Abbondanza, Alice
Sex-related differences in nicotinic activation of NPY-expressing neurons in feeding and stress 42

Agber, John
Screening of phytoconstituents of Tetrapleura tetraptera and the effect of its dietary inclusion on expression of some neurodegeneration-related oxidative stress genes in Drosophila Melanogaster 43

Aleksic, Milan
The role of flexible ribosomal RNA expansion segments in recruitment of methionine aminopeptidase-like proteins to the ribosomal exit tunnel 44

Arriaga Saez, Iker
Cellular and structural characterization of VP1 and VP2 knockout mutants of AAV3B serotype and implications for AAV based gene therapy 45

Bayraktar, Gülberk
Investigation of the sodium-potassium pumps at the axon initial segment 46

Becker, Paul
Control of organelle biogenesis by the Lipin switch 47

Behr, Tiana
Short tau filaments are packaged into extracellular vesicles in Alzheimer's disease patient brain 48

Bernhard, Harald
Structural characterization of the nuclear cap binding complex of kinetoplastida 49

Briola, Giuseppina Rosaria
Understanding the PCNA-directed modulation of Pol delta rate of DNA synthesis using Cryo-EM 50

Capitanio, Cristina
Uncovering the ultrastructure of selective autophagy in mammalian cells 51

Daksh, Daksh
Cross-modality image registration using Unsupervised Deep Learning techniques 52

Dannersø, Josephine Karlsen Presenter: Hansen, Sean
Elucidating the structure of microdomains of the axon initial segment 53

De Felice, Sofia
Structural analysis of Pseudomonas aeruginosa SOS machinery components 54

Deguchi, Takahiro
Direct observation of motor protein stepping dynamics in living cells using MINFLUX nanoscopy 55

Diepenhorst, Natalie
CryoEM to enable drug discovery at orphan G protein-coupled receptor GPR88 56

Dobbs, Joe
Towards visual proteomics of gene expression in a minimal bacterium 57

Dudka, Wioleta
Elucidating the origin and consequence of cellular lipid droplets structural diversification 58

Dutta Chowdhury, Unmesh
The effect of Tau Fibrils on the Lipid Bilayers: from the Model Membrane to the Neuronal Membrane 59

Ekemezie, Chinenye
Redefining the species specificity of ribosomal drug-binding sites 60

Foster, Bronwen
Electron cryo-tomography of human iPSC-derived neurons to study structural changes in Alzheimer's disease 61

Fung, Herman
Genetically encoded multimeric tags for protein localisation in cellular cryo-electron tomography 62

Garg, Priyanka
Functional and structural characterisation of DNA-protein interactions of DNA binding protein(MsDps2) from Mycobacterium Smegmatis 63

Girois, Loïc
Towards molecular architecture of the tcp DNA transfer machinery 64

Greiwe, Julia
Towards the structural understanding of eukaryotic DNA replication origin activation 65

Hernandez Gonzalez, Miguel
Electron cryo-tomography of vaccinia-infected cells 66

Hoffmann, Patrick Presenter: Kreysing, Jan Philipp
Structure of the eukaryotic ribosome and its translational states in situ 67

Houghton, Francesca Presenter: Mcdonald, Neil
Visualising GDNF-GFRa1 synaptic adhesion complexes and their regulated disassembly 68

Hussain, Nazia
Structural insights into pore dynamics of human Pannexin isoforms 69

Ibrahim, Bashar
Multi-scale stochastic organization-oriented coarse-graining exemplified on the human mitotic checkpoint 70

Isbilir, Buse
Structural basis for directed propagation of conjugative transposons and their antibiotic resistance cargo 71

Islam, Zeyaul
Structure determination of α-synuclein crystals grown in mammalian cells using cryo-FIB and microED 72

Iyer, Mukthi
Dynamics, structure and function of nuclear Actin-Cofilin rods during cellular stress response. 73

Kezar, Andreja
Structural biology of plant (poty)viruses 74

Khavnekar, Sagar
Towards the Molecular Atlas of C. reinhardtii using high-throughput collaborative in situ cryo-ET 75

Klumpe, Sven
Revisiting visual proteomics by cryo-electron tomography of cryo-FIB lamellae 76

Lycas, Matthew
Visualizing the ultrastructure of the dopaminergic synapse using cryo-CLEM and cryo-ET 77

Mackmull, Marie-Therese Presenter: de Souza, Natalie
Global in situ analysis of the structural proteome in individuals with Parkinson's disease to identify a new class of biomarker 78

Mahadevan, Jyothi Presenter: Rudolph, Johannes
Dynamics of endogenous PARP1 and PARP2 during DNA damage revealed by live-cell single-molecule imaging 79

Mesa, Pablo Presenter: Montoya, Guillermo
Structure of the RAF1-HSP90-CDC37 complex reveals the basis of RAF1 regulation 80

Mojiri, Soheil
Cryo Correlative Single Molecule Localization Microscopy: Laser-generated heat transfer simulation in frozen EM grids with different support coating materials and microscopy immersion mediums 81

Nathanail, Evangelia
Regulating mitochondrial form: structure-to-function studies of MICOS as insight into cristae junction formation 82

Passera, Alessandro
Multiplexed fluorogenic DNA-PAINT for MINFLUX nanoscopy 83

Rau, Alexander
Modelling of novel protein-protein interactions identified by crosslinking mass spectrometry 84

Roganowicz, Karolina
In situ Architecture of Intracellular Bacterial Communities in Urinary Tract Infections 85

Ruwolt, Max
Methodological advances in cross-linking mass spectrometry increase detection sensitivity and quantification accuracy for large-scale interactomics studies 86

Sachweh, Jenny
Origin of Nuclear Pore Complex asymmetry across the nuclear envelope 87

Salo, Veijo
Elucidating the nanoscale architecture of ER-LD contact sites via cryo-correlative light and electron tomography 88

Schaefer, Simon
In situ Analysis of Poxvirus early Transcription 89

Sheng, Yuewen
A novel CryoEM sample preparation method utilizing picolitre volume dispensing technology and graphene grids 90

Siggel, Marc
Towards integrative modelling and simulation of complex membrane structures derived from cryo-electron tomography 91

Skalidis, Ioannis
AI-guided cryo-EM probes a thermophilic cell-free system with succinyl-coA manufacturing capability 92

Smeets, Marit Presenter: Daviran, Deniz
Improving cryo-electron tomography data quality and throughput by streamlining the workflow 93

Soriano Jerez, Eva Maria
In-situ organisation of microtubule fasciculation by TRIM46 94

Spindler, Marie-Christin
Visualizing the structural basis of stress-induced cell reorganization in yeast 95

Stojanovska, Frosina
Structural and spatial 3D cell model of a genome-reduced bacterium emanated from in situ cryo-ET 96

Taniguchi, Reiya
Cryo-ET analysis of nuclear pore complex from mouse embryonic stem cells 97

Tararbeih, Tareq
Ribosomal stalling by short peptides targeting conserved sites in the ribosome: a new class of novel ribosomal antibodies. 98

Tollervey, Fergus
Architectural Development of the C. elegans Centrosome as Visualised by Cryo-Electron Tomography 99

Trebichalská, Zuzana
In-situ cryo-electron tomography of Enterovirus replication 100

Tueting, Christian
Proteomics as a tool for AI-guided cryo-EM density interpretation in yeast native cell extracts 101

Wang, Renjing
Cryo-EM structure of NLRP3 bound to inhibitor mcc950 enabled by leveraging multiprong structural biophysical strategy 102

Watson, Helena
In situ structural investigation of bacterial antiviral defence systems 103

Wu, Yu-Le
Maximum-likelihood model fitting for quantitative analysis of SMLM data 104

Yadav, Vaishali
Decrypting the interaction pattern of piperlongumine with calf thymus DNA and dodecamer d(CGCGAATTCGCG)2B-DNA: spectroscopy, electron microscopy and molecular docking analysis 105

Zabeo, Davide
The Electron Bio-Imaging Centre (eBIC) 106

Zhang, Xiaojie
Molecular mechanisms of stress-induced reactivation in mumps virus condensates 107

Zimmerli, Christian
Nuclear pores dilate and constrict in cellulo 108

Zimmermann, Liv
Cryo-electron tomography of SARS-CoV-2 replication and assembly sites reconstituted in cells 109

Zimmermann, Michael
Microfluidic sample preparation for Electron Microscopy 110