

Section one / Wednesday (1 May) / Time: 10 -10:30

	Presenter	Title
P1	Maral Afshinpour	Identifying the Hot-Spot Residues of Cationic Amino Acid Transporters During Arginine Transport by the MM-PBSA Approach
P2	Seyed Javad Ahmadi Hoseini	Magnetic Field Effect on the Interaction between Human Serum Albumin and Alprazolam using UV Spectroscopy
P3	Hamid Reza Akhbariyooun	Cloning, Expression, and Purification of Uricase in Escherichia coli by using SUMO Tag in pET21 Vector
P4	Fatemeh Alian	Investigating the Relationship between rs7903146 Polymorphism Genotypes of TCF7L2 Gene and Blood Concentration of Molybdenum in Patients with Type 2 Diabetes
P5	Negar Mortazavi	Effect of Ultrasound Pretreatment on Antioxidant Activity of Bioactive Peptides Derived From Hydrolysis of Whey Protein Concentrate
P6	Hanieh Amiri	Evaluation of Ursolic Acid Effect on Weight, Blood Glucose and Expression of GnRH Genes in Rat of C57BL /6
P7	Zahra Aramesh-Boroujeni	Computational and Experimental Study on the Interaction of Terbium(III), Dysprosium(III) Complexes Containing 2, 2'-bipyridine with Human Serum Albumin
P8	Mohsen Asadi khanouki	3D Structure Prediction of a Flowering Time Protein from Mustard
P9	Mona Asghari	The Role of Beta Catenin Protein in High Glucose-Induced Cellular Senescence
P10	Sepideh Atri	Study the Effect of DNA Methyl Transferase Inhibitor on the Expression of Telomerase Enzyme in Squamous Cell Carcinoma Cell Lines
P11	Ahmad ali Badr	Application of Marine Peptides in Cancer Treatment
P12	Behnaz Bagherieh	Importance of GPCR Receptors in Fungi
P13	Soghra Bagheri	Effect of Arsenic Trioxide on Binding of All-trans Retinoic Acid to Human Serum Albumin
P14	Zahra Aramesh-Boroujeni	Evaluation of DNA, BSA binding, DNA cleavage and antimicrobial activity of ytterbium(III) complex containing 2,2'-bipyridine ligand
P15	Asieh Behdad	Evaluation of Salinity Stress on the Antioxidant Enzyme Activities in Rhizomes of Two Populations of Glycyrrhiza glabra L

P16	Behnam behnooye	Cloning and Expression of Antigenic ABAYE2132 Protein of <i>Acinetobacter Baumannii</i> in <i>E. Coli</i>
P17	Ali Bekhradian	Computational Insight of Antibacterial Compound from <i>Mentha longifolia</i> L. 5FR 3 of Protein PA: In Silico Analysis
P18	Zahra Bigdeli	Efficient synthesis of HBED-tetra Carboxylic Acid as an Ideal Ligand for Complexation of Ga-68
P19	Elham Biglari-gholiloo	High Level Accumulation of Soluble Mutant L-asparaginase (Q59L) with Co-expression of Chaperones in SHuffle TM T7 Strain
P20	Nilofar Boromand	Investigation the Effect of UBE2Q1 on BECN Gene and CEA Protein in LS180 Colorectal Cancer Cells
P21	Zinat Changani	Engineered Immobilization of Enzymes on the PDA/PEI-nanocomposite Membrane toward to the Pumpless Microfluidic Membrane-based Biosensor
P22	Aniseh Defaei	Biosynthesis of Silver Nanoparticle from <i>Rumex alveolatus</i> and Investigation of Their Potential Impact on <i>Aspergillus niger</i>
P23	Zahra Doosti	Novel Anticancer Peptide Inhibits Cancer Progression by Blocking Hsp90 factor: An in- Silico Study
P24	Mahshid Defaei	Immobilization of α -amylase on Naringin Functionalized Magnetic Nanoparticles: Preparation of an efficient Nanobiocatalyst
P25	Zahra Esfandiari	Enzyme Cathepsin and its Role in Meat
P26	Yasin Eshraghi	A Systematics Approach Revealed Key Genes and Signaling Pathway in Diabetic Nephropathy
P27	Donya Esmaeilpour	Probing Inclusion Complexes of HP β CD with Amino Acids by Physicochemical Specification
P28	Seyed mohammad Razavi	Calculation of the Volume-Reduction Entropy of Amino Acids in Protein Synthesis and an Upper Thermodynamic Limit on Cell Size
P29	Fatemeh sadat Fateminasab	β -cyclodextrin: Rosmarinic Acid Inclusion Complex: A Detail Molecular Modeling, Thermodynamic and Spectroscopic Study
P31	Mona Fathi	The Effect of Time and pH on Enzymatic Hydrolysis of Olive Proteome
P32	Monireh Fesharaki Esfahani	Heterologous Expression of Cu/Zn-Superoxide Dismutase from <i>Avicennia marina</i> in- <i>Escherichia coli</i>
P33	Zohre Ghanbarzadeh	Antioxidant Enzyme Activity Changes of Moldavian Balm under Drought Stress and Symbiotic Association with <i>Claroideoglomus etunicatum</i> Fungus and <i>Micrococcus yunnanensis</i> Bacterium

P34	Atiyeh Ghasemi	Reduction Effect of Graphene Oxide Quantum Dots on Modulating Bovine Insulin Amyloid Fibrillation
P35	Samin Ghasemzadeha	Investigation of Folic Acid Effect on the Aggregation of Tau Protein in Vitro
P36	Mehrnaz moattari	Using Proteomics in Neural Regeneration
P37	Fariba Ghobadi	Study of Inhibitory Potential of a Designed Peptide in Complex with β -Catenin Using Steered Molecular Dynamics Simulation
P38	Zahra Ghobadi	Investigation of Key Residues Between HLA-A*03 and T Cell Receptors Proteins
P39	Atefe Ghodrati	Design, Synthesis and Enzymatic Inhibition of Novel Unusual Amino Acids as a Transition State Analogue of Amyloid Precursor Protein Peptide
P40	Elahe Mobarak Qamsari	Comparison of Omeprazole Coating using Surface Layer Protein Nanostructures of Standard Strain of <i>L.acidophilus</i> ATCC 4356 and Native Strains of <i>L.brevis</i> KM3 and <i>L.brevis</i> KM7
P41	Razieh <u>Hosseini-Kakolaki</u>	Increased Viability of β –lactoglobulin Degrading Bacteria
P42	Shahrzad Hadichegeni	A Review on Biophysical Studies of the Effect of Pesticides on the Structural Changes of HSA Protein via Experimental and Computational Methods
P43	Behnaz Bagherieh	The Role of G-proteins in Biology and Physiology of Eukaryotes
P44	Mina Hajizadeh	Enhancement of Casein Hydrophobicity by Tannic Acid and Heating at Different pH
P45	Mahshid Pooladvand	Evaluation of Some Synthetic Chemical Compounds Against Caspase-3 by luciferase Whole-Cell Biosensor

Section Two / Wednesday (1 May)/ Time: 15:20_ 15:50

	Presenter	Title
P46	Hadiseh Hamzehil	MiRGD Peptide as a Nanocarrier for Doxorubicin
P47	Atefeh Zarepour	Design and Synthesis of a pH-sensitive Nano-liposome Loaded with Herbal Drug, Curcumin, as a Novel Nanosystem for Cancer Therapy
P48	Mohammad Heidarizadeh	Dithiocarbamate to modify magnetic graphene oxide nanocomposite (Fe ₃ O ₄ -GO): A new strategy for covalent enzyme (lipase) immobilization to fabrication a new nanobiocatalyst for enzymatic hydrolysis of PNPD
P49	Taher	Evaluation of Detoxifying Diphtheria Toxin by mPEG
P50	Mansoor Hosseini-Koupaei	Exploring the Function, Conformation and Stability Alterations of Proteinase K (as a Model Enzyme) by Zinc Oxide Nanoparticles
P51	Maryam Jafari	Immobilization of Catalase on Catheters and Investigation of its Anti-biofilm Formation
P52	Faranak Jafarian	The Performance Evaluation of the Covalently Immobilized Candida rugosa Lipase on Modified Graphene Oxide Nanosheets
P53	Sadegh Karimzadeh	Effects of Different Levels of Canola Peptides on Intestinal Morphology and Gut Microflora in Honey Bees
P54	Sara Kharazmi	Furin-like Proteolytic Processing of Inactive Latent TGF- β 1 in Sf21 Insect Cells
P55	Sahar Haghi Rad	Inhibition of Amyloid Fibrillation of Human Insulin by Morin Hydrate in the Presence of Gold Nanoparticles
P56	Hanieh Amiri	Evaluation of Ursolic Acid Effect on Weight, Blood Glucose and Expression of NF-K β Genes in Rat of C57BL /6
P57	Maryam khaledikia	The Impact of the C-terminal Peptide Extension in Retinal IMPDH (546) variant in Response to Allosteric Regulation with Purine Nucleotides
P58	Katayoun Khamesi	Production of Polyclonal Antibody Against His-tag Using Recombinant Protein Containing His-tag

P59	Pardis <u>Kiani</u>	Antibacterial Effect of Functionalized Contact Lens with Lysozyme
P60	Shima Lotfollahzadeh	Cytotoxic Activity of a Novel TNF- Related Apoptosis Inducing Ligand (TRAIL) Fusion Protein on Colon Cancer Cells
P61	Afrooz <u>Khalili Samani</u> ^a	
P62	Mehri Hedayati	Theoretical Investigation of Antimicrobial Property of two Mutants of Cap37 via Molecular Dynamics Simulation Method
P63	Zeinab Mandegani	The New Insights on Introducing and Designing Novel Rhodium(III) Derivatives as the Anticancer Agents: Protein Binding Assessment and Molecular Docking Simulation Analysis
P64	Sogol Meknatkhah	Stress Alters the Expression of Myelin Basic Protein in Animal Model of Multiple Sclerosis
P65	Fatemeh Miladi	Bioinformatic Prediction and Assessment of Secondary and Tertiary Structures of Putative Carboxypeptidase yodJ Coh02594.n from Thermophile Bacteria Cohnella sp A.01
P66	Zahra Miri	Prevalence and Pattern of Antibiotic Resistance Pattern of Gram-negative Bacteria Isolated from Urinary Tract Infections in Patients Referring to Neka Medical Diagnostic Laboratories
P67	Mehrnaz Moattari	Proteomics Analysis Provides a Functional Insight into This Biological Aspect of Nerve Regeneration
P68	Elahe Mobarak Qamsari	Omeprazole Coating using Surface Layer Protein Nanostructures of Two New and Native Strains of L.brevis KM3 and L.brevis KM7
P69	Mohammad navid Mohabatkar	Scanning of Anticancer and Anti-angiogenesis Peptides in Two Data Banks for Binding to Polymer Styrene (ELISA Plate)
P70	Elham Moradinia	Synthesis, Characterization, DNA and HSA Interactions of Cu(II) and Ni(II) Complexes with 9,10-Phenanthrenequinone p-toluichydrazone
P71	Asma Moslehi	The Effect of Various Concentrations of Cadmium on the Enzyme Gamma Glutamyl Transpheras (GGT) Liver Male Wisteria Protective Effects Garlic Extract
P72	Zahra Aramesh-Boroujeni	Synthesis, Characterization and Binding Assessment with Human Serum Albumin of Ytterbium(III) and Terbium(III) Complexes Containing 2,9-Dimethyl-1,10-phenanthroline
P73	Maede Motahar	The Structural Impact of the N-terminal Peptide Fragment in Retinal, IMPDH I, 603 Variant, While Exposed to Purine Nucleotides Regulation

P74	Fatemeh sadat Mousavi	Encapsulation of Daidzein by Complex Coacervation of Casein and Arabic Gum
P75	Zahra Mehrabi	Innovative Strategy to Overcome Staphylococcus aureus Biofilms
P76	Mohsen Nabi Afjadi	Terminal Amino Acid Extensions Impress the Retinal IMPDH1 Active Site
P77	Pourya Nasirmoghadas	Antimicrobial and Anti-Biofilm Activity of Artificial P19(9/B) Peptide Against Pseudomonas aeruginosa Isolated from Burn Patients
P78	Razieh Navari	Synthesis of Novel Salmon Peptides Analogues
P79	Hadi Nedaei	Harmaline, a Booster of Alpha-Synuclein Amyloidogenesis
P80	Somayeh Nikfard Zakelebari	Application of Nanomaterials as Supports for Enzyme Immobilization in Industries
P81	Fateme Pakniya	Application of a Bioinformatics Based Approach to Predict Normal and Random N-glycosylation of β -secretase-1
P82	Mastaneh Parchami	Soluble Expression of Recombinant Brain-Derived Neurotrophic Factor in SHuffle T7 and BL21 DE3 Strains
P83	Parinaz Parsi	Structure Based Virtual Screening on DrugBank Database to Find Ligands Interfering Arginine Transportation Through the Cationic Amino Acid Transporter
P84	Saghi Hakimi	Bacterial Surface Display for the Expression and Purification and Characterization of Protein
P85	Touran Rabiee Samani	Encapsulation of Curcumin by Complex Coaservation Method of Casein and β - cyclodextrin
P86	Negar Rabiee	Investigation of Serum Cholesterol Level in the Individuals Affected by Obesity and Correlation of it with rs2241766 and rs266729 Polymorphisms of ADIPOQ Gene
P87	Mahyar Rafati	Application of Genetics and RECOMBINANT Proteins in Reducing Drought Stress and Increasing their Productivity
P88	Elnaz Rahimjazi	Study of Loading and Release of Curcumin from MiRGD Peptide Nanocarrier
P89	Hanieh Rameh	The Effect of XIAP-Survivin Interaction on Apoptosis Inhibition

P90	Ghasem Rashidian	Evaluation of Protein Recovery and Bioactive Peptides Fractions from whiteleg Shrimp (<i>Lithopenaeus vanammei</i>) Head Waste Hydrolysis using Alcalase® 2.4L
P91	Marjan Fakhrizadeh Esfahani	Cloning, Expression and Purification of Fibroblast Growth Factor-2 Using pETite N-His SUMO Vector in <i>Escherichia coli</i>
P92	Farzaneh Mohammadzadeh Rostami	Efficacy of Probiotics in Prevention and Treatment of Infectious Diseases
P93	Sabar Jabbar Shawkat	Novel Pectinase from <i>Piriformospora indica</i> , Optimization of Growth Parameters and Enzyme Production in Submerged Culture Condition
P94	Asieh Soozanipour	Functionalized Superparamagnetic Nanoparticles: Synthesis, Characterization and their Application in Enzyme Immobilization
P95	Mohammad Davoud Ghafari	Molecular Dynamics Study of Human Beta-defensins 2 and 3 Chimeric peptides whit the Cell Membrane Model of <i>Pseudomonas aeruginosa</i>

Section Three / Thursday (2 may) / Time: 10:10_ 10:40

	Presenter	Title
P96	Sara Satari	Covalently Bonded Pancreatic Lipase onto Dithiocarbamate/Chitosan-Based Magnetite: Stepwise Fabrication of Fe ₃ O ₄ @CS/NHCS-Lip as a Novel and Promising Nanobiocatalyst
P97	Sara Kharazmi	Immobilization of Pectinase on Cyanuric Chloride Functionalized PEG-encapsulated Fe ₃ O ₄ Nanoparticles
P98	Nayyereh Golestani	Targeted Delivery of Ginsenoside- Rh ₂ by Bovine Beta-lactoglobulin Nanoparticles
P99	Zahra Sebghatollahi	Theoretical Design of Novel Peptide Inhibitor Against FemX in order to Break Resistance to Methicilin in MRSA
P100	Fatemeh Shabani	Expression and Purification of Human Calprotectin (S100A8/S100A9) and Study of its Effects on AGS Gastric Cancer Cell Line
P101	Zahra Mehrabi	Investigation of Biofilms Formation of Staphylococcus aureus on Lysozyme Functionalized PES-Membrane
P102	Shima Shafiee	A Review of the Uses of Artificial Intelligence in Protein Research
P103	Tahere Shahriari farfani	Evaluation of Milk α -lactalbumin Digestibility in Effect of Rice Recombinant Thyroidoxin / glutathione System
P104	Pegah Shakeri	Design and Synthesis of Novel Analogue Loop5 Cyclotide Vigno5-Based GnRH Agonist with Anticancer Activity
P105	Saman Shalibeik	To Evaluate the Possibility of Candida albicans Clinical Strains in Liquid and Solid Medium by Means of Zataria multiflora, Mentha longifolia and Origanum vulgare
P106	Samira Shirazi	Recognition of Salmonella and its Associated Infections
P107	Hamidreza Sohbat	A Novel Approach to Access HYNIC-PSMA-11 as an Efficient Peptide for Prostate Cancer
P108	Sara Taeb	The Duality of Nanoparticles Effect in the Process of Amyloid Fibrillation
P109	Azam Rezayat	Covalent Immobilization of Alpha-amylase on Metal-Organic Frameworks

P110	Somayeh Taei	Effect of Selenium Nanoparticles on Catalase, Superoxidedismutase Activity Lipids Oxidation and in Lung Following Experimental Cadmium Toxicity in Male Mice
P111	Zahra Taherimehr	Effect of Trehalose on Stabilization of Urate Oxidase Enzyme: Experimental and Molecular Dynamics Simulation Study
P112	Fatemeh Tahoori	Purification and Evaluation of Melittin from Honey Bee Venom Extracted from Mazandaran Province
P113	Shiva Teylaghi	Preparation and Evaluation Electrospun of Nano Fiber
P114	Parvin Yousefi	The Interaction of SiO ₂ Nanoparticles Changed the Function and Structure of Horseradish Peroxidase
P115	Maryam Zare	Loading of L-asparaginase Therapeutic Enzyme in Human Red Blood Cells by Recombinant Listeriolysin O
P116	Neda Dehghanbaghi	Antimicrobial Peptides of Innate Immune System as Suitable Compounds for Reduction of Pediatric Infectious Disease: A Mini Review
P117	Hadi Zare-Zardini	Design of a New Coating Agent Based on Reduced Graphene Oxide and Antimicrobial/Spermicidal Peptides (Sarcotoxin Pd and Maximin Bk) for Condom Coating: New Strategy for Prevention of Unplanned Pregnancy and Sexually Transmitted Infections
P118	Fatemeh Hajighasemi	In Silico Determination of Physicochemical Properties of Human Immunoglobulin-G Heavy Chain Constant Region
P119	Fatemeh Alian	Association between the rs7903146 (C/T) Polymorphism of the TCF7L2 and Serum Concentration of Copper in Type 2 Diabetes Patients
P120	Hanieh Amiri	Evaluation of Ursolic Acid Effect on Weight, Blood Glucose and Expression of IKK- β Genes in Rat of C57BL /6
P121	Zahra Aramesh-Boroujeni	Binding Assessment of Dysprosium(III) Complex Containing 2,2'-Bipyridine Ligand with DNA, BSA
P122	Zahra Aramesh-Boroujeni	In vitro Cytotoxicity Studies of Parent and Nano-Encapsulated Terbuim-2,9- dimethyl-1,10-phenanthroline Complex toward FS-DNA and BSA Binding Properties
P123	Ahmad ali Badr	Peptide-Based Nanomaterials: Recent Advances for Biomedical Applications
P124	Akram Kazemi Nasab	Comparison and Evaluation of Recombinant Brazzein Protein Production with and Without GST Fusion Tag
P125	Nilofar Boromand	Increased Circulating miR-10a Levels

P126	Zahra Esfandiari	Milk Proteins, Biopeptids and their Effects on Health
P127	Donya Esmaeilpour	Exploring the Effects of Kaempferol and Resveratrol on the Amyloid Fibrillation of Lysozyme
P128	Sepide Habibzadeh	Docking Investigation and Binding Interaction of Camphor with Alanine Aminotransferase (ALT)
P129	Sepide Habibzadeh	Study the Effect of α -Toxin B1 on the Liver Enzymes in the Presence of Camphor
P130	*Pegah Shakeri	*Efficient Synthesis of Hexapeptide-10 and Investigation of its Biological Activities
P131	Mehrnaz Moattari	Regulation of Metabolic Enzymes in Neuropathic Dorsal Root Ganglia: Proteomic Analysis
P132	Niloofar Parchami	The Role of Nature versus Chance in the Amount of Phosphorylation of Lysostaphin Protein
P133	Atefeh Hajiagha Bozorgi	Newly Fibrin-binding Peptides: Design and Docking Study using HPEPDOCK Server and Pep-composer
P134	Mehr Ali Mahmood Janlou	Discovery of New Potential Inhibitors from Molecular Docking of Pyridazinone Derivatives to Inhibition of Sortase A in Staphylococcus aureus
P135	Maryam Boshtam	Expression of Recombinant Rabbit Monocyte Chemoattractant Protein1 in Escherichia coli BL21 (DE3)/pET28a system
P136	Zana Pirkhezranian	Study of Camel Lactoferrin Derive Peptide and DNA Interaction using Molecular Dynamic Simulation
P137	Sara Dashtaki Hesari	Cloning of BIR2-Domain from X-Linked Inhibitor of Apoptosis Protein in pET28a and its Protein Expression Study
P138	Sarina Salimpour	Investigation of the Toxicity of Meso-cavity MCM-41 Functionalized with Dipicolinic Acid
P139	Hooman Keyvani	Study on the Interaction of Serotonin with Human Serum Transferrin
P140	Sara Sadrian	Evaluation of the Effect of Free Naringin and Naringin Immobilized on Polycaprolactone (PCL) Scaffold on Glycation of Human Serum Albumin
P141	Sadegh Karimzadeh	The Effect of Mila mix® Concentrate Contains Hydrolyze Yeast Protein on Honey Production, Intestinal Bacterial Population and Survival Rate in Honey Bees