

1st Day: Thursday 27 April 2023**Mini-Oral Presentation-1**
Hall 2 15:30-17:00**Vaccine**

1	23217	Zahra Saleh	Frequency of B-cell subpopulations in low responders in comparison with high responders to hepatitis B vaccine among health care workers
2	25568	Anita Lotfi	Enhancing antibody responses to Plasmodium falciparum generative cell specific 1 antigen, designed as self-assembled peptide nanoparticles (SAPN)
3	25576	Sakineh Pirahmadi	Selection of combination adjuvants for enhanced potency of a recombinant vaccine against Plasmodium falciparum: Toward precision adjuvants
4	25628	Aref Sepasi	An in-house Human Influenza vaccine in MF-59 adjuvant: A report on vaccine potency and efficacy
5	25565	Yousef Tarverdizadeh Khorjin	A CRISPR-based live-attenuated a Salmonella Typhi candidate vaccine can efficiently protect against the bacterium in mice
6	23172	Zahra Yazdani	Designing and in silico evaluation of a multi-epitope peptide-based vaccine against Monkeypox
7	30010	Zeinab Pourhashem	Immunogenicity of Anopheles stephensi alanyl aminopeptidase N1 antigen formulated with CPG, MPL, or QS-21 adjuvants as a Malaria transmission-blocking vaccine candidate
8	31681	Mona Roozbehani	Characterization of a multi-epitope peptide with selective MHC-binding capabilities encapsulated in PLGA nanoparticles as a novel vaccine candidate against Toxoplasma gondii infection

Immunovirology

9	30331	Saeed Firoozi Ghahestani	Serosurvey of hepatitis A virus infection among municipal sweepers working in the Shiraz south of Iran
10	30333	Saeed Firoozi Ghahestani	The sero prevalence of hepatitis C viruses in municipal waste collectors in Shiraz, Iran
11	30334	Saeed Firoozi Ghahestani	Serosurvey of hepatitis E virus infection among municipal sweepers working in the largest city in the south of Iran
12	30406	Afsane Fadaee khoob	Higher expression of Cannabinoid receptor 2 (CB2R) in patients with HTLV-1 associated myelopathy/tropical spastic paraparesis (HAM/TSP)
13	30151	Mostafa Aalipour	Association between Rotavirus Infection and Irritable Bowel Syndrome: A Case-control Study in Iran

Veterinary Immunology

14	25662	Mohammad Ali Shamshirgaran	Production of polyclonal antibody against NetB toxin of Clostridium perfringens
15	30251	Milad Shahbazi Asil	Searching for the expression of toll-like receptor 2, 4 and 9 genes in the blood leukocytes of dogs with canine parvovirus disease by Real time quantitative (q)PCR
16	30253	Amirhossein Valafar	Experimental study on mRNA expression of CD4 and CD8 in blood leukocytes of parvovirus-infected dogs with (q)PCR
17	25622	Yousof Karami	Molecular detection of Brucella spp. infection in the horse population of Kerman
18	28879	Mehran Bakhshesh	Anti-parvovirus IgG purification from dog



1st Day: Thursday 27 April 2023

Mini-Oral Presentation-2 Hall 5 15:30-17:00

Immunoinformatics & *In silico* Immunology

1	30402	Mina Mohammadrezaei	Introducing an allergy vaccine designed by immunoinformatics methods for the most allergenic tree pollen in Iran (<i>Platanus orientalis</i> , <i>Fraxinus excelsior</i> , <i>Betula pendula</i>)
2	30317	Ali Torkian	Design of a new multi-epitope oral vaccine against brucellosis based on T and B cell epitopes by using bioinformatics methods
3	29990	Kiarash Saleki	Alteration of NEK7-NLRP3 inflammasome interactions by triple-H therapy in subarachnoid hemorrhage (SAH): Immune epitope mapping and <i>in silico</i> molecular dynamics study
4	30206	Mahdieh Azizi	A bioinformatics analysis for determine the role of miR-451a in immunogenic cell death amplification
5	30213	Masoumeh sadat Derakhsh	A novel multi epitope vaccine candidate Design against Brucellosis by <i>in silico</i> tools
6	30388	Mina Noroozbeygi	A novel allergy vaccine against the most allergenic grass pollen (<i>Cynodon dactylon</i> , <i>Poa pratensis</i> , <i>Phleum pratense</i>): an <i>in-silico</i> based study
7	30161	Parsa Alijanizadeh	Design of a multiepitope chimeric vaccine utilizing bacterial infections associated with Alzheimer's disease, cognitive impairment, and dementia via high-throughput Immunoinformatics approaches
8	30265	Mina Noroozbeygi	Designing an <i>in-silico</i> -based multi-peptide vaccine against the most common and allergenic weed pollen grains: <i>Amaranthus retroflexus</i> , <i>Chenopodium album</i> , <i>Salsola kali</i>

Innovative Technologies in Immunology

9	27799	Delbar Daneshjou	Scalable culture strategy for the expansion of Natural Killer T cells from umbilical cord blood
10	32947	Nafiseh Sadat Mousavi	Evaluation of anti-cancer effect of a diabody against PD-1 and CTLA-4 on breast cancer cells
11	28873	Misagh Rajabinejad	Production, purification, and characterization of Human heavy chain ferritin (HF _n) for use as a nanocarrier
12	23175	Sahar Tahaghoghi Hajghorbani	Targeting the Tumor Microenvironment by Liposomal Epcadostat in combination with Liposomal gp100 Vaccine
13	31849	Faezeh Shahba	Design and Preparation of Diagnostic Slides for Antineutrophil Cytoplasmic Antibodies (ANCA) by Indirect Immunofluorescence Method

Nanoimmunology

14	30468	Zahra Karami	Anti-inflammasome-based treatment of atherosclerosis using a biomimetic cell membrane-coated nanoparticle
15	32955	Maryam Abbaspour	Development of tumor cell lysate-based nanoparticles as a promising approach for breast cancer vaccine
16	30146	Parisa Amirkalvanagh	IFN- λ 1- loaded PLGA nanoparticles decrease metastases in the mouse 4T1 breast tumor model
17	28916	Sarvenaz Kashefi	Anticancer effects of chitosan nanoparticles mediated delivery of miR-340 in breast cancer
18	25707	Rezvan Shamsi	Evaluation of anti-inflammatory effects of Nilotinib-loaded Chitosan nanoparticles in mouse bearing colorectal cancer
19	30173	Amirhossein Mardi	Nanocurcumin modulate Th17 cell responses in moderate and severe COPD patients
20	25582	Maryam Yavari	Anti-tumor efficiency of nanoliposomes encapsulated ginger in colorectal cancer-bearing mice
21	24239	Akram Zangeneh	Biosynthesis & chemical characterization of <i>Artemisia Dracunculus</i> extract capped gold nanoparticles for treatment of AML in comparison to doxorubicin in a leukemic mice model

1st Day: Thursday 27 April 2023**Mini-Oral Presentation-3 Hall 6 15:30-17:00****Immunoparasitology**

1	25584	Mahshid Mohtashami fard	Comparison of the immune responses of macrophages of BALB/c and C57BL/6 mice exposed to saponin adjuvant and Leishmania major parasite lysate
2	31709	Azam Pourabbasi Ardekan	Evaluation of the effect of miR-155 - chitosan nanoparticles on Leishmania major infected macrophages
3	34089	Asal Katebi	SLA-R848-Pam3CSK4 combination as a therapeutic vaccine for treatment of experimental cutaneous leishmaniasis
4	30233	Mohammad Mahdi Jafari	The assessment of C57BL/6 mice-derived exosome effect on polarization and parasite killing activity of infected BALB/c macrophages with Leishmania major
5	25621	Kobra Mokhtarian	Effect of Fasciola hepatica protein products on Asthma and Allergy
6	28892	Soheila Ajhdari	Cross-reactive immune responses between apyrases from Phlebotomus kandelakii, and Phlebotomus Papatasi
7	30166	Mahmoud Nateghi Rostami	Trained immunity in Leishmania infection following BCG administration
8	32892	Ashkan Hajjafari	Efficacy of mesenchymal stem cell therapy in solving parasitic drug resistance: a systematic review
9	30137	Minoo Tasbihi	Evaluation of proteins involved in drug resistance of Leishmania by mitochondrial proteomics
10	34030	Mahboobeh Salimi	Design of a new electrochemical immunosensor based on screen printed carbon electrode modified with carbon nanofibers and gold nanoparticles for detecting anti-Toxoplasma gondii IgG antibodies
11	31555	Nazanin Hemmati	Evaluation of CD4+ and CD8+ T-Cell Responses to cutaneous leishmaniasis in BALB/c mice treated with silver proteinate (Protargol) and silver sulfadiazine

Mucosal Immunology

11	24341	Jamal ladin Tabatabaiy aghda	Ameliorative effects of silver nanoparticles synthesized using the aqueous extract of Artemisia Annuum on ulcerative colitis in rats
12	24342	jamal ladin Tabatabaiy aghda	The gold nanoparticles synthesized using the aqueous extract of Artemisia dracunculus effectively prevent induced gastroduodenal ulcer
13	24325	Neda Ahmadiashar	The silver and zinc nanoparticles synthesized using the aqueous extract of Matricaria chamomilla effectively prevent induced ulcerative colitis.
14	24290	Navid Etemadi	Investigating the effect of silver and zinc nanoparticles on the aqueous extract of Matricaria chamomilla plant on ulcerative colitis in male rats
15	28920	Sepideh Moradkhani	Association of the Reduced Level of Interleukin-13 in Breast Milk with Chronic Diarrhea in Infancy
16	24425	Maryam Almasi	Anti-inflammatory Activity of nanoparticles synthesized with Falcaria vulgaris(paghazeh)on gastric ulcer in rats
17	24330	Somayeh Ahmadiashar	The zinc and gold nanoparticles synthesized using the aqueous extract of Falcaria vulgaris effectively prevent induced ulcerative colitis.



1st Day: Thursday 27 April 2023

Mini-Oral Presentation-4

Hall 7

15:30-17:00

Reproductive Immunology

1	31498	Fatemeh Rezayat	Comparative Study of the Immunomodulatory Effects of Two Accepted Immunotherapies on NKT subsets in Women with Recurrent Spontaneous Abortion
2	25710	Maryam Zare Moghaddam	Evaluation of $V\alpha 7.2-J\alpha 33$, $TNF-\alpha$, $IL-17A$, $IFN-\gamma$ mRNA expression in eutopic and ectopic tissue of endometriosis patients
3	31786	Mahtab Fasihi	Analysis of the frequency of MDSCs in an Abortion-Prone Murine Model
4	30292	Leila Bordbar	Investigation the frequencies of TCD4+ memory cell subsets in pregnant women complicated with lupus
5	29963	Setareh Karimi	Frequency changes in decidual myeloid cells of abortion prone mice following adipose derived mesenchymal stem cells therapy
6	29930	Nasim Abbasi	The effect of decidual microenvironment from normal and abortion prone pregnant mice on macrophage phenotype
7	28929	Maryam Rezanejadamirdehi	Reduced frequency of CD4+FOXP3+CD39+CD73+regulatory T cells and gene expression of adenosine 2A receptor in peripheral blood mononuclear cells of unexplained infertile females

Immunosenescence and Aging

8	23116	Niloofer Mashhadi	CD3+CD4-CD153+ lymphocytes increase in the peripheral blood of patients with Buerger's disease
9	23117	Niloofer Mashhadi	CD153+ activated monocytes increase in the peripheral blood of patients with Buerger's disease
10	28951	Afsaneh Zare	Rs2295080 single nucleotide polymorphism of mTOR in diabetic patients with and without atherosclerosis

Psychoneuroimmunology

12	23205	Sajad Chamani	Resolution of Inflammation in Neurodegenerative Diseases: The Role of Resolvins
13	25574	Arezo Rajabian	The Possible Protective Roles of <i>C. spinosa</i> Against neuro-inflammation and neuro-toxicities of Acrylamide
14	25653	Reihaneh Khaleghimoghadam	Assessment of IL-21 and IL-22 in major depressive disorder follow-up sertraline treatment

Immunogenetics

15	29928	Ghasem Solgi	HLA-DRB1 and -DQB1 alleles and haplotypes frequencies among children with T1D and their siblings in Hamadan province, West-Iran.
16	25558	Maryam Farghadan	The effect of APR246 small molecule on the expression of ER stress genes related to apoptosis in rheumatoid arthritis fibroblast-like synoviocytes
17	24252	Sajad Alavimanesh	IL-10 Promoter gene polymorphism (rs1800896) patients with colorectal cancer.
18	35605	Mina Roshan Zamir Shirazi	The impact of killer cell immunoglobulin-like receptor (KIR) genes and HLA class I ligands on predisposition or protection against prostate cancer



2nd Day: Friday 28 April 2023

Mini-Oral Presentation-5
Hall 2
15:30-17:00

Cancer Immunology (1)

1	25537	Mohammad Mahdi Mehrshad	A New Urinary Profile of Biomarkers for Early Diagnosis of Lung Cancer
2	24313	Reza Darvishvand	NK cell subsets and their functional molecules in peripheral blood of the patients with breast cancer
3	31666	Ata Moghimi	Effect of small interfering RNA (siRNA)-mediated silencing of PD-L1 on BCL-2 expression in HN5 Cell Line
4	30195	Jahangir Abdesheikhi	Protective potential of piroxicam on human peripheral blood mononuclear cells against the suppressive capacity of glioblastoma cell lines
5	31777	Nasir Arefinia	Role of microRNA-124/EZH2 axis in EBV-infected Gastric cancer
6	31787	Farshid Zamani	Evaluation of the effects of exosomes derived from glioblastoma associated mesenchymal stem cells on peripheral blood lymphocytes proliferation and monocytes function.
7	30528	Najibeh Shekari	Silencing V-set and immunoglobulin domain containing 3 (VSIG-3) reduced cell viability in the A2058 melanoma cell line
8	30273	Hosein Hakimi	IL-21 and anti-BCR activated B cells induced apoptosis in breast cancer cell line
9	30375	Mehran Gholamin	Immune checkpoint and epithelial-mesenchymal transition gene expressions in esophageal squamous cell carcinoma; A computational study
10	25665	Zahra Roshanizadeh	Importance of Nectin2, NUF2, and Nectin4 Genes Expression in Pathogenesis of Different Subtypes of Breast Cancer
11	30158	Reza Karbalaee	Evaluation the anti-tumor responses in a mouse model colorectal cancer following administration of Lactobacillus casei
12	23102	Mahdiyeh Sameiee	Anticancer and Immunomodulatory activities of root and aerial part extracts and fractions of Arctium lappa L against breast cancer cell lines
13	30059	Hadiseh Farahani	Expression of immune check points and memory T cell marker in seminoma and dysgerminoma
14	31830	Nazanin Aghamohamadi	Evaluation of the effect of c-Kit L and Anti-c-Kit on the expression of E-cadherin and Vimentin involved in EMT process in MDA-MB-468 cancer cells
15	30540	Maryam Sadri	Inhibition of hypoxia-induced metastasis using a HRE-harboring vector
16	30538	Maryam Sadri	Cobalt chloride-induced hypoxia induces EMT in SKBR3 and HEK293T cell lines
17	30501	Faezeh Absalan	Effect of rIL-10 on the expression of granzyme B in B cells derived from tumor-draining lymph nodes of patients with breast cancer
18	30493	Amirreza Mehmandar oskuie	Cell-Free Supernatant from Probiotic Lactobacillus Reuteri Promotes Anti-proliferative and Anti-inflammatory Effect: A Promising Candidate in Colorectal Cancer
19	35501	Aida Khademolhosseini	IL-38 Serum Levels in Iranian Women with Breast Cancer: A Case-Control Study

2nd Day: Friday 28 April 2023

Mini-Oral Presentation-6

Hall 3 15:30-17:00

Tolerance and Autoimmunity

1	28821	Negin Karamali	Changes in the expression of Synovialin, miR-125a-5p, and miR-19b-3p in peripheral blood of patients with rheumatoid arthritis during treatment with conventional DMARDs and methylprednisolone
2	28960	Paria Heydarinezhad	Study of FOXP3 gene polymorphisms in systemic lupus erythematosus female patients with skin involvement and the relation to clinical and paraclinical characteristics
3	25613	Sara Hosseini	Investigation of the impact of mesenchymal stromal cells injection in renal function of healthy and lupus balb/c mice models
4	31588	Leila Mohamed Khosroshahi	Analyzing the role of inflammation-related circRNA in the pathogenesis of MS using an animal model
5	30459	Marjan Taherian	Insights into Overlapping of Fibrosis and Cancer: Exploring the Tumor-related Cardinal Genes in Idiopathic Pulmonary Fibrosis
6	32950	Razia Khorrami	Combination of aptamers with gold nanoparticles ameliorated psoriatic lesions in imiquimod-induced psoriasis mouse model
7	28933	DelAram Arjmandi	Chlamydia pneumonia infection and risk of multiple sclerosis: a meta-analysis
8	23141	Mohammad Reza Javan	An interleukin 12 B single nucleotide polymorphism increases IL-12p40 production and is associated with increased disease susceptibility in patients with relapsing-remitting multiple sclerosis
9	34077	Shirin Sadat Taghizadeh	Evaluation of the different approaches in the treatment of EAE animal model: Caspr- conjugated and exosome-labeled gold nanoparticles
10	35432	Hanieh Semsari	Association of Human Endogenous Retrovirus-W (HERV-W) Copies with Pemphigus Vulgaris Patients
11	35489	Melika Gorgani	Comparison of the PD-1 expression level in peripheral blood of Multiple Sclerosis and Neuromyelitis Optica patients
12	31607	Mohammad Reza Zabihi	Analyzing the role of RasGEF1b circRNA in macrophage activation and its expression in EAE animal model

Immunology of Rheumatic Diseases

13	31785	Roghaye Keshavarz Sadegh	Analysis of the effect of MMP-9 -1562C/T gene polymorphism on MMP-9 serum level in rheumatoid arthritis patients
14	34100	Paria Bayati	Induced pluripotent stem cells modulate the Wnt pathway in the course of the bleomycin-induced model of idiopathic pulmonary fibrosis
15	31542	Maryam Mohammadi	Anti-inflammatory and anti-oxidant effects of Punica granatum and Berberis vulgaris juice on Adjuvant-induced arthritis model in rats
16	30451	Ashkan Rasouli-Saravani	Peripheral distributions of IL-4-producing CD4 + T cells and CD4 + CD25 + FoxP3 + T cells (Tregs) in rheumatoid arthritis patients with poor response to therapy are associated with ACPA status
17	30473	Hanieh Kolahdooz	The suppression of IL17/IL23 immunopathogenic axis by Curcumin-Niosome in skin lesions of Psoriatic patients: A double-blind placebo-control clinical trial study
18	34124	Navid Shomali	Survivin; a novel therapeutic target that correlates with survival of auto reactive T lymphocytes obtained from patients with ankylosing spondylitis
19	30286	Andisheh Mosaffa	Investigation the frequencies of TCD8+ memory cell subsets in pregnant women complicated with lupus

2nd Day: Friday 28 April 2023**Mini-Oral Presentation-7****Hall 4 15:30-17:00****Immunopharmacology and Herbal Medicine**

1	24395	Jamal ladin Tabatabaiy aghda	Improving effects of gold and copper nanoparticles on synthesized using aqueous extract of <i>Falcaria vulgaris</i> on acetic acid-induced ulcerative colitis in rats
2	25517	Seyedeh shima Hashemi	Salvurmin A and Salvurmin B, Two Ursane Triterpenoids of <i>Salvia Urmienensis</i> Induce Apoptosis and Cell Cycle Arrest in Human Lung Carcinoma Cells
3	24323	Neda Ahmadiafshar	The silver nanoparticles synthesized using the aqueous extract of <i>Artemisia</i> (<i>Mugwort</i>) effectively prevent induced gastroduodenal ulcer.
4	26757	Ali Rahimi	The effects of Apigenin on the inhibition of inflammatory responses and oxidative stress in the lung injury: A systematic review and meta-analysis
5	25507	Nazanin Shahnoruzi	The effect of three medicinal herbs of traditional medicine on immunological changes in type 2 diabetes patients
6	30360	Ghazaleh Alizad	Effect of Berberine on drug-resistance associated autophagy in leukemia cells of Chronic Lymphocytic Leukemia
7	24424	Maryam Almasi	The role of synthesized <i>Falcaria vulgaris</i> nanoparticles in the management of non-alcoholic fatty liver disease
8	24245	Mahtab Pourkamalzadeh	The gold nanoparticles synthesized using the aqueous extract of <i>Allium saralicum</i> and zinc effectively prevent induced gastroduodenal ulcer
9	25632	Mahtab Pourkamalzadeh	Alteration of macrophage function in mice treated with hydroalcoholic extract of sumac
10	24329	Somayeh Ahmadiafshar	The silver and zinc nanoparticles synthesized using the aqueous extract of <i>Allium Saralicum</i> R.M. Fritsch effectively prevent induced ulcerative colitis.
11	28950	Parnian Navabi	Comparison of the effects of Methamphetamine, Methylphenidate and Risperidone on RAW 264.7 cells cytokine expressions
12	28938	Farahzad Jabbari Azad	Evaluating the Efficacy of <i>Althaea Officinalis</i> Extract in Atopic Eczema Patients: a Double-blind Randomized Controlled Trial
13	25570	Rouhollah Hemmati Bushehri	Liposomal rosemary develops antitumor properties in colorectal cancer.
14	24241	Akram Zangeneh	Ameliorative effects of silver and zinc and gold nanoparticles synthesized using the aqueous extract of <i>Allium saralicum</i> on ulcerative colitis in rats
15	24242	Akram Zangeneh	Comparative Effects of Gold and Zinc Nanoparticles of <i>Allium saralicum</i> Aqueous Extract against Acetaminophen-induced Nephrotoxicity in Mouse

Allergy and Immunotherapy of Allergic Diseases (Basic & Clinical)

16	23067	Fahimeh Rostamabadi	Investigation of Tea grass extract on the expression of GATA3, T-bet, Foxp3 genes in balb/c mice with allergic asthma
17	31774	Fatemeh Kaveh-Yazdy	Allergy co-factor existence prediction using bipartite graph modularity applied to co-occurrence matrix
18	23046	Farzaneh Kianian	Protecting the kidneys through reducing oxidative stress by long-term administration of sodium hydrosulfide in ovalbumin-induced chronic asthma
19	30293	Sajad Azimi mehrabadi	Identification of encoding genes of ns-LTP proteins in <i>S. melongena</i> plant and prediction of major allergenic epitopes of these proteins by immunoinformatic tools
20	31547	Alireza Fereidouni	Laboratory findings in a group of patients suffering from urticaria
21	31530	Bahareh Ansari	Sublingual immunotherapy by nanofibers containing allergen and curcumin in mic model of allergy

2nd Day: Friday 28 April 2023**Mini-Oral Presentation-8****Hall 5****15:30-17:00****Cancer Immunotherapy**

1	35310	Masoumeh Alimohammadi	Dual blockage of both PD-L1 and CD47 enhances the therapeutic effect of oxaliplatin and FOLFOX in CT-26 mice tumor model
2	32863	Fatemeh Nasiri-Dashtaki	Immunotherapy of Malignant Melanoma: a case report
3	30102	Reza Karbalaee	Investigating the effects of mesenchymal stem cells carrying Coxsackie oncolytic virus in treatment of colorectal cancer in mice model
4	35337	Nafiseh Sadat Mousavi	Evaluation of anti cancer effect of a tandem diabody against PD-1 and CTLA-4 on breast cancer cells
5	25687	Setareh Azarkar	Single-cell RNA sequencing revealed the role of cytotoxic CD8+ T cells in response to immunotherapy of targeting PD-1 in head and neck squamous cell carcinoma
6	23049	Tina Nayerpour dizaj	Assessment of PSCA Antigen Expression in Prostate Cancer Tissues Using Antibody Conjugated to Iron Nanoparticles (SPIONs)
7	25615	Mina Alimohammadi	Efficacy and safety of pembrolizumab monotherapy or combined therapy in patients with metastatic triple-negative breast cancer: A systematic review and meta-analysis
8	25616	Mina Alimohammadi	Efficacy and safety of atezolizumab monotherapy or combined therapy with chemotherapy in patients with metastatic triple-negative breast cancer: A systematic review and meta-analysis of randomized controlled trials
9	34091	Milad Karimi	Hypoxia induction by the Whitley Jar Gassing System
10	30008	Zahra Mokhtari	Tim3 as a therapeutic and prognostic marker in colorectal cancer: relationships with sidedness, clinicopathological parameters, and survival
11	30124	Tahereh Soltantoyeh	Soluble and Immobilized Anti-CD3/28 Distinctively Expand and Differentiate Primary Human T Cells: An Implication for Adoptive T Cell Therapy
12	30131	Vahid Khaki	Small molecule cabozantinib improves response to anti-HER2 monoclonal antibody therapy via attenuation of MDSC recruitment and function
13	34140	Parviz Kokhaei	IL-25 impact on malignant B cells survival and T cells activation in chronic lymphocytic leukemia
14	35254	Shafieeh Mansoori	Construction of reprogrammed CAR-T cells for inverting immunosuppressive effects of TGFb1

Immunodeficiency

15	35367	Maryam Sharifi	Comparison of Clinical Manifestations, Immunological Analyses Between LRBA and CVID Patients: A Longitudinal Study
16	31771	Shideh Namazi	Unbalanced T-cell subsets in pediatric patients with beta-thalassemia



2nd Day: Friday 28 April 2023

Mini-Oral Presentation-9

Hall 6

15:30-17:00

Cancer Immunology (2)

1	30446	Maryam Asadi	Generation of Anti CD38 Chimeric Antigen Receptor Natural Killer Cells as an Off-the-Shelf Cancer Immune Therapy Approach
2	23093	Armin Akbar	Evaluation of mRNA expressions of TOX factor pathway in CD8+ T-cells in ALL and AML
3	25479	Sara Khorami sarvestani	Cancer is associated with the emergence of placenta-reactive autoantibodies
4	25556	Parisa Khalaji	Evaluation of anti-cancer effects of Newcastle virus and Gold nanoparticles on Cervical cancer cell line (TC-1)
5	23096	Armin Akbar	Relative expression of CD112 and BATF in PBMC of patients with chronic lymphocytic leukemia
6	28952	Mahdi Bagheri	Investigation the effect of ibuprofen on drug resistance of 5-fluorouracil (5-FU) in gastric cancer cell line
7	31723	Ali Zarezadeh mehrabadi	Evaluating the effect of IL-1 receptor accessory protein (IL1RAP) gene knock down with specific siRNA on the expression of E-Cadherin and N-Cadherin molecules in BT-549 breast cancer cell line
8	31684	Mehdi Zandi	Curcumin synergistically enhanced the antiproliferative activity of doxorubicin in breast cancer
9	30439	Mahsa Taghavi Farahabadi	Exosomes derived from LPS-induced Macrophages increased the phagocytosis capacity of macrophages
10	25748	Farnaz Farahmand	Expression of TIM-3 inhibitory immune checkpoint in tumor tissues of patients suffering from Bladder cancer
11	26762	Saad Asakere	CXCL16 and CXCR6, novel prognostic factors for breast cancer
12	30396	Soroor Eslahi	The Cytotoxic Effect of Natural Killer Cells Derived Extracellular vesicles (NK-EVs) on pancreatic cancer spheroids
13	25733	Fatemeh Ghorbani	Synthesis, characterization and both in vivo and in vitro toxicity assessment of new cobalt Schiff base complex in breast cancer mouse model; Theoretical calculations
14	25737	Fatemeh Ghorbani	Toxicity assessment of Auraptene in Acute Myeloid leukemia
15	25520	Ghazal Vakilzadeh	Evaluation of anti-cancer effects of Newcastle virus and copper nanoparticles on breast cancer cell line (MCF-7)
16	24464	Nazila Alizadeh	Micro RNA-34a increases carboplatin sensitivity in MCF-7 breast cancer cells by inducing apoptosis
17	23114	Sara Iranparast	Altered Expression Levels of MicroRNA-155 and SOCS-1 in Peripheral Blood Mononuclear Cells of Newly Diagnosed Breast Cancer Patients
18	30368	Zahra Mansourabadi	Expression of PD-1 and its ligands, PDL-1 and PDL-2, in tumor draining lymph node of patients with breast cancer
19	34099	Seyed Mohammad Javadzadeh	Can we consider soluble herpes virus entry mediator (sHVEM) as a tumor marker?

**2nd Day: Friday 28 April 2023****Mini-Oral Presentation-10****Hall 7****15:30-17:00****Cancer Immunology (3)**

1	30387	Raziyeh Zandvakili	Celecoxib-treated dendritic cells-based vaccine enhanced cellular immunity protection against 4T1 tumor in a mice model
2	30419	Zahra Mansourabadi	NK cell subsets in patients with acute myeloid leukemia (AML)
3	32991	Majdedin Ghalavand	miR-122 is more effective than rapamycin in inhibition of Epithelial-to-Mesenchymal Transition and mTOR signaling pathway in triple-negative breast cancer
4	24270	Fereshteh Vaziri Nezamdoost	Evaluation of the Effects of Curcumin and its Two Nanoforms on the Cancerous and Normal Cell Lines in the Presence of Radiation
5	30490	Maryam Hosseini	Texosomes Enriched By MicroRNA-34a Inhibit Inflammation-Induced Proliferation And Migration Of Colorectal Cancer Cells
6	29987	Maryam Ajami	The performance of CD137L-Dendritic cells versus patient-derived melanoma cells; Evaluation of induced CTL' function
7	30030	Mina Mohamadtaheri	Evaluation of apoptotic effects of Nilotinib-Chitosan nanoparticles in mouse bearing breast cancer
8	29973	Neda Parvini	Programmed death Protein-1 blockade increases cytotoxicity effect of Natural Killer Cells
9	25475	Hossein Rahavi	Efficacy of therapies targeting TGF- β in solid tumors: a systematic review and meta-analysis of clinical trials
10	25561	Arash Samoudi	Inhibition of Cyclooxygenase-2 enhances anti-cancer responses in breast cancer: modulation of Cancer-Associated Fibroblasts
11	35170	Razieh Kiani	Investigation of soluble and full length CTLA-4 mRNA in peripheral blood of patients with breast cancer
12	30426	Elham Shokati	Astragalus Polysaccharide (APS) Mediates Immunomodulatory Effects on Crosstalk between Human Peripheral Blood Mononuclear Cells and Ovarian Cancer Cell line
13	30522	Elnaz Jalilian	Curcumin Increases Immune-Stimulatory Properties of human Breast Cancer-Associated Fibroblast Via COX-2 Inhibition
14	27812	Samira Tabaei	Immunoproteomics Analysis for Identification of Novel Biomarker as a tumor-associated antigen in Bladder Cancer Patients
15	25651	Razieh Kiani	Overexpression of Wilms' Tumor 1 protein in the patients with Glioblastoma Multiform
16	25696	Razieh Kiani	High expression of PD-1 on memory T cells in breast cancer draining lymph nodes: exhaustion or activation?
17	25485	Maryam Talebaleili	Evaluation of the adenosine-treated splenocytes supernatant's effects on 4T1 cell line
18	25506	Niloufar Kherady	Effects of breast cancer cells-derived exosomes on the expression pattern of endothelial to mesenchymal transition (EndMT) markers in HUVEC cell line
19	23091	Elahe Zeinali	Valproic Acid Inhibits Cell Proliferation and PD-L1-Mediated Tumor Immune Escape through Targeting CIP2A and C-MYC/PI3K/Akt/ mTOR Signalling Molecules in Breast Cancer



3rd Day: Saturday 29 April 2023

Mini-Oral Presentation-11

Hall 7

8:00-10:00

COVID-19 Immunology and Vaccines

1	31496	Samaneh Abdolmohammadi Vahid	Interferons expression by T Lymphocytes of COVID-19 patients, upon stimulation with toll-like receptor (TLR) agonists and SARS-CoV-2 antigens
2	31776	Nasir Arefinia	Association between expression of TLR 3, 7, and 8 genes and severity of COVID-19
3	30294	Hamideh Mohammadi-Berenjestanaki	Association between angiotensin-converting enzyme-2 gene polymorphism (rs2108609) with severity and outcome of COVID-19 infection
4	30401	Shahrazad Matinfar	Investigation of Seroconversion Pattern of Specific Antibodies to Different Antigens of SARS-CoV-2 in Hospitalized COVID-19 Patients and Vaccinated Persons: Future Cohort
5	23135	Hasan Namdar Ahmadabad	Relationship between complement system in COVID-19 patients at the time of admission and the clinical outcomes
6	28894	Melika Haghighi	Improvement of the inactivated SARS-CoV-2 vaccine potency through formulation in alum/naloxone adjuvant; Robust T cell and anti-RBD IgG responses
7	28896	Melika Haghighi	Different Formulations of Inactivated SARS-CoV-2 Vaccine Candidates in Human Compatible Adjuvants: Potency Studies in Mice Showed Different Platforms of Immune Responses
8	31754	Ensiyeh Torki	HLA-A*11, -B*50, and -C*07, IL-6, and CRP are associated with Long Covid-19 Syndrome: A Cross-sectional study
9	31803	Shirin Beyranvand	Study of frequency and inheritance model of ACE1 I/D and ACE2 rs2285666 polymorphisms in COVID-19 patients with varying severity of lung involvement and its effect on serum cytokines levels
10	30491	Mahdieh Shokrollahi Barough	A large retrospective Cohort study of laboratory symptoms of COVID-19 disease in various comorbidities
11	23167	Safa Tahmasebi	Immunomodulatory effects of Nanocurcumin on NK cell responses in COVID-19 patients
12	28891	Mehdi Shahbazi	The frequency of CD4+ HLA-G+ T lymphocytes, CD8+ HLA-G+ T lymphocytes and CD14+ HLA-G+ monocytes in patients with SARS-coronavirus-2
13	31755	Arezou Gharezade	HLA-DRB1*01, TNF- α , and anti- β 2GPI-IgG are associated with chronic COVID-19 syndrome: A Cross-sectional study
14	30029	Mohsen Rastegari Pouyani	The quantity and quality of anti-SARS-CoV-2 IgG antibodies are inversely correlated with COVID-19 severity: Lessons learned from IgG avidity
15	28907	Ali reza Andalib	NLRP3 gene expression in PBMCs of COVID-19 patients and their relationship to disease severity
16	23152	Hamidreza Yadegari	Serological diagnosis of SARS-CoV-2 by novel nucleocapsid specific monoclonal antibodies using a sandwich ELISA
17	30001	Fereshteh Ebrahimi	Correlation between HSP27 gene expression levels and severity of symptoms in patients with COVID-19
18	24461	Parisa Feizollahi	Evaluation of MDA-5 and IFN- β genes expression in the patients with COVID-19



Mini-Oral Presentation-11
Hall 7
8:00-10:00

COVID-19 Immunology and Vaccines

19	25513	Shabnam Babaei	T Lymphocyte Exhaustion and Reduction under Serological Changes, and the Predictors of COVID-19 Progression
20	23171	Zahra Yazdani	Designing an efficient multi-epitope peptide vaccine candidate against SARS-CoV-2 by in silico method
21	30205	Narges Ebrahimi	CNS demyelinating disease following inactivated or viral vector SARS-CoV2 2 vaccines
22	30256	Farshid Saadat	Toxoplasmosis impact on hospitalized patients with moderate and severe Covid-19
23	30291	Omid Yeganeh	Designing a multi-epitope vaccine against SARS-COV-2 targeting the RBD domain and monitoring with biosensors: an immunoinformatics approach
24	31726	Roqayeh Aliyari	Adverse events of special interest after vaccination with Covid-19 vaccines: A Cohort Study
25	31793	Vahid Bagheri	Chemokine CCL2 and chemokine receptor CCR2 in patients with COVID-19
26	30004	Hamed Mohammadi	MMP9 rs3918242 polymorphisms increases the risk of neurological symptoms in the COVID-19 patients
27	29951	Hossein Khorramdelazad	Evaluation of the interaction Between TGF- β and Interferon Type I Pathways in Patients with COVID-19: Focusing on ages 1 to 90 years
28	29932	Farahzad Jabbari Azad	Evaluation of Serum Total IgA in Severe and Mild COVID-19 Patients Compared to Control Group
29	25702	Hossein Azadinejad	Evaluation of the relationship between three IL-10 genotypes (rs1800896 (-1082 T>C), rs1800871 (-819 A>G), rs1800872 (-592 T>G)) with the severity of COVID-19
30	24430	Narges Karami	Comparing the Antibody Reactions to the AstraZeneca and Sinopharm Vaccines
31	24381	Faezeh Maghsood	Broad spectrum reactivity of neutralizing mouse monoclonal antibodies against SARS-CoV-2 variants of concern
32	24335	Maryam Noroozi	T helper subsets concentrations of critical COVID-19 patients after 5 days of treatment with Remdesivir



3rd Day: Saturday 29 April 2023

Mini-Oral Presentation-12

Hall 7

10:30-12:30

Immunomodulation and Immunoregulation

1	29927	Sepideh Sarfi	Effect of hydroalcoholic <i>Elaeagnus Angustifolia</i> extract on immunomodulatory genes and wound healing in human fibroblast cells
2	30011	Mansoor Saharkhiz	Expression of immunomodulatory biomarkers in human dental pulp mesenchymal stem cells treated with curcumin
3	25572	Maryam Nafar Sefiddashti	Evaluation of Monocyte Response due to Implant of a Controlled Released Drug Delivery System of Chitosan Hydrogel Loaded with Selenium Nanoparticle in Rats with Experimental Spinal Cord Injury
4	34153	Paria Bayati	Immunomodulatory effects of the induced pluripotent stem cells through expressing IGF-related factors and IL-10 in vitro
5	28837	Mohsen Naseri	Effect of HM-Exos on the migration and inflammatory response of LPS-exposed dental pulp stem cells
6	28856	Mohsen Naseri	The relationship analysis of microRNA-146a rs2910164 polymorphism with risk of colorectal cancer in province of South-Khorasan, Iran
7	30111	Mohammad Hossein Etemadi	Correlation of MIR-595 expression in PBMCs of patients with coronary artery disease in comparison to the control group
8	25685	Amirmohamad saeedifar	Evaluation of RAW 264.7 macrophage cytokine expressions affected by opium and detoxification drugs
9	24440	Marziyeh Soltani	The role of autoantibodies against myelin-associated glycoprotein in Schizophrenia
10	34061	Zahra Mirsanei	The effects of dexamethasone-loaded exosomes on lung injury in CLP-induced sepsis mice
11	30226	Halimeh Hassanzadeh	Investigating the effects of lithium chloride on immunomodulatory properties of bone marrow-derived mesenchymal stem cells
12	30442	Mohammad Mahmoudi	M1 Macrophages-derived exosomes increased the expression of M1 phenotype-related markers

Stem cell and Immune Cell Therapy

13	30322	Mohammad reza Bolouri	Human amniotic epithelial cells exert anti-cancer effects through secretion of immunomodulatory small extracellular vesicles (sEV)
14	31642	Marjan Taherian	Induced Pluripotent Stem Cells Inhibit Bleomycin Induced Pulmonary Fibrosis in Mice via Suppressing TGF- β 1 induced mTOR signaling
15	23043	Fatemeh Rezaei kahmini	Uterine adipose tissue-derived mesenchymal stem cells from pregnant and non-pregnant mice have distinct immunomodulatory properties
16	35222	Ali Hazrati	Wharton's jelly mesenchymal stem cells-derived exosomes and imipenem in combination reduces apoptosis and inflammatory responses in <i>E. coli</i> -infected HepG2 cells
17	31520	Fateme Govahi	Assessment of Extracellular Vesicles From Rabbit Ear Pina Cells
18	34073	Leila Moinzadeh	T lymphocyte cytotoxicity against PDL1+ tumor cells in the presence of PDL1-CD3 bispecific T cell engager & adipose derived mesenchymal stem cells (ASCs)
19	31764	Mahshid Bahari	Stem Cell: Application, Regulation and Market



Mini-Oral Presentation-12

Hall 7

10:30-12:30

20	25548	Alireza Yeganeh	In vitro treatment of Murine splenocyte with mesenchymal stem cell derived extracellular vesicles altered the mRNA levels of master regulators gene of T cell subsets
21	23184	Parvin Nozari	Investigation of the effect of IFN- γ /TNF- α -treated mesenchymal stem cells on Th9- and Treg cell-related parameters in a mouse model of ovalbumin-induced allergic asthma
22	35218	Kosar Malekpour	Combinational administration of mesenchymal stem cell-derived exosomes and metformin reduces inflammatory responses in an in vitro model of insulin resistance in HepG2 cells
23	31495	Bahare Niknam	Engineering Human Wharton's jelly mesenchymal stem cells derived-exosomes to encapsulate miR 124, effectively inhibits Hepatic stellate cell proliferation, apoptosis, and cell cycle
24	30135	Maryam Mehri	Ninety-six-hour starved peripheral blood mononuclear cell supernatant inhibited LA7 breast cancer stem cells induced tumor via reduction in angiogenesis and alternations in Gch1 and Spr expressions
25	28962	Behjat Misaghian	The effect of exosomes isolated from human Wharton's jelly mesenchymal stem cells stimulated by Poly (I:C) on CD4+CD25+Foxp3+ Regulatory T Cells
26	30255	Zahra BaridJavadi	In Vitro Study: Evaluation the effect of lupus serum in the period of relapse and remission phase on survival of the umbilical cord-derived mesenchymal stem cells
27	30372	Ala Habibian	The Inhibitory Effects of Exosomes Derived from Oncolytic Reovirus-Infected Adipose Mesenchymal Stem Cells with Therapeutic Potency on Mice Model of Colorectal Tumor
28	23142	Fereshteh Ghasemi	Vitamin E and selenium improve mesenchymal stem cell conditioned media immunomodulatory effects