

I° Conference on Crystallography, Structural Chemistry and Biosystems

Monday 04 October 2021

ePoster session: X-ray approaches (18:15-19:00)

-Conveners: Francesco Bellia

time	[id] title	presenter
18:15	[43] X-ray multilevel investigation of collagen in tissue engineering and pathology	Dr TERZI, Alberta
18:20	[46] Wide Angle and Small Angle X-ray Scattering for the structural characterization of fibers	Dr SIBILLANO, Teresa
18:25	[42] Molecular Replacement, new procedures and applications	Dr CASCARANO, Giovanni Luca
18:30	[37] Structural characterization of halide perovskites by X-ray measurements and advanced analysis	Dr CALIANDRO, Rocco
18:35	[1] The Structure of the Pro-domain of Mouse proNGF in Contact with the NGF Domain	Dr LAMBA, Dorianio
18:40	[36] SUNBIM: a package for X-ray imaging of nano- and biomaterials using SAXS, WAXS, GISAXS and GIWAXS techniques	Dr SIBILLANO, Teresa
18:45	[39] Crystallographic investigation on whole anti-CD20 mAb	Dr CARROZZINI, Benedetta
18:50	[51] Single-crystal synchrotron X-ray diffraction study of new anthracene derivative compounds	Dr ALTAMURA, Davide

Tuesday 05 October 2021

ePoster session: Life Science (14:00-15:00)

-Conveners: Francesco Bellia

time	[id] title	presenter
14:00	[54] VEGF bioactive fragments and their copper (II) complexes in angiogenesis	Dr ZIMBONE, Stefania Prof. RIZZARELLI, Enrico
14:05	[38] Closing or opening proteasome doors by porphyrins.	Dr SANTORO, Anna Maria
14:10	[57] Hyaluronan-carnosine conjugates inhibit Amyloid- β aggregation and toxicity	Dr BELLIA, Francesco
14:15	[52] Intrinsically disordered proteins (IDP) and metal ions: the case of amylin (HiAPP)	Dr MAGRÌ, Antonio Dr RIZZARELLI, Enrico
14:20	[56] Antioxidant properties of Hyaluronate–Carnosine bioconjugates and their copper(II) complexes	Dr BOCCHIERI, Eleonora
14:25	[44] Structural determinants of quorum sensing specificity vs promiscuity	Dr COVACEUSZACH, Sonia
14:30	[41] A painful dance between Insulin degrading enzyme and two substrates: Insulin and OFQ/N	Dr AHMED, Iklas Mohamed Mohamud
14:35	[75] A re-investigation of copper coordination mode in the N-terminal 1-14 fragment of human Ctr1 protein.	Dr ATTANASIO, Francesco
14:40	[76] Cyclic synthetic peptide mimicking NGF enhances PC12 differentiation and BDNF/VEGF expression	Dr NALETOVA, Irina

ePoster session: Software and Tools (18:40-19:00)

-Conveners: Francesco Bellia

time	[id] title	presenter
18:40	[48] Ceftazidime and other cephalosporins inhibit bacterial NAD biosynthesis by targeting NadD enzymes. Implication for the treatment of chronic infections.	Dr PESARESI, Alessandro
18:45	[40] Geant4, a Monte-Carlo simulation tool for nuclear medicine and molecular radiotherapy	Dr MAZZONE, Annamaria
18:50	[47] ICT methods and tools for health	Dr CLEMENTE, Fabrizio