



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	534
Anuj Kumar	
<i>Cold Spring Harb Protoc</i> ; 2016; 10.1101/pdb.prot085217	
Exploratory Analysis of Biological Networks through Visualization, Clustering, and Functional Annotation in Cytoscape	541
Anastasia Baryshnikova	
<i>Cold Spring Harb Protoc</i> ; 2016; 10.1101/pdb.prot077644	
Chromatin and Cell Wall Staining of <i>Schizosaccharomyces pombe</i>	549
Iain M. Hagan	
<i>Cold Spring Harb Protoc</i> ; 2016; 10.1101/pdb.prot091025	
Staining Fission Yeast Filamentous Actin with Fluorescent Phalloidin Conjugates	554
Iain M. Hagan	
<i>Cold Spring Harb Protoc</i> ; 2016; 10.1101/pdb.prot091033	
Studying Lysosomal Membrane Permeabilization by Analyzing the Release of Preloaded BSA–Gold Particles into the Cytosol	558
Urška Repnik, Maruša Hafner Česen, and Boris Turk	
<i>Cold Spring Harb Protoc</i> ; 2016; 10.1101/pdb.prot087122	
Long-Term Potentiation by Theta-Burst Stimulation Using Extracellular Field Potential Recordings in Acute Hippocampal Slices	564
Therese Abrahamsson, Txomin Lalanne, Alanna J. Watt, and P. Jesper Sjöström	
<i>Cold Spring Harb Protoc</i> ; 2016; 10.1101/pdb.prot091298	
Using Multiple Whole-Cell Recordings to Study Spike-Timing-Dependent Plasticity in Acute Neocortical Slices	573
Txomin Lalanne, Therese Abrahamsson, and P. Jesper Sjöström	
<i>Cold Spring Harb Protoc</i> ; 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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