

POSTER INDEX

- P01** (FURTHER) DEVELOPMENT OF LEAD STRUCTURES FOR THE INHIBITION OF THE CLASS-II-CHAPERONE IPGC IN SHIGELLA
- P02** APPLICATION OF ADVANCED CRYSTALLIZATION TECHNIQUES ON NAUGHTY PROTEINS AND THEIR COMPLEXES
- P03** ARABIDOPSIS THALIANA ALDO-KETO-REDUCTASES 4C (AKR4C): A MOSTLY UNCHARACTERIZED FAMILY OF PROTEINS EXPRESSED, PURIFIED AND SUCCESSFULLY CRYSTALLIZED THANKS TO THE SUMO TAG SYSTEM
- P04** ARSENITE OXIDASE INTERACTION WITH SUBSTRATES AND PARTNERS: A STRUCTURAL AND BIOPHYSICAL CHARACTERIZATION
- P05** ASSAY DEVELOPMENT FOR JAK2 INHIBITOR SCREENING AND IDENTIFICATION OF ALLOSTERIC INHIBITORS
- P06** BIOPHYSICAL AND STRUCTURAL CHARACTERIZATION OF HR1-HR2 INTERACTION OF THE SARS-COV-2 SPIKE PROTEIN USING MIMETIC RECOMBINANT CONSTRUCTS
- P07** CATALYTIC PROCESS OF ANHYDRO-N-ACETYLMURAMIC ACID KINASE (ANMK) FROM PSEUDOMONAS AERUGINOSA
- P08** CATHEPSIN PROTEASES FROM *SCHISTOSOMA MANSONI* PARASITE AS DRUG TARGET
- P09** CHALLENGES IN THE CRYSTALLIZATION PROCESS OF TWO ACIDIC FUNGAL UNSPECIFIC PEROXYGENASES
- P10** CHARACTERIZATION OF FRAGILE X MESSENGER RIBONUCLEOPROTEIN 1, A PROTEIN INVOLVED IN FRAGILE X SYNDROME, AND ITS PATHOLOGICAL MUTANTS
- P11** COMBINING X-RAY CRYO-CRYSTALLOGRAPHY AND IN CRYSTALLO MICROSPECTROPHOTOMETRY TO STUDY LIGHT-ACTIVATION IN A B12-DEPENDENT PHOTORECEPTOR
- P12** CROSS-LINKED PROTEIN CRYSTALS DOPED WITH METAL NANOPARTICLES AS SUSTAINED ANTIBACTERIAL
- P13** CRYSTAL BASED LEAD IDENTIFICATION BY FAST FRAGMENT AND COMPOUND SCREENING AT THE SWISS LIGHT SOURCE
- P14** CRYSTAL STRUCTURE OF SMOLSTATIN – PROTEASE INHIBITOR FROM THE MYXOZOAN PARASITE SPHAEROSPORA MOLNARI
- P15** CRYSTALLIZATION OF CANCER-RELATED DRUG TARGET CARBONIC ANHYDRASE IX WITH SULFONAMIDE-BASED INHIBITOR
- P16** CRYSTALLIZATION OF METAL-DNA-BASED NANOMATERIALS
- P17** DETECTION OF SEMIQUINONES IN FERULIC ACID DECARBOXYLASE
- P18** DISCOVERY OF ALLOSTERIC JAK2 INHIBITORS

International School on Biological Crystallization

POSTER INDEX

- P20** EU3+ AND TB3+DOPED APATITE NANOPARTICLES PREPARED BY HYDROTHERMAL TRANSFORMATION OF OYSTER SHELLS CALCIUM CARBONATE. SOLID-STATE, LUMINESCENCE, AND IN VITRO BIOLOGICAL CHARACTERIZATION
- P21** HYDROTHERMALLY SYNTHESIZED CALCIUM PHOSPHATE MICRO-NANOPARTICLES FROM EGGSHELL CALCITE FOR BIOMEDICAL APPLICATIONS
- P22** INVESTIGATING THE CONFORMATIONAL FLEXIBILITY OF THE GP41 HYDROPHOBIC POCKET THROUGH CRYSTALLOGRAPHY AND MOLECULAR DYNAMICS SIMULATIONS
- P23** INVESTIGATION OF PROTEINACEOUS INHIBITION OF M. TUBERCULOSIS DUTPASE
- P24** LIPOLYTIC SYSTEM OF THE HARD TICK IXODES RICINUS
- P25** MICROORGANISMS TRANSPORTED IN SAHARAN DUST PLUMES AND DEPOSITED BY RED RAIN IN GRANADA (SOUTHERN SPAIN)
- P26** MOLECULAR BASIS OF PATHOGENIC JAK2 ACTIVATION IN MYELOPROLIFERATIVE NEOPLASMS
- P27** MOLECULAR ROTORS TO PROBE INTERMOLECULAR PROTEIN INTERACTIONS
- P28** MOLECULAR, BIOCHEMICAL AND STRUCTURAL CHARACTERIZATION OF SECRETED FERRITIN II FROM IXODES RICINUS
- P29** NANOCRYSTALLINE APATITES DOPED WITH TRANSITION METALS OBTAINED BY HYDROTHERMAL TRANSFORMATION OF OYSTER SHELL WASTE
- P30** NOVEL α -KETOAMIDE INHIBITORS TARGETING FIBROBLAST ACTIVATION PROTEIN
- P31** OPTIMIZING AND CHARACTERIZING PBP2A AND NQO1 MICROCRYSTALS FOR PROTEIN DYNAMICS STUDIES BY TIME-RESOLVED SERIAL CRYSTALLOGRAPHY EXPERIMENTS
- P32** ROOM-TEMPERATURE DATA COLLECTION AT SYNCHROTRON: HOW TO USE PROTEIN CRYSTALS TO UNLOCK HIDDEN CONFORMATIONAL LANDSCAPE
- P33** STRUCTURAL AND DYNAMIC INSIGHTS INTO FASCIN IN THE DEVELOPMENT OF NOVEL ANTI-METASTATIC DRUGS: X-RAY CRYSTALLOGRAPHY AND XFEL STUDIES
- P34** STRUCTURAL AND FUNCTIONAL CHARACTERIZATION OF THE GAG POLYPROTEIN OF FELINE IMMUNODEFICIENCY VIRUS
- P35** STRUCTURAL AND FUNCTIONAL CHARACTERIZATION PROTEINS INVOLVED IN SIDEROPHORE MEDIATED IRON UPTAKE IN *ERWINIA AMYLOVORA*
- P36** STRUCTURAL BASIS FOR CLINICAL STAGE INHIBITOR BINDING TO JAK2
- P37** STRUCTURAL BIOCHEMISTRY OF A BACTERIAL COLLAGENASE FROM CYTOPHAGA
- P38** STRUCTURAL CHARACTERIZATION OF CARBONIC ANHYDRASE COMPLEXES WITH DUAL-TARGET INHIBITORS

International School on Biological Crystallization

POSTER INDEX

- P39** STRUCTURAL CHARACTERIZATION OF THE MODULAR PROTEIN SPR1875 FROM *S. PNEUMONIAE*
- P40** STRUCTURAL DETERMINANTS BEHIND THE IMPROVED THERMOSTABILITY OF A DYP-TYPE PEROXIDASE VARIANT OBTAINED BY COMPUTATIONAL METHODS
- P41** STRUCTURAL STUDIES OF BACTERIAL PHA SYNTHASES
- P42** SSSTRUCTURE-DRIVEN CHANGES IN THE BEHAVIOR OF ABA RECEPTORS INSIDE AND OUTSIDE OF THE CRYSTAL
- P43** SULFIDE:QUINONE OXIDOREDUCTASE (SQR): A POTENTIAL TARGET TO IMPAIR THE H₂S-MEDIATED ANTIBIOTIC RESISTANCE IN *PSEUDOMONAS AERUGINOSA*
- P44** THE ANTI-INFLUENZA EFFECT OF FLAVONOIDS
- P45** THE CRYSTALLIZATION OF ZEBRAFISH DUTPASE WITH ITS INTERACTION PARTNERS
- P46** THE MECHANISM OF THE SORC PROTEIN FAMILY REVEALED
- P47** UNRAVELLING THE FUNCTION OF A NEW PROTEIN MODIFICATION ENZYME
- P48** STRUCTURAL STUDIES OF HUMAN TRANSFERRIN FOR ITS POTENTIAL APPLICATION AS A DRUG DELIVERY SYSTEM
- P49** OPTIMIZED PROTEIN PURIFICATION AND CRYSTALLIZATION OF PHOTOSYSTEM LL