C3: 3-dimensional Electron Microscopy

• C3-O-01 Three Dimensional Reconstruction of the Nervous System; Some Strategies and Applications on Neuroscience Researches
  Hyun-wook Kim¹, Kea Joo Lee² and Im Joo Rhyu¹. ¹Department of Anatomy, Korea University College of Medicine, ²Research Division, Korea Brain Research Institute ....................................................................................i67

• C3-O-02 Structure of 30-nm Chromatin Fiber Revealed by Cryo-Electron Microscopy
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• C3-O-03 Single Particle 3D Reconstruction of Eh V-ATPase by Zernike Phase Contrast Cryo-Electron Microscopy Equipped with a Direct Detector
  Kazuyoshi Murata¹, Takeshi Murata², Hiroshi Ueno¹ and Ryota Iino³. ¹National Institute for Physiological Sciences, ²Department Science, Chiba University, ³School of Engineering, The University of Tokyo, ⁴Okazaki Institute for Integrative Bioscience and Institute for Molecular Science ..........................................................................................i68

• C3-O-04 Functional Structures of Ion Channels in Lipid Environment
  Hideki Shigematsu¹,², Fred Sigworth² and Mikako Shirouzu¹. ¹RIKEN Center for Life Science Technologies, ²Yale University School of Medicine ........................................................................................................i68

C3-O-05 Electron Cryo-Tomography of Thermoplasma acidophilum with Volta Phase Plate
  Yoshiyuki Fukuda, Florian Beck, Radostin Danev, Istvan Nagy and Wolfgang Baumeister. Department of Molecular Structural Biology, Max-Planck Institute of Biochemistry....................................................................................i69