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	ISOBC1001 Tuesday
	Wednesday

Program Overview

Day	Time	Program
Tuesday	8:00	Reception beginning (Conference Hall)
	9:00 - 10:30	Opening Ceremony
	10:30 - 11:00	Break time
	11:00 – 12:20	Invited and Oral presentation
	12:15-13:15	Poster presentation
	13:15-14:15	Prayer & lunch
	14:15-15:15	Poster presentation
	12:10-15:10	Workshop
	15:15-16:25	Invited and Oral presentation
	16:25-16:40	Break time
	16:40-18:30	Invited and Oral presentation
18:30-19:30	Meeting	
Wednesday	08:30-10:20	Invited and Oral presentation
	10:20 – 10:40	Break time
	10:40 – 12:10	Invited and Oral presentation
	12:15-13:15	Poster presentation
	13:15-14:15	Prayer & lunch
	14:15-15:15	Poster presentation
	12:10-15:10	Workshop
	15:15-16:15	Invited and Oral presentation
	16:15-16:40	Break time
	16:40-17:40	Invited and Oral presentation

Tuesday



Poster presentation

Session 1

Evening

Hall 1. 12:15-13:15

No.	Presenter	Title	ID
001	Negin Dehestani - Saman Hosseinkhani - Farangis Ataei	Expression, and purification of galactose dehydrogenase (Gal DH) in E. coli BL21(DE3)	ISOBC1174
002	Mostafa Nikbakht Ardalani - Narges Nazari Aliabadi - S. Shirin Shahangian - Mahmoudreza Aghamaali	Identification and comparison of two isoforms of the chaperone LEAp group 1 from dormant encysted Artemia urmiana embryos	ISOBC1148
003	Mona Nourazaran - Reza Yousefi - Ali A. Moosavi- Movahedi	Investigating the anti-aggregation effect of melatonin on proteins	ISOBC1198
004	Ms. Mahboubeh Derakhshan-Raad - Mr. S. Mohsen Asghari - Mr. Saeed Aminzadeh - Mr. Reza H. Sajedi	Designing SUMO-endostatin fusion peptide to improve expression in Escherichia coli	ISOBC1208

005	Fatemeh Mojahedian - Saman Hosseinkhani - Farangis Ataei	Expression and purification of recombinant isocitrate dehydrogenase enzyme in E.coli BL21(DE3)	ISOBC1181
006	Arman Bashiri Kasmaei - Bahram Ghalami-Choobar - Mohaddeseh Habibzadeh Mashatooki	Metformin self-aggregation in aqueous solution, molecular dynamics insight	ISOBC1017
007	Yekta Sanei	Production of recombinant Caspase-9 protein bound to the Cluc-Doman split luciferase in <i>E. coli</i> bacteria	ISOBC1186
008	Hamideh Amirmojahedi - Seyed Abdolhamid Angaji - Hossein Ghafouri - Javad Hamedi - Mahdi Moshtaghi Nikoo - Sajjad Sarikhan	A new thermotolerant and inhibitor-resistant nitrile hydratase from <i>Streptomyces iranensis</i>	ISOBC1097
009	Hamideh Amirmojahedi - Seyed Abdolhamid Angaji - Hossein Ghafouri - Javad Hamedi - Sajjad Sarikhan	Increased soluble expression of nitrile hydratase from <i>Streptomyces iranensis</i> , cloned as separate subunits and co-expressed with bacterial chaperones	ISOBC1099
010	Shirin Sarmasti - Jamshid Fooladi - Seyyed abolghasem Ghadami	Effect of pH on the activity of crude extract of alkaline protease enzyme	ISOBC1084
011	Mansoureh Mirza Agha - Sadegh Hasannia - Bahareh Dabirmanesh	Expression and Purification of a structure comprising VEGF-derived dipeptide and Hydroxyapatite binding domain	ISOBC1002

012	Danial Hashemi Karoii - Hossein Azizi	POU5F1 protein expression analysis in the differentiation of spermatogonia stem cells into neurons by immunohistochemistry and in-silico analysis	ISOBC1003
013	Behnaz Mirzaei Behbahani - Atiyeh Ghasemi - Ali Akbar Meratan - Nasser Nikfarjam	Green tea polyphenols-based nanoparticles inhibit amyloid fibril assembly and cytotoxicity of human insulin	ISOBC1022
014	Zeinab Meshkin ghalam - Hossein Ghafouri - Sevda Zarei - Reyhaneh Sariri	To study the effect of a kuromanin combination on BAX gene expression in MCF-7 cells	ISOBC1139
015	Amir Hekmat - Nasser Towhidi - Azadeh Hekmat	Investigation of the silver nanoparticles and DNA interaction with different coatings and selecting the best coating by AHP method	ISOBC1176
016	Azadeh Hekmat - Luciano Saso - Viney Lather - Deepti Pandita - Ali Akbar Saboury	Interaction of Group-XIV Elements of Periodic Table with Biomacromolecules and their Effects on Breast Cancer Cells	ISOBC1102
017	Atoosa Adib - Ali Khatibi	Investigating the effect of potassium sorbate preservative used in food industry on the kinetic parameters of glycated carbonic anhydrase II enzyme	ISOBC1223
018	Edris Mehmandoost Du - Mojtaba Hedayati Ch - Mostafa Golshekan - Ali Mojtahedi - Mohammadreza Mobayen	Synthesis MCM-41@SO ₃ H-Polymixin B nano-composite: Extraction and determination of LPS from aqueous solutions using Taguchi fractional factorial design	ISOBC1005
019	Faeze Aghajannejad - Seyed abolhassan Shahzadeh fazeli - Shaghayegh Nasr - Hamideh Amirmojahedi - Sajjad Sarikhan	Chaperone-based soluble expression of recombinant L-asparaginase from yeast strain Fereydounia khargensis in E. coli expression system	ISOBC1061

020	Behnaz Riazalhosseini - Taravat Hamidi Asl - Amirmohammad Kazemi	Effect of liraglutide peptide containing iron on corona spike protein	ISOBC1067
021	Amineh Mousazadeh - Hamid Dezhampanah	Spectroscopy and molecular dynamics simulation study on the interaction of azo dyes with human serum albumin	ISOBC1074
022	Amineh Mousazadeh - Hamid Dezhampanah	A combined spectroscopic and molecular docking study on site selective binding interaction of between 5-(2-thiazolylazo)- 2,4,6-triaminopyrimidine with Human and Bovine serum albumins	ISOBC1073
023	Tina Roozban - Elahe Motamedi - Marzieh Ghollasi - Shohreh Ariaeenejad	Cross-linking of proteins by laccase for improving the quality of poultry feed	ISOBC1037
024	Khadijeh Tavakoli hafshejani - Nasrin Sohrabi - Mahboube Eslami moghadam - Mohsan Oftadeh	Comparison of the interaction of CT-DNA with anticancer glycine derivative of Pt- complex and cisplatin: DFT, and molecular docking	ISOBC1089
025	Reza Fallah Moghaddam	Study of Hemoglobin Imaging as a Model Biomolecule Using Scanning Tunneling Microscopy and Molecular Dynamic Simulation	ISOBC1144
026	Reza Fallah Moghaddam	Adsorption of Graphene Based Nanomaterials on Self Assembled Monolayer to Immobilize and Study of Electron Transfer of Cytochrome c Biomolecule by Electrochemical Techniques	ISOBC1145
027	Azam Zolfaghari asl	Simultaneous determination of DNA bases (Adenine and Guanine) by the new electrochemical sensors modified with molecular imprinted polymers	ISOBC1180
028	Omideh Rajabi - Hamid Dezhampanah	Characteristics of interaction mechanisms of α -casein with fluvastatin and pitavastatin: A multi spectral method and docking study	ISOBC1063

029	Omideh Rajabi - Hamid Dezhampanah	Binding of atorvastatin with milk α - and β - caseins	ISOBC1062
030	Reyhaneh Naderi Ghahfarokhi - Mansoor Namazian	Antioxidant properties of crosetin, one of the main components of saffron	ISOBC1054
031	Zahra Ahmadi - Aidin Bahrami	Investigating the interaction of Favipiravir on RGD tripeptide for the purpose of drug delivery: A DFT study	ISOBC1088
032	Zahra Gholami Rezvani - Majid Taghdir	Investigation of transport mechanism of Gemcitabine through cyclic peptide nanotube	ISOBC1214
033	Zahra Moradi - Parvaneh Fakharian - Ferashteh Taghavi - Zahra Kianmeher	Investigating protective effect of carvacrol against hemoglobin glycation	ISOBC1113
034	Zeinab Tari - Ali Khatibi	Effect of curcumin on glycation process of carbonic anhydrase II enzyme	ISOBC1224
035	Sarah Sharif	Evaluation of biophysico-chemical properties of serum Protein Corona on CdTe Quantum dots	ISOBC1077
036	Sanaz Najafvand Derikvandi - Elahe Motamedi - Marzieh Ghollasi - Shohre Ariaenejad	Immobilization of metagenome-derived laccase on hydrogel and investigation of the function of the immobilized enzyme in lignin degradation	ISOBC1036
037	Sayed Habib Allah Mousavi - Marzieh Kamalianfar	Molecular dynamics study of the interaction between the main protease of Sars-Cov-2 and two new inhibitors	ISOBC1075
038	Shima Mostaed - Seifollah Bahramikia - Faranak Hadi	Determination of Optimal Conditions (concentration of extract and silver nitrate, pH and temperature) for Green Synthesis of Silver Nanoparticles from Teucrium polium aqueous extract	ISOBC1010
039	Shima Mostaed - Seifollah Bahramikia - Faranak Hadi	Optimization of Effective Parameters (concentration of extract and silver nitrate, pH and temperature) for Silver Nanoparticles biosynthesis from aqueous extract Rose foetida Herrm	ISOBC1009

040	Erfan Shahbazi - Hamidreza Mollasalehi - Dariush Minai- Tehrani	Development of a catalytic hairpin assembly machinery as a genosensor to detect a pulmonary infection biomarker	ISOBC1195
041	Sara Mohammadi - Zahra Narimani - Mitra Ashouri - Mohammad Hossein Karimi- Jafari	Improving predicted affinity of 11 β -HSD I using ensemble docking and learning methods	ISOBC1052
042	Tooba Abdizadeh	Molecular docking of anthocyanin-based compounds with EGFR in non-small cell lung cancer	ISOBC1160
043	Tooba Abdizadeh	The potential role of paepalantine as a therapeutic agent against endoribonuclease NSP15 of SARS-CoV-2: a molecular docking study	ISOBC1161
044	Aref Moradi kolamaki - Maryam Mohadjerani	Preparation of chitosan-caseinate nanoparticles carrying quercetin and syringic acid drugs as possible drug delivery system for oxidative stress	ISOBC1126
045	Fatemeh Mirhosseini - Fatemeh Eshari - Mehran Habibi- Rezaei	The oxidative potential assessment of the airborne PM2.5 of Tehran	ISOBC1059
046	Farhan Disfani - Mahdie Rahban - Soroush Behjati- Hosseini - Ali akbar Moosavi- Movahedi	PH-Switch changes of curcumin delivery system via camel casein micelles	ISOBC1196
047	Fatemeh Jabari Namroudi - Hamid Mahdiuni - Soraya Sajadimajd	Virtual screening, docking, and molecular dynamics simulation studies for the discovery of a novel inhibitor for MCT1 transporter in an open inward conformation	ISOBC1159
048	Mohadeseh Pourghanbari - Maryam Saadatmand	A microfluidic paper-based device for creatinine measuring in urine sample	ISOBC1157

049	Masumeh Mohammadi	Development of low-cost electrodes based on carbon paste and their modification using DNA immobilization and various nanoparticles for the measurement of anticancer drug gemcitabine	ISOBC1085
050	Narges Sayari - Seyyed Abolghasem Ghadami	Comparative evaluation of thermal aggregation of β -lactoglobulin at different temperatures and pH	ISOBC1095



Poster presentation
Session 2
Evening
Hall 1. **14:15-15:15**

No.	Presenter	Title	ID
051	Pegah Haji-karami - Zainab Moosavi-Movahedi - Mohammad Edrisi - Ali-Akbar Moosavi-Movahedi	Super Efficacy of Salicylic Acid relative to Aspirin on Functionality of Hemoglobin Species	ISOBC1199
052	Sara Mansoorifard - Fakhrossadat Mohammadi - Nasser Nikfarjam	Investigating the Interaction of Superparamagnetic Nanoparticles with Human Alpha-1-Acid Glycoproteins	ISOBC1175
053	Morteza Golmohammadi	Fabrication of Fe ₂ O ₃ -CeO ₂ Three-Way Catalyst via Supercritical Water	ISOBC1016

054	Morteza Golmohammadi	Adsorption of Organic Pollution Using Walnut Shells as Natural Adsorbent	ISOBC1020
055	Maryam Beheshti - Mohsen Oftadeh - Nasrin Sohrabi	Molecular Dynamics Simulation Study of Folic Acid Interaction with Diphenylalanine Peptide Nanotube as a Efficient Drug Delivery System	ISOBC1055
056	Masoumeh Gharb - Amideddin Nouralishahi - Ali Riazi - Gholamhossein Riazi	An Experimental Survey On Improved Bioavailability Of Natural Anti-Alzheimer Agents Using Gold Nanoparticles	ISOBC1135
057	Parviz Norouzi - Mehrnaz Ebrahimi - Davoud Shater Reza - Mohammad Reza Safarnejad	The Novel Label-free Electrochemical Immunosensor for Direct Detection of Rhizomania Virus based on (3-Aminopropyl)triethoxysilane/Glutaraldehyde Imbed	ISOBC1202
058	Narges Nazari Aliabadi - S.Shirin Shahangian - Zivar Salehi	Cloning, expression and purification of a protein involved in desiccation tolerance in an animal model of stress	ISOBC1032
059	Mehdi Imanzadeh	Theoretical methods for measuring chemophysical properties of nucleic acids during the oxidation of RNA and the incidence of cancer	ISOBC1021
060	Masoumeh Valipour - Reza Zakeri	Study of the binding properties of Aleo Vera extracted Aloin and its' derivatives upon interaction with human serum albumin: Spectroscopic approach	ISOBC1056
061	Nima Fatahian - Maryam Mehrabi - Reza Khodarahmi - Hadi Adibi - Masomeh Mehrabi	Synthesis and docking studies of sulfonamide derivatives of benzene carboxylic acid as novel inhibitor of human carbonic anhydrase II	ISOBC1042
062	Nima Fatahian - Maryam Mehrabi - Reza Khodarahmi - Hadi Adibi - Masomeh Mehrabi	Evaluation of the inhibitory properties of sulfonamide derivatives of benzene carboxylic acid on human carbonic anhydrase II	ISOBC1041

063	Nooshin Bijari	Interactions of Irinotecan as an Anticancer drug with Human Serum Albumin: A Molecular Docking Approach	ISOBC1033
064	Nooshin Bijari - Sirous Ghobadi	Designation irinotecan binding site on a carrier protein with Site marker competitive displacement experiment	ISOBC1034
065	Seyedeh Reyhaneh Jahandideh Roudsari	Designing a biosensor based on choline oxidase enzyme to measure agricultural pesticides in the Caspian Sea	ISOBC1226
066	Elham Mohammadhassani - Mohammad Reza Bozorgmehr	Interaction of cyclic antimicrobial peptide with heptyl α -D-glucopyranoside membrane-like micelle: molecular dynamics simulation study	ISOBC1015
067	Seyyed Mohammad Hasan Haghayeghi - Hossein Askari - Maryam Azimzadeh Irani	Molecular Modeling of Nannochloropsis gaditana Cellulose Synthase	ISOBC1083
068	Mohammad Nabikhan - Mahdi Zarif	Investigating the effect of Poly(amidoamine) dendrimer on the Boron Nitride Nanotube performance as a drug carrier	ISOBC1078
069	Maryam Mohadjerani - Mahin Sheikhnazi	Study on kinetic parameters of L-Asparaginase in the presence of Origanum vulgare alkaloids extract	ISOBC1064
070	Masoumeh Eskandari- Nasab - Zainab Moosavi- Tekyeh	Comparison of the molecular structure and electron excitation of hydrocortisone and dexamethasone compounds using DFT calculations	ISOBC1207
071	Mina Bordbar - Ali Khatibi	Simulation and comparison of self-assembly of a selection of tripeptides using CGmartini	ISOBC1045
072	Nasrin Sohrabi - Zohre Malekhosseini	Investigation on the Interaction of Mebeverine Drug with Bovine Serum Albumin protein using UV/Vis and Fluorescence Spectroscopy Methods	ISOBC1079
073	Abolfazl Rostamzadeh Khorasani - Mohammad Reza Housaindokht - Mohammad Reza Bozorgmehr	Molecular dynamics simulation study of the dependence of reverse micelles properties on water content	ISOBC1130

074	Bagher Davaeil - S.Mohsen Asghari - Ali Akbar Moosavi Movahedi Hossein Daneshgar	The Biophysical Study on HSA upon Interaction with Bortezomib: Drug Delivery Approach	ISOBC1058
075	- Mohammad Edrisi - Sajad Farshid - Mojtaba Bagherzadeh - Navid Rabiee	Investigating the structural features of UiO- 66 metal-organic framework for curcumin delivery	ISOBC1217
076	Fatemeh Goudarsiasl - Ali Taravati	The synthesis of chitosan-alginate nanoparticle as a drug vehicle	ISOBC1114
077	Payam Arghavani - Ali Akbar Moosavi-Movahedi	Leucine conjugated SPIONs inhibit mTTR aggregation by impacting the unfolding mechanism	ISOBC1124
078	Kosar Esmailpour - Mostafa Shourian	Green synthesis of gold nanoparticles using pimpinella affinis leaf and stem extracts as reducing agents	ISOBC1006
079	Maryam-sadat Karimi - Yasaman- sadat Borghei - Saman Hosseinkhani	In-situ synthesizing DNA-functionalized gold nanoparticles as promising tool for biosensing approaches	ISOBC1179
080	Mina Barhoon - Hamid Mahdiuni - Soraya Sajadimajd	Repurposing of FDA-approved drugs against monocarboxylate transporter 1 (MCT1) by virtual screening and molecular dynamics simulation studies	ISOBC1158
081	Narges Sahranavard - Mahmoud Salehi - Noorallah Hasanpour	Molecular docking of gingerol, the main antioxidant in ginger, with APC and KRAS proteins	ISOBC1151
082	Noorallah Hasanpour - Eisa Jorjani - Narges Sahranavard	Comparison of molecular docking of thymol and carvacrol as two main phenolic compounds of thyme with tumor suppressor protein PTEN	ISOBC1129

083	Mozhde Heydari - Delara Mohammad aghaei - Mohammad ali Dashti - Omid Bavi	In-Silico Insights into the Interaction of Two Antimicrobial Peptides (Piscidin1 and Piscidin3) with SARS-CoV-2 Membrane Model	ISOBC1190
084	Seyed Hossein Beheshti Shoushtatri - Farangis Ataei - Saman Hosseinkhani	Effects of survivin and caspase genes transfection on apoptosis induction by Doxorubicin in SH-SY5Y cell line	ISOBC1150
085	Nayereh Beigmohammadi - Fakhri sadat Hosseini - Gholamreza Pazuki	Extraction of total protein from microalgae using ultrasound assisted isoelectric point	ISOBC1172
086	Mohammad Kazem aslani - Safa Lotfi	Cholinesterase inhibitors for symptomatic treatment of Alzheimer' disease	ISOBC1125
087	Mohammad Kazem aslani - Safa Lotfi - Elham Rezvannejad - Abbas Zare Mirakabadi - Masoud Torkzadeh Mahani	Separating components of Apis mellifera venom from the Sabalan region by RP- HPLC	ISOBC1127
088	Masoumeh Shams ghamsary - Mina Ghiasi - S. Shahab Naghavi	Activation mechanism of human Carbonic Anhydrase (II) enzyme: Theoretical investigation	ISOBC1046
089	Mohamad Ali Ahmadi - Saman Hosseinkhani - Farangis Ataei - Mohammad Hossein Moteallehi- Ardakani	Expression, Purification and Activity Assay of Terminal Deoxynucleotidyl Transferase (TdT) Enzyme	ISOBC1185

090	Somayeh Ebrahimzadeh - Abolfazl Barzegar	Synthesis magnetic composite hydrogel based on collagen and CaFe ₂ O ₄ nanoparticles as nanodrug carrier system	ISOBC1154
091	Hoda Zamanian Dastmalchi - Hedayatollah Ghourchian - Fariba Dashtestai	Stabilization of Phytase by immobilization on nanoporous zeolite	ISOBC1081
092	Sahar Ebrahimi nehzomi - Hossein Ghafouri - Asadollah Mohammadi	Determination of biometal chelating ability of Thiazolidine-2,4-dione derivative in association with alzheimer's disease	ISOBC1080
093	Touraj Naderi - Fatemeh Sadat Ghoreishi - Fatemeh Ghozeisi - Zahra Hajjari - Haniyeh Safari	Diagnostic and treatment of Alzheimer's disease based on theranostics mechanism	ISOBC1103
094	Mitra Ghobadi - S. Shirin Shahangian - Behnam Rasti - Hadi Adibi	Extraction, Purification and Kinetic Characterization of Purple Acid Phosphatase from <i>Phaseolus vulgaris</i>	ISOBC1152
095	Sepideh Ziaei Chamgordani - Hedayatollah Ghourchian	Evaluation of the Biosensors and Nucleic Acid Isothermal Amplification-Based methods for the Detection of <i>Clostridioides difficile</i> as a Foodborne Pathogen	ISOBC1070
096	Ali Shakouri Garakani - Ali Asghar Majrouhi Sardroud	The effect of bovine serum albumin on kinetic parameters of cholesterol oxidase	ISOBC1122
097	Golshan Golshanian - Delara Mohammad-Aghaie - Mohsen Sorouri - Mohammad Navid Soltani Rad	Probing the Interaction of 8-Heptyl Piperazine Caffeine with Human Serum Albumin, Through Spectroscopic and Simulation Approaches	ISOBC1188

098	Fatemeh Mamashli - Ali Akbar Meratan - Atiyeh Ghasemi - Ali Akbar Saboury	Neuroprotective effect of propolis polyphenols-based nanosheets against rotenone-induced neurotoxicity in a cellular model of Parkinson's disease	ISOBC1035
099	Mahdi Gheisar - Abolfazl Barzegar	Virtual screening of drug compounds to inhibit mpro and RdRp proteins SARS Cov- 2 virus	ISOBC1220
100	Mohammad Edrisi - Hossein Daneshgar - Faezeh Moosavi-Movahedi - Mojtaba Bagherzadeh - Ali A Moosavi- Movahedi	A520-MOF diminished doxorubicin disturbance for hemoglobin oxygen affinity	ISOBC1189

Wednesday



Poster presentation

Session 3

Evening

Hall 1. 12:15-13:15

No.	Presenter	Title	ID
101	Fatemeh Bayani - Negin Safaei Hashkavaei - Yahya Sefidbakht	Computational investigation of the effect of Omicron mutations in the N-terminal domain of spike protein on antibody evasion	ISOBC1142
102	Negin Safaei Hashkavaei - Fatemeh Bayani - Yahya Sefidbakht	Molecular dynamics simulations of receptor-binding domains in Wuhan and Omicron (B.1.1.529) variant of SARS-CoV-2	ISOBC1147
103	Seyedeh Maryam Hosseini - Bahram Ghalami-Choobar - Parya Mossayebzadeh-Shalkoohi	Activity coefficients measurements of NaCl using the potentiometric sensor and thermodynamic modeling	ISOBC1216

104	Setayesh Shevidi - Seyyed abolghasem Ghadami	Effect of pH on amyloid fibrils formation of recombinant human insulin in Britton-Robinson wide range buffer	ISOBC1087
105	Zeynab Rezaei - Seydeh Hanieh Madani - Sajedah Bahonar - Seyed Shahriar Arab	Two novel antiviral peptides that prevent the attachment of the SARS-Cov-2 fusion peptide to the human cell membrane	ISOBC1132
106	Yang-Yang Li - Jun Hong	Inhibitory effect of Astragaloside on glucose mediated protein glycosylation in vitro	ISOBC1030
107	Xin-Xin Ma - Jun Hong	A novel direct electrochemistry of glucose oxidase on a multi-walled carbon nanotubes, hydroxy-fullerene and β -cyclodextrin composites modified glassy carbon electrode	ISOBC1029
108	Xin Meng - Jun Hong	Electrochemical Biosensor Based on CS/Hb/GR-CS-MWCNTs Nano-hybrids for the Detection of Hydrogen Peroxide	ISOBC1028
109	Hannaneh Zarrinnahad - S.ahmad Dehdast - S.mehdi Rezayat Sorkhabadi - Fazel Gorjipour - Mohammad kazem Koohi - Ghazaleh Chizari fard - Mohammad Shabani	Evaluation of biological activities of Zinc Oxide NP on RBC and 3t3 cell line	ISOBC1177
110	Faezeh Moosavi- Movahedi - Ali A. Saboury - Reza Yousefi - Ali A. Moosavi- Movahedi	The role of different ratios of copper ion on the α B-crystallin aggregation in NaCl environment: cataracts lens	ISOBC1203
111	Xin-Yan Song - Jun Hong	Inhibitory effects of rutin and quercetin on H_2O_2 -mediated non-enzymatic glycosylation of SOD	ISOBC1027

112	Heliya Javadi - Mohammad Mahani - Shadi Bakhtiyari - Leila Youseftabar-miri - Faten Divsar - Sajad Farshid	A novel core shell PAMAM dendrimer for targeted delivery of doxorubicin to MCF-7 cancer cells	ISOBC1218
113	Mohammad Hossein Ramezani - S. Shirin Shahangian - Hadi Adibi - Behnam Rasti	Kinetic Characterization of Acetylcholinesterase from Electric Eel with the Aim of Screening Specific Inhibitors	ISOBC1153
114	Farzaneh Kargar - Mojtaba Mortazavi - Mohammad Rahmati - Marzieh Jamalidoust - Fateme Bina - Abdolrasool Malek pour - Mir Ahmad Mazloomi	Comparative analysis of codon usage and phylogenetic relations of COVID-19	ISOBC1115
115	Zahra Mousavi-Jarrahi	Effect of pomegranate polyphenols in bulk and nano-sheet form on alpha-synuclein fibrillation	ISOBC1047
116	Fateme Aghebati - Hossein Ghafouri - Sevda Zarei	Investigation of the anti-cancer effects of the cyanidin 3-O-B-D-Glucoside compound on (MCF-7) cells	ISOBC1138
117	Hossein Roohi - Fateme Hassani Ghezgelgechi	A DFT study on the ESIPT mechanism in the 1-hydroxy-9H-fluoren-9-one derivatives	ISOBC1065
118	Sedigheh Abedanzadeh	Synthesis, characterization, macromolecular binding, cytotoxicity and molecular dynamics simulation of cyclometallated Pd (II) complex bearing α -amino acid	ISOBC1086
119	Masoume Kouzegar - Sina Shekarsaraee	Investigation of colourant content and stability in elderberry in different pH	ISOBC1092

120	Mina Masoumi - Mohamad Mehdi Alavianmehr - Delara Mohamad Aghaei - Mohamad Navid Soltanirad	Biophysical Insights into the Interaction of Proxyphylline with Human Serum Albumin: A Multi-Technique Approach	ISOBC1201
121	Somayeh Nikfard - Fakhrossadat Mohammadi - Hamidreza Shahsavari	Study of the interaction of two new platinum complexes with DNA and HAS	ISOBC1165
122	Masoumeh Ramezani Dehbone - Mostafa Shourian - Adeleh Divsalar	Investigation and characterization of bortezomib-loaded albumin nanoparticle as nanocarrier	ISOBC1206
123	Monireh Bolourinezhad - Farkhonde Zibadi - Majid Rezayi	Electrochemical DNA nano-biosensor based on MXene Quantum Dot@AuNPs nanocomposite for detection of HTLV-1 by methylene blue	ISOBC1163
124	Seyyedeh Fatemeh Hoseini - Sina Shekarsaraee	Investigation of pH effect on thermal and light stability of natural dyes extracted from PAPAVER RHOEAS	ISOBC1098
125	Yasaman Ghajari - Vahab Jafarian - Reza H. Sajedi - S. Mohsen Asghari	Design and recombinant production of the fusion protein of GFP-VEGF receptor binding peptide and its tumor targeting ability	ISOBC1149
126	Mahvash Nasouri Komamardakhi, Leila Asadpour	Biochemical and molecular Study of Van Gene in Vancomycin Resistance Staphylococcus Aureus Isolated from Patients in Rasht	ISOBC1197
127	Vida Vahdanikia - Abolfazl Barzegar - Mehdi Haghi - Gholamreza Zarrini	Green synthesis of ZnO nanoparticles using Syzygium aromaticum extract for nanomedicine applications	ISOBC1168
128	Zahra Kamal - Mohadeseh Zarei- Ghobadi - Hedayatollah Ghourchian	High Photoluminescent Doped Carbon Dots for FRET based Biosensor	ISOBC1221

129	Elaheh Mozayan - Hossain-Ali Rafiee- Pour - Foad Ghasemi	Design a cMWCNTFET-based biosensor via cytochrome c immobilization to detect low trace of hydrogen peroxide	ISOBC1146
130	Nazanin Kouravand - Hossain-Ali Rafiee- Pour - Leila Moradi	Immobilization of glucose oxidase onto amino-functionalized carbon nanofibers for glucose biosensing	ISOBC1131
131	Zahra Abbasi-Qazaani - Mostafa Shourian - Hossain-Ali Rafiee- Pour - Elahe Mahmoodi-Khaledi	Electrochemical determination of gallic acid using a sensitive sensor based on g-C ₃ N ₄ /AuNPs modified carbon paste electrode	ISOBC1133
132	Zahra Abbasi Qazaani - Mostafa Shourian - Hossain-Ali Rafiee- Pour - Elahe Mahmoodi-Khaledi	Authentication of Iranian honey samples: Physicochemical parameters investigation along with the electrochemical measurement of gallic acid by g-C ₃ N ₄ /AuNPs modified carbon paste electrode	ISOBC1219
133	Nasim Reihani	Stability enhancement of vitamin C by loading on nanostructured lipid carrier for topical delivery	ISOBC1215
134	Milad Amiri	Specific detection and quantification of calcium ion by photoprotein mnemiopsin	ISOBC1109
135	Maryam Ghahramani - Reza Yousefi	Dual effects of oxidation on the structure and chaperone activity of human α B-crystallin	ISOBC1110
136	Solmaz Kia	An Electrochemical Genosensor for gastric cancer cell detection	ISOBC1117
137	Anis Barati - Raheleh Masoudi - Reza Yousefi	Induction of tau protein aggregation by formaldehyde and its inhibition by β -D mannuronic acid/BDM (M2000): Introducing a potential drug candidate for the use in treatment regimen of Alzheimer's disease.	ISOBC1121

138	Mohammad Hassan Omidi - Mohammad Hossein Ahmadi Azqhandi - Bahram Ghalami	MOF-derived efficient adsorbent for removal of herbicide: Response Surface Methodology, kinetic and thermodynamic	ISOBC1143
139	Mohammad Hassan Omidi - Mohammad Hossein Ahmadi Azqhandi	Bio-Metal-organic frameworks-1- derived porous carbon as a highly effective adsorbent for tetracycline antibiotic	ISOBC1162
140	Roghayeh Darvishi Gilandooz - Bahram Ghalami-Choobar - Mohaddeseh Habibzadeh Mashatooki	Molecular dynamics investigation of Methyl paraben aggregation in aqueous media	ISOBC1012
141	Bahareh Ghorbannezhad - Alireza Mahjoub	Highly Sensitive Electrochemical Determination of Bisphenol A using Graphene Oxide Functionalized Metal-Organic Framework	ISOBC1066
142	Faheimeh Haghbeen	2-benzylamino-5-hydroxy pyrimidine as a potent lead structure for the synthesis of polyphenol oxidases inhibitors	ISOBC1128
143	Parisa Rezaei - Ahmad Amiri	DNA interaction and Molecular Docking Studies of Adenine- Based Carboxamide Ligand	ISOBC1040
144	Sepideh Mansourkiaie, Kamaloddin Hamidi Nokhostin, Esmat Abdi	Investigation on caspase 3 and caspase 7 enzymes activities and RNA level in blood anuclear cells (RBC) under osmotic stress	ISOBC1193
145	Farid Nasiri, Reza Yousefi	Biophysical Analyses of a Cataract Causing Arginine-based Missense Mutation in Human α B-crystallin.	ISOBC1106
146	Sudabeh Shokrollahi - Ahmad Amiri	Spectroscopic Analysis and Molecular Modeling on the Interaction of Naphthalene-Based Schiff Base with Human Serum Albumin (HSA)	ISOBC103
147	Yasaman Parsa - Mohammad Hossein Ghahremani - Jamshid Davoodi	Improving the production and stability of M-MLV Reverse Transcriptase	ISOBC1192

148	Somaye Shahraki	Pt(II) complexes of hydroxybenzhydrazide based Schiff base ligand. Cytotoxicity, transferrin interaction and catalase activity	ISOBC1191
149	Somaye Shahraki	Mixed-ligand Pt(II) complex with p-Toluic hydrazide derived Schiff base ligand and proline. Preparation, cytotoxicity and interaction with transferrin	ISOBC1205
150	Atefeh Ebrahimi - Fayeze Samari	Catalytic degradation studies of phytosynthesized silver/silver chloride nanoparticles against Rhodamine B	ISOBC1090



**Poster
presentation
Session 4
Evening**
Hall 1. *14:15 15:15*

No.	Presenter	Title	ID
151	Atefeh Ebrahimi - Fayeze Samari	Study of catalytic reduction of methylene blue using biogenic Ag@AgCl nanoparticles from the seed of Syzygium cumini	ISOBC1091
152	Mehrnaz Hosseini Jafari - Mohammad Bagher Shamsavani - Reza Yousefi	Structural and functional characterization of a myopathy-associated mutation in human α B-crystallin	ISOBC1116
153	Niloofar Sadat Hadian - Hassan Faridnouri - Ehsan Nazarzadeh Zare	Investigation of electrochemical and kinetic properties of glucose oxidase biosensor immobilized using carboxylated chitosan mediated layer-by-layer assembly-based polyaniline and carbon nanotube	ISOBC1119

154	Fahimeh Mollamohammadi - Hassan Faridnouri - Ehsan Nazarzadeh Zare	Investigation of kinetic and electrochemical properties of biosensor based on tyrosinase immobilized using carboxylated starch-grafted-polyaniline / carbon nanotube nanocomposite	ISOBC1120
155	Maryam Nazari	The investigation of carbon dot nanoparticle-protein interaction and glycated protein optical detection	ISOBC1194
156	Kimia Abedi - Hedayatollah Ghourchian	An insight into some applications of nanomaterials in enhancing sensitivity and accuracy of biosensors	ISOBC1094
157	Leila Rezaei Somee - Ali Jazaeri - Mohammad Bagher Shahsavani - Reza Yousefi	The structural and functional changes in a cardiomyopathy-associated mutant α B-crystallin	ISOBC1105
158	Sahar Karjalian - Masoumeh Valipour	Study of the human serum albumin interaction with remdesivir as Covid-19 treating drug by spectroscopic methods	ISOBC1057
159	Atefeh Ghaedrahmati - Mostafa Shourian - Ali Khatibi sharifiyeh	Study of binding of triptorelin to albumin using molecular docking method	ISOBC1051
160	Mahya Mohammadzaheri, Ali Akbar Meratan, Ali Akbar Saboury	Inhibition of alpha-synuclein fibrillation using green tea polyphenols for treatment of Parkinson's disease	ISOBC1053
161	Mitra Pirhaghi - Parvez Alam - Daniel Otzen - Ali Akbar Saboury	A Derivative of Penetratin Against α - Synuclein Oligomers Toxicity	ISOBC1050
162	Faezeh Adibian	Investigating the molecular docking of Masticadienonic Acid and P-glycoprotein to increase the effectiveness of Irinotecan on colon cancer	ISOBC1044
163	Sara Zolghadri - Samaneh Zolghadri	Preparation, characterization, and antioxidant activity of Gallic acid-loaded nano-niosomes	ISOBC1210
164	Parastoo Faramarzadeh - Abolfazl Barzegar - Abdollah Hajalilou	Greener synthesis of superparamagnetic core/shell nanoparticles of CoFe ₂ O ₄ /Fe ₃ O ₄ for drug delivery applications	ISOBC1137

165	Ghader Hosseinzadeh	Molecular dynamics (MD) simulation for designing high affinity nanobody (Nb) against placental growth factor (PLGF) based on electrostatic interactions	ISOBC1134
166	Ghader Hosseinzadeh	MD simulation for improvement the binding affinity of nanobody against transcobalamin (TC) in order to inhibition of TCbLR receptor	ISOBC1141
167	Elnaz Hosseini	Inhibitory Effect of ChCl-Asb Natural Deep Eutectic Solvent on Amyloid Fibrillation of Insulin	ISOBC1211
168	Shaghayegh Sarrafzadeh, Soudeh Ghafouri-fard	Expression study and analysis of long non-coding RNA Prostate cancer-associated transcript 1 in breast cancer tissue samples	ISOBC1155
169	Soheila Shabani-Mashcool, Reza Hassanzadeh	A new insight in Drug-Target interaction prediction	ISOBC1225