanisms
Simone Reber and Nathan W. Goehring

Developmental Biology
The Systemic Control of Growth
Laura Boulan, Marco Milán, and Pierre Léopold
Control of Cell Survival in Adult Mammalian Neurogenesis
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Neurobiology
Memory Retrieval in Mice and Men
Aya Ben-Yakov, Yadin Dudai, and Mark R. Mayford
The Astrocyte: Powerhouse and Recycling Center
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Epilepsy and Adult Neurogenesis
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