Contents

TOPIC INTRODUCTIONS

In Vitro Investigation of Synaptic Plasticity 491
Therese Abrahamsson, Txomin Lalanne, Alanna J. Watt, and P. Jesper Sjöström
Cold Spring Harb Protoc; 2016; 10.1101/pdb.top087262

Strategies for Assaying Lysosomal Membrane Permeabilization 494
Urška Repnik, Maruša Hafner Česen, and Boris Turk
Cold Spring Harb Protoc; 2016; 10.1101/pdb.top077479

Multipurpose Transposon-Insertion Libraries in Yeast 499
Anuj Kumar
Cold Spring Harb Protoc; 2016; 10.1101/pdb.top080259

Intrinsic Optical Imaging of Functional Map Development in Mammalian Visual Cortex 503
Tobias Bonhoeffer and Mark Hübener
Cold Spring Harb Protoc; 2016; 10.1101/pdb.top089383

PROTOCOLS

Cell Cycle Synchronization of Schizosaccharomyces pombe by Centrifugal Elutriation of Small Cells 508
Iain M. Hagan, Agnes Grallert, and Viesturs Simanis
Cold Spring Harb Protoc; 2016; 10.1101/pdb.prot091231

Cell Cycle Synchronization of Schizosaccharomyces pombe by Lactose Gradient Centrifugation to Isolate Small Cells 516
Iain M. Hagan, Agnes Grallert, and Viesturs Simanis
Cold Spring Harb Protoc; 2016; 10.1101/pdb.prot091249

Analyzing Schizosaccharomyces pombe DNA Content by Flow Cytometry 520
Erik Boye, Silje Anda, Christiane Rothe, Trond Stokke, and Beáta Grallert
Cold Spring Harb Protoc; 2016; 10.1101/pdb.prot091280

CRISPR–Cas9 Genome Engineering in Saccharomyces cerevisiae Cells 525
Owen W. Ryan, Snigdha Poddar, and Jamie H.D. Cate
Cold Spring Harb Protoc; 2016; 10.1101/pdb.prot086827
Using Yeast Transposon-Insertion Libraries for Phenotypic Screening and Protein Localization
Anuj Kumar
_Cold Spring Harb Protoc_; 2016; 10.1101/pdb.prot085217

Exploratory Analysis of Biological Networks through Visualization, Clustering, and Functional Annotation in Cytoscape
Anastasia Baryshnikova
_Cold Spring Harb Protoc_; 2016; 10.1101/pdb.prot077644

Chromatin and Cell Wall Staining of _Schizosaccharomyces pombe_
Iain M. Hagan
_Cold Spring Harb Protoc_; 2016; 10.1101/pdb.prot091025

Staining Fission Yeast Filamentous Actin with Fluorescent Phalloidin Conjugates
Iain M. Hagan
_Cold Spring Harb Protoc_; 2016; 10.1101/pdb.prot091033

Studying Lysosomal Membrane Permeabilization by Analyzing the Release of Preloaded BSA–Gold Particles into the Cytosol
Urška Repnik, Maruša Hafner Česen, and Boris Turk
_Cold Spring Harb Protoc_; 2016; 10.1101/pdb.prot087122

Long-Term Potentiation by Theta-Burst Stimulation Using Extracellular Field Potential Recordings in Acute Hippocampal Slices
Therese Abrahamsson, Txomin Lalanne, Alanna J. Watt, and P. Jesper Sjöström
_Cold Spring Harb Protoc_; 2016; 10.1101/pdb.prot091298

Using Multiple Whole-Cell Recordings to Study Spike-Timing-Dependent Plasticity in Acute Neocortical Slices
Txomin Lalanne, Therese Abrahamsson, and P. Jesper Sjöström
_Cold Spring Harb Protoc_; 2016; 10.1101/pdb.prot091306

Cover Illustration: A 3D representation of recorded neurons filled with Alexa 594 (see doi: 10.1101/pdb.prot091306). In this issue, Jesper Sjöström and colleagues present methods for exploring synaptic plasticity. Image acquired by Txomin Lalanne, Sjöström Laboratory.

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