

1. **Jiří Bejček**, *Design and evaluation of RNA-dependent RNA polymerase inhibitors of Severe acute respiratory syndrome coronavirus-2* (Student)
2. **Daniel Berdár**, *Structural variability of base pairs in DNA* (Student, CIISB)
3. **Andrej Bitala**, *Immunoprecipitation pull-down assay revealed binding between human CD160 and viral UL144* (Student)
4. **Tomas Brom**, *Critical interactions of neuronal transcription factor REST with stabilizer TRF2* (Student)
5. **Tatsiana Charnavets**, *Biophysical research facilities at Centre of molecular structure* (CIISB)
6. **Radek Crha**, *Changes of the transient secondary structure motifs within Tau protein induced by its phosphorylation* (Student, CIISB)
7. **Arun Dhillon**, *Understanding the structural basis of interaction between adenovirus 5 type C and host receptors in viral entry and immune defence*
8. **Christos Feidakis**, *AHOJ: Rapid, tailored search and retrieval of apo and holo protein structures* (Student)
9. **Eva Fujdiarová**, *Detailed analysis of binding sites in the PLL family* (CIISB)
10. **Norbert Gašparik**, *¹⁹F labelling of disordered and hybrid proteins for ¹⁹F NMR spectroscopy* (Student, CIISB)
11. **Karolína Honzejková**, *Thioredoxin inhibits ASK1 by keeping it in reduced state* (Student)
12. **Josef Houser**, *Methods for characterization of biomolecules at BIC Core Facility, CEITEC MU* (CIISB)
13. **Patrícia Hrašnová**, *Structural and Biophysical Aspects of Lactoferrin and Its Interaction with Plasminogen* (Student)
14. **Jakub Hrubý**, *Ni-Replacement in Zn-Dependent S1 Nuclease* (Student, CIISB)
15. **Blanka Hušťáková**, *Biochemical characterization of S1-P1 nuclease from human opportunistic pathogen *Stenotrophomonas maltophilia** (Student, CIISB)
16. **Andrea Hušková**, *Structural architecture of NEIL3 glycosylase in abasic site DNA repair* (Student)
17. **Klára Kohoutová**, *Modulating FOXO3 Transcriptional Activity by Small, DBD-binding Molecules* (Student)
18. **Eliška Koutná**, *Conservation of H3K36 di- and trimethylated nucleosome recognition by PWWP* (Student)
19. **Kateřina Krejčová**, *Non-Nucleotide RNA-Dependent RNA Polymerase Inhibitors That Block SARS-CoV-2 and Flaviviral Replication* (Student)
20. **Gytis Kučinskas**, *Structure of recombinant Tau40 protein fibrils prepared without enhancers of fibrilization* (Student)
21. **Barbora Landová**, *Structural studies of MutM and abasic site interstrand crosslink* (Student)
22. **Kateřina Linhartová**, *Recognition of RNA Polymerase II C-terminal domain by RPRD2* (Student)
23. **Yingliang Liu**, *Effect of a LOV Protein Matrix on Flavin Photocycle Probed by Transient Resonance Raman Spectroscopy and Theoretical Calculations*
24. **Olga Matsarskaia**, *SARS-CoV-2 and more: how neutron provide insights into biological questions*
25. **Alexandra Náplavová**, *Multiple approaches for protein phosphorylation: a story of 14-3-3* (Student)
26. **Stefana Njemoga**, *Multiapproach docking study for binding of intrinsically disordered tau peptides to monoclonal antibodies* (Student)
27. **Zora Nováková**, *Prostate cancer: development of PSMA-directed antibody-based molecules intended for immunotherapy*
28. **Kateřina Orsághová**, *Immunomodulatory cathepsin B from the house dust mite *Dermaphagoides farinae*: Functional and structural characterization* (Student)

29. **Peter Pajtinka**, *Synergistic antimicrobial activity of magainin 2 and PGLa revisited* (Student, CIISB)
30. **Jiří Pavlíček**, *New Instrumentation Available in Centre of Molecular Structure*
31. **Olívia Petrválská**, *14-3-3 directly interacts with the kinase domain of CaMKK1 and inhibits calmodulin binding*
32. **Pavel Pohl**, *14-3-3-protein regulates Nedd4-2 by modulating interactions between HECT and WW domains* (Student)
33. **Andreas Santamaria**, *Strikingly different roles of SARS-CoV-2 fusion peptides uncovered by neutron scattering* (Student)
34. **Věra Schrenková**, *Raman Optical Activity of Nucleotides – Theoretical and Experimental Study* (Student)
35. **Tereza Skálová**, *Crystal structure of human natural killer cell receptor NKp30 in complex with its tumor ligand B7-H6* (CIISB)
36. **Simona Slušná**, *Mechanism of aggregation of tau protein forms associated with Alzheimer's disease and influence of the local structural motif on tau functions* (Student)
37. **Anna Sobotková**, *Visualization of phage propagation in a staphylococcus aureus biofilm* (Student)
38. **Vojtěch Spiwok**, *Metadynamics Driven by AlphaFold Output*
39. **Jan Stránský**, *CF Diffraction Techniques in Centre of Molecular Structure: Employing high-end X-ray technologies for laboratory structural biology* (CIISB)
40. **Hagen Sülzen**, *To each their own: Overcoming challenges in structural characterisation of closely related protein-protein complexes using single particle cryo-EM* (Student)
41. **Jan Šimek**, *To homodimerize or to heterodimerize: story of 14-3-3 protein dimer formation* (Student, CIISB)
42. **Petr Škvára**, *Viral capsids as tools for structural biology* (Student)
43. **Karolína Špeldová**, *Searching for the specific inhibitor of S1-P1 nuclease using fragment screening* (Student, CIISB)
44. **Leona Švecová**, *Fragment-based characterization of substrate for novel FAD-dependent oxidoreductase from Chaetomium thermophilum* (Student, CIISB)
45. **Lucie Valentová**, *A hunting strategy and virion structure of P. aeruginosa bacteriophage JBD30 revealed by cryo-electron microscopy* (Student, CIISB)
46. **Martina Zánová**, *Cryo-EM refinement and model building of protein-RNA complexes* (Student)