



## Program of Poster Presentation

**1<sup>st</sup> Day: Thursday 27 April 2023**

**11:00-12:30**

### Clinical Laboratory Immunology

1	32969	Fateme Malekinezhad	Investigating the Fluctuations of Beta Globulin Levels in Suspected Inflammatory Patients Using Serum Protein Electrophoresis Assay in Mazandaran Province, during 2022-2023
2	33034	Arian Amini	Investigating the Fluctuations of Gamma Globulin Levels in Suspected Inflammatory Patients Using Serum Protein Electrophoresis Assay in Mazandaran Province, during 2022-2023
3	31769	Mahdi Shooraj	Assessment of the Correlation among Serum Protein Electrophoresis Bands in Clinical Interpretations: A Case-Series Study
4	30515	Shojaat Dashtipour	Laboratory identification of horses suspected of glanders using complementation fixation test, malleination and PCR tests
5	30196	Mansour Rajaei	Correlations of para-clinical and laboratory factors with the severity of Covid-19 in hospitalized patients during the pandemic period
6	30091	Ferial Dabbagh	Interleukin 40: A Potential Diagnostic Biomarker for Diseases
7	34154	Amir Gholamzad	Interleukins in Seminal Plasma of Male Infertility Patients
8	34164	Amir Gholamzad	Interleukin Levels in Pulmonary Diseases
9	34130	Golnaz Khodayari	Evolution of CD Markers as Biomarkers for SLE Disease Activity
10	34133	Golnaz Khodayari	Impact of Interleukins on Asthma: Insights from Biomarker Evaluation in Adult Patients
11	34134	Golnaz Khodayari	Interleukins as potential diagnostic and therapeutic targets in cardiovascular disease
12	34135	Golnaz Khodayari	Sperm Antibodies and Male Infertility
13	31506	Mina Alimohammadi	Lack of adverse effects of cold physical plasma-treated blood from leukemia patients: a proof-of-concept study
14	34102	Parya Abdollahi	Investigating the rapid diagnostic value of Cardiac Troponin I (cTnI) compared to the EIA method, for detecting early myocardial damage.
15	34046	Mohammadreza Ghanbarpour	Investigation of serum levels of ANA, Anti CCP, RF and ESR factors in patients with suspected rheumatoid arthritis
16	32873	Sina Moghaddam	Diagnosing Celiac Disease: Common Methods
17	25636	Dorsa Alijanzadeh	The Accuracy of CA125, HE4, and ROMA in Ovarian Cancer Diagnosis Among Premenopausal and Postmenopausal Women with Pelvic Mass
18	25671	Soolmaz Khansalar	Investigation of TNF alpha serum levels in patients with bladder cancer

**Immunoparasitology (11:00-12:30)**

1	31544	Reza JafariShakib	Seroprevalence and associated risk factors of toxoplasmosis among pregnant women in Ramsar city
2	31835	Reza Jafari-Shakib	Seroepidemiological investigation on coinfection of toxoplasmosis and tuberculosis in Northern Iran: A case control study
3	34039	Alireza Ashiri	Case Report: Challenges for the Diagnosis and Treatment of Strongyloides stercoralis in Chronic Obstructive Pulmonary Disease Patients
4	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
5	30287	Akram Miramin Mohammadi	Immune response (Th1/Th2) against Leishmania candidate vaccine (Leish-F1) in the volunteers with history of cutaneous leishmaniasis
6	35306	Mehdi Saghakahvaz	Seroprevalence of specific antibodies against <i>Toxoplasma gondii</i> among blood donors in Abadan and Khorramshahr cities in 2021
7	35299	Zahra Navi	Evaluation of Somatic Prominent Antigens of <i>Toxocara canis</i> , and <i>T. Cati</i> Adult Helminths for Laboratory Diagnose of Human Toxocariasis Using Indirect ELISA
8	35353	Ali Paydar	Gene Profile Expression Related to Type I Interferons in HT-29 Cells Exposed to <i>Cryptosporidium parvum</i>
9	31550	Rasool Rahimi Junqani	Effect of <i>Arnebia euchroma</i> on immune response of BALB/c mice infected with <i>Leishmania major</i>
10	35287	Shahrzad Soltani	Seroprevalence, potential risk factors and clinical symptoms of <i>Toxocara canis</i> infection among general population: a community-based study in southwest Iran
11	32890	Macan Shafiei	The Master of Cancer Negative Regulator, <i>Trichinella Spiralis</i> : a systematic review
12	31590	Seyedparsa Dastvarz	Investigation of IL-6 in Patients with Ocular Toxoplasmosis
13	35196	Soheil Sadr	Polymeric encapsulated antigens from <i>Echinococcus granulose</i> as a potential anti-tumor agent: A systematic review
14	35234	Ahmad Mehravaran	The immune response and survival rate against <i>Toxoplasma gondii</i> in BALB/c mice induced by nanoliposome containing soluble antigens
15	31507	Hossein Rezvan	Investigating of phagocytosis and the expression of inflammatory genes in macrophages exposed to passage 1, <i>Leishmania major</i> in the BALB/c mice

**Nutrition and Immunology (11:00-12:30)**

1	30269	Mahsa Shekari	Evaluation of the relationship between consumed food and the prevalence of asthma and allergy symptoms in children and adolescents in Shiraz city
2	30013	Mansoor Saharkhiz	Effect of curcumin on inflammatory biomarkers in patients with premenstrual syndrome and dysmenorrhea: A randomized clinical trial
3	25625	Maryam Haddadi	Specialized pro-resolving lipid mediators in cardiovascular diseases: a systematic review
4	34167	Fateme Pakbaz	The effect of probiotic supplementation in treating children with atopic dermatitis using the scoring AD (SCORAD) index: a systematic review
5	32903	Nima Zafari	The Association Between Vitamin-D Deficiency And COVID-19 Severity
6	34165	Mahdi Karimi	Effect of elimination diet on IgE levels and allergic reactions in eosinophilic esophagitis patients: a systematic review



7	35355	Zohreh Farrokhian	Association between IgE levels and continuous or temporary course of food allergy treatment in children with atopic dermatitis: a systematic review
8	35380	Lotfollah Behroo	Food Allergy; it is not to be sneezed at!
9	31833	Arefeh Majidi Khameneh	Effect of pomegranate extract on human blood lymphocytes

**Immunology of Fungal Infections (11:00-12:30)**

1	34148	Elaheh Sasani	Pneumocystis pneumonia in COVID-19 patients: A comprehensive review
2	25722	Hamid Morovati	Interactions Between Immune Response to Fungal Infection and MicroRNAs; the Pioneer Tuners

**Immunoinformatics & Insilico Immunology (11:00-12:30)**

1	31665	Ata Moghimi	Integrated Bioinformatics Analysis Reveals Key Candidate Genes and MicroRNAs in Hepatocellular Carcinoma
2	30055	Milad Mohkam	Bioinformatic analysis of Non-synonymous SNPs in human ADAM33 gene: The major frequent pattern of genetic association to asthma susceptibility
3	30065	Kowsar Bagherzadeh	The protection quest is a primary key to sharing the neutralizing antibody response to cover against all emerging VOCs based on BIV1-CovIran studies
4	32971	Mahsa Alem	Microbial view of IBD and molecular mimicry: the two sides of the coin
5	30455	Parisa Khodabandeh	Identification of T cell epitopes targeting a biofilm formation protein of Staphylococcus aureus: An immunoinformatics approach
6	31514	Seyedeh Samaneh Tabaee	Predicting the functional consequences of non-synonymous SNPs in Interleukin-35
7	25633	Mohsen Bidar Ajerloo	Immunoinformatics-based design of a novel chimeric subunit vaccine candidate for immune response reinforcement against <i>Salmonella typhi</i>
8	28940	Farnaz Moghadam Dizajherik	In silico analysis of a multi-epitope-based vaccine designed by conserved epitopes of hemagglutinin protein from H1N1 and H3N2 influenza viruse
9	31846	Farideh Jafari	Identification of an immune-related genes signature in lung adenocarcinoma to predict survival and response to immune checkpoint inhibitors
10	30147	Nooshin Ghadiri	Center, ACECR, Royan Institute for Biotechnology, Isfahan, Iran 3 Department of Biology, Faculty of Sciences, University of Isfahan, Isfahan, Iran 4 Department of Immunology, Faculty of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran
11	27785	Shima Makaremi	Bioinformatic study reveals the difference in the expression level of ADAMDEC-1 in TCGA cancer panel
12	25603	Shima Makaremi	Downregulation of ADAMDEC1 Correlates with Tumor Progression and Metastasis in Colorectal Cancer: a Bioinformatic Study
13	32973	Armin Ariaei	Designing subunit vaccine to motivate immune system against the pathological form of hyperphosphorylation tau; Immunoinformatic and in silico study
14	35332	Maryam Rahnama	Expression Changes of TP53, HRAS, RELA, RAC,1 and CDC42 as Potential Therapeutic Targets in Multiple Sclerosis
15	35334	Maryam Rahnama	Transcriptome-based and Regulatory Network Analysis Reveals Potential Biomarkers in Severe Asthma
16	30523	Rezvane zoobinparan	Molecular Docking new compounds against main proteins of SARS-COV-2



17	26791	Ali Jafari	Anticancer potential of Artemisinin and 1-phenyl-2,4 pentadiyne on human gastric cancer AGS cells: an in-silico study
18	34112	Mohammad Izadi	Identification of conserved epitopes for new Monkeypox vaccine platforms: A novel immunoinformatic and machine learning approach
19	31714	Elham Nadimi	Characterization and 3D structural modeling of a specific single chain antibody against HER-2 antigen
20	35624	Faezeh Sadat Mozneb	Hardware Design to Accelerate Molecular Dynamics Simulation of mRNA Vaccines
21	35441	Mostafa Manian	The prediction of functional, stability, and pathogenicity of SARS-CoV-2 associated with N501Y and A570D spike mutations.
22	35435	Seyyed Mohammad Yaghoubi	A Comprehensive Systems Biology Approach to Understanding Immune System Function and Dysfunction: Advancing our Understanding of the Immune System through Data Integration

### Immunosenescence and Aging (11:00-12:30)

1	31482	Afroz Homayoonfar	Comparison of the activity of Macrophages derived from monocytes obtained from leukocyte reduction filters in the aging process
2	35201	Atefe Ghamar talepoor	Immunosenescence and aging in atherosclerosis
3	23162	Atefe Ghamar Talepoor	Partial recovery of senescence in Circulating Follicular Helper T Cells after Dasatinib treatment

### 1<sup>st</sup> Day: Thursday 27 April 2023

13:30-15:00

### Vaccine

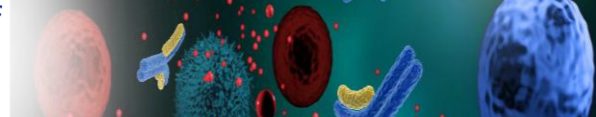
1	30349	Ali Pourshaban-Shahrestani	A review of the application of Zebrafish in development of the infectious vaccines: The prospective approach
2	31649	Hasan Namdar Ahmadabad	The Relationship between Vitamin D status and titer of anti-Hepatitis B surface antibody post hepatitis B vaccine in healthy adult population in Mane and Samalghan city, Iran
3	31670	Babak Beikzadeh	Immunoinformatics design of multi-epitope vaccine using OmpA, OmpD and enterotoxin against non-typhoidal salmonellosis
4	23051	Babak Beikzadeh	Designing of Multi-Epitope Vaccine Against Trichomonas vaginalis Using Immunoinformatics
5	32965	Vahid Hayati	Expression and production of the toxin-coregulated pili A (TCPA) of Vibrio cholera and investigating its detection and neutralization power
6	30053	Fateme Balangi	Investigation of the role of GAPDH in the attenuated line of Leishmania Major vaccine
7	25639	Zahra Zeinali	Combined alum and Gglycyrrhetic acid liposome against S. typhimurium vaccine
8	31692	Kamyar Davari-Kia	Application of machine learning in prediction of side effects of vaccines
9	31560	Kimia Talebi	In silico studies for selecting the B- and T-cell epitopes of BP26 protein from Brucella melitensis as a vaccine candidate
10	30015	Zahra	In silico analysis of multi-epitope peptide vaccine candidate against human



		Yazdani	brucellosis
11	25620	Mina Alimohammadi	Seroprevalence and geographical distribution of Bordetella pertussis antibodies in the healthy population: A systematic review and meta-analysis
12	32914	Armin Ariaei	The therapeutic effect of tau and Amyloid-beta vaccine in stimulating the immune system to defeat Alzheimer's disease; A systematic review and meta-analysis of the randomized clinical trials
13	29992	Rasoul Baharlou	Influenza vaccine booster stimulates antibody response in beta thalassemia major patients
14	30355	Marziyeh Ghayoumian	Designing an anti-breast cancer mRNA based vaccine; Immunoinformatic AND immunologic logic
15	35385	Maryam Keshavarz	Immunity against rubella virus in vaccinated young Iranians
16	30174	Maryam Keshavarz	Immune Response to Measles Virus in Iranian vaccinated Young Adults
17	30208	Fatemeh Faraji	Oral poliovirus vaccine: the necessity of its cessation
18	34071	Hossein Motedayyen	Immunogenicity and safety of the BBIBP-CorV vaccine in patients with autoimmune inflammatory rheumatic diseases undergoing immunosuppressive therapy in a monocentric cohort
19	35798	Nazanin Pourfahimi	Afficity of coid19 vaccines
20	35807	Arash Letafati	Comparison of AstraZeneca and sinopharm vaccines as boosters in protection against COVID-19 infection

**Veterinary Immunology (13:30-15:00)**

1	30183	Fatemeh Nasiri-Dashtaki	Investigating xanthogranulomatosis in psittacine; Serology, clinical, macroscopic and microscopic signs
2	31566	Abdolreza Nabinejad	Seromonitoring of cockatoos for AI and ND on 2021-2022
3	31570	Abdolreza Nabinejad	Ostrich Serology for ND and AI on 2021-2022
4	31571	Abdolreza Nabinejad	Surveillance for AIVs (H9 & H5s) in Isfahan Birds Garden
5	31575	Abdolreza Nabinejad	Using Garlic ( <i>Allium sativum</i> ) powder for improving immunity and t infections treating in broilers
6	31622	Parsa Amoozadeh	Trained immunity; definition and its role in health and diseases
7	30239	Niloofar Zarifian	Investigation on the expression of IL6 and IL-1 $\beta$ genes in the blood leukocytes of dogs with canine parvovirus disease by quantitative (q)PCR
8	32893	Ashkan Hajjafari	The application of nano-vaccines in veterinary medicine: a systematic review
9	30344	Sara Mirzaie	Effect of extracted polysaccharides from a <i>Chlorella vulgaris</i> biomass on expression of interleukin-2 in broiler chicken splenocytes
10	32898	Soheil Sadr	Vaccination against Newcastle disease using an apathogenic heat-resistant V4 vaccine
11	32899	Soheil Sadr	Novel treatments for bovine mastitis using nanomaterials; a systematic review
12	35434	Mahdiye	From Invertebrates to Mammals: A Cross-Species Analysis of Innate and



		Azimi	Adaptive Immunity
13	35568	Mohammadrez a Eftekhari	Immunoboosting herbal treatments for poultry diseases; Systematic review
14	35567	Mohammadreza Eftekhari	Advancements in Newcastle poultry heat resistance vaccines; Systematic review
15	35565	Mohammadreza Eftekhari	Immunomodulatory effects of mesenchymal stem cells for the treatment of poultry diseases; Systematic review
16	35717	Mohammadrez a Eftekhari	The benefits of probiotics and prebiotics for poultry immune health; Systematic review
17	35716	Mohammadrez a Eftekhari	Immunity and antibiotic use in poultry: Finding a balance; Systematic review

### Reproductive Immunology (13:30-15:00)

1	27807	Lida Aslanian kalkhoran	Understanding main pregnancy complications through animal models
2	30416	Samaneh Abdolmoham madi Vahid	Investigation of the immunomodulatory effects of nanocurcumin on peripheral blood mononuclear cells (PBMCs) of patients with preeclampsia, an in-vitro study
3	34173	Vida Homayouni	Patients with idiopathic Recurrent Pregnancy Loss and have abnormalities in blood NK, NKT and T cells
4	31648	Hasan Namdar Ahmadabad	Title: Comparison of vitamin D levels in recurrent pregnancy loss patients with and without autoantibodies
5	30299	Fatemeh Rezayat	Comparison the Morphology and Regulatory Function of Amniotic Epithelial Cells (AECs) in Women with a History of Recurrent Spontaneous Abortion to Healthy Women
6	30165	Abdolah Mousavi Salehi	The implications of exosomes in pregnancy: emerging as new diagnostic markers and therapeutics targets
7	24273	Abdollah Mousavi Salehi	Evaluation of CD3+ T-cells Percentage and Function and its Relationship with Serum Vitamin D Levels in Women with Recurrent Spontaneous Abortion and Recurrent Implantation Failure
8	29950	Seyed Mohammad Seifati	Serum anti-leukemia inhibitory factor antibody and recurrent pregnancy loss in Iranian women
9	31784	Mohammad Dalfardi	Reduced frequency of uterine group 2 innate lymphoid cells and regulatory T cells in abortion-prone mice
10	30320	Narjes Nouri	Investigating the effect of miRNAs on the ovary and ovarian diseases, including premature ovarian failure
11	24455	Narjes Nouri	Evaluation of Th17 cell frequency and expression of microRNAs and Th17 related factors in patients with Premature ovarian failure (POF)
12	28827	Fateme Zare	Clinical manifestations of oxidative stress in endometriosis
13	30022	Fatemeh Tatari	EP4 promotes immune inflammation through Th1 cell differentiation in abortion-prone mice
14	24462	Amin Kamrani	CD155 and TIGIT as Immune-Modulator Receptor and Ligand on CD4+ T cells in Preeclampsia Patients
15	25673	Hossein Ansariniya	Immune system abnormalities of the mouse model with recurrent spontaneous abortion
16	30409	Forough Parhizkar	Novel immunological therapeutic approaches for recurrent implantation failure and recurrent miscarriage
17	30412	Javad	Fetus, as an allograft, evades the maternal immunity



		Madani	
18	30234	Farah Idali	Adoptive regulatory T cell therapy affects fetal resorption through changes in immune cells composition of the uterine and placenta of pregnant abortion prone mice
19	32953	Sahar Salimi	Evaluation of platelet rich plasma (PRP) therapy in patient with history of IVF failure
20	32954	Sahar Salimi	Evaluation of serum Peroxiredoxins auto antibodies in recurrent spontaneous abortion patients
21	32977	Amir Abdian Asl	Association between rs1049174 NKG2D gene polymorphism and idiopathic recurrent spontaneous abortion in Iranian women: a case-control study
22	25727	Ahad Zare	Evaluation of complement system function and C3 and C4 levels in recurrent spontaneous abortion patients
23	25728	Ahad Zare	Evaluation of Anti paternal cytotoxic antibodies in patients with recurrent spontaneous abortion (RSA) in comparison with normal mothers

### Exercise Immunology (13:30-15:00)

1	30168	Mahsa Shekari	Investigating the effect of exercise on changes in immunoglobulin A in female athletes and non-athletes at Shiraz University of Medical Sciences
2	30170	Mahsa Shekari	Investigating the effect of anaerobic exercise time on the level of immunoglobulin M in young volleyball players
3	31838	Afshin Mohebi zarin dare	Investigating the effect of yoga breathing exercises on the control of asthma in adolescents with asthma referring to Shiraz Asthma and Allergy Clinic
4	24447	Motahare Ghane	High Intensity Interval Training and Intake nano-selenium supplementation on the gene expression of hepatic SOD in Dexamethasone Induced Rats
5	31615	Amir Hossein Ahmadi Hekmatikar	The potential of exerkinases on immune system function: a look at immunological changes with exercise
6	30155	Keivan Gadruni	Can regular exercise before COVID-19 disease, upregulate ACE2 and downregulate TMPRSS2 in the patient's cells?

### Immunology of Bacterial Infections (11:00-12:30)

1	25610	Kasra Jahankhani	Investigating the level of anti- Acinetobacter baumannii antibodies and hospital infections in hemodialysis patients
2	30326	Sahar Molavinia	Seroprevalence trend of typhoid fever among patients referred to a Medical center in southwest Iran, in 10-year periods
3	25623	Fatemeh Zare	Comparison of stool antigen test and IgG level in patients with Helicobacter pylori infection before and after treatment
4	30278	Parisa Zafari	Association between polymorphisms of cytokine genes and brucellosis: A comprehensive systematic review and meta-analysis
5	26754	Ali Rahimi	Seroprevalence of laboratory-confirmed Bordetella pertussis antibodies after Immunization in Iran: a systematic review and meta-analysis of healthy-population study
6	28902	Mahdi Bagheri	Evaluation of serum ghrelin levels in patients with Helicobacter pylori infection
7	35260	Esmail Ghorbanalinez had	CRISPR-Cas adaptive immune systems toward foreign DNA in bacteria; Inheritable bacterial defence, Memory, and Protection
7	35282	Elham Moshfeghi	CRISPR-Cas adaptive immune systems toward foreign DNA in bacteria; inheritable bacterial defence, memory, and protection
8	25681	Ali Abdolmaleki	The Role of Human Microbiome in Immune Responses & Systematic Functions: A Review
9	35281	Shohreh	CRISPR-Cas adaptive immune systems toward foreign DNA in bacteria;



		Moradkhani	Inheritable bacterial defence, Memory, and Protection
10	32872	Sina Moghaddam	The Most Common Serological Tests for Helicobacter pylori Infection
11	27806	Mina Boustanshenas	Genetically Diverse Extensively and Pan Drug Resistant Pseudomonas aeruginosa main cause of nosocomial infection among hospitalized patients
12	24322	Zahra Azimzadeh	Multi-facets of neutrophil extracellular trap in infectious diseases: Moving beyond immunity

**1<sup>st</sup> Day: Thursday 27 April 2023**

**15:30-17:00**

**Stem Cells and Immune Cell Therapy**

1	25562	Mozhdeh Damirchi	Evaluation of the anti-inflammatory effects of Mesenchymal Stem Cells treated with Naloxane on the clinical appearance and histopathology of experimental ulcerative colitis
2	31657	Shiva Amanollahi	Evaluation of the immunomodulatory properties of chitosan-embedded hTERT-MSCs-IDO1-EVs after spinal cord injury
3	31658	Shiva Amanollahi	Chitosan-embedded hTERT-MSCs-IDO1-EVs reduce blood leukocytes after spinal cord injury
4	30078	Morteza Jafarina	The role of miRNAs from mesenchymal stem/stromal cells-derived extracellular vesicles in neurological disorders
5	30079	Morteza Jafarina	Mesenchymal Stem Cells as A New Approach for the Treatment of Multiple Sclerosis: A Literature Review
6	31798	Paria bayati	Induced pluripotent stem-cells inhibit experimental bleomycin-induced pulmonary fibrosis through regulation of the insulin-like growth factor signaling
7	31643	Marjan Taherian	Induced pluripotent stem cells drive LKB1-AMPK signaling to attenuate pulmonary fibrosis
8	24350	Arezou Khosrojerdi	New insights into implementation of mesenchymal stem cells in cancer therapy: prospects for anti-angiogenesis treatment
9	24351	Arezou Khosrojerdi	Immunomodulatory and therapeutic effects of mesenchymal stem cells on organ dysfunction in sepsis
10	24475	Fatemeh Rezaei Kahmini	Emerging therapeutic potential of regulatory T (Treg) cells for rheumatoid arthritis: New insights and challenges
11	24476	Fatemeh Rezaei Kahmini	Harnessing the inherent power of chimeric antigen receptor (CAR) expressing regulatory T cells to treat autoimmune-related disorders
12	35215	Ali Hazrati	CRISPR/Cas9-engineered mesenchymal stromal/stem cells and their extracellular vesicles: A new approach to overcoming cell therapy limitations
13	35221	Ali Hazrati	The effect of mesenchymal stem cell-derived supernatant nasal administration on lung inflammation and immune response in BCG-vaccinated BALB/c mice
14	35213	Ali Hazrati	Mesenchymal stromal/stem cells and their extracellular vesicles application in acute and chronic inflammatory liver diseases: Emphasizing on the anti-



**1<sup>st</sup> Day: Thursday 27 April 2023****15:30-17:00****Stem Cells and Immune Cell Therapy**

			fibrotic and immunomodulatory mechanisms
15	35214	Ali Hazrati	Mesenchymal stromal/stem cells spheroid culture effect on the therapeutic efficacy of these cells and their exosomes: A new strategy to overcome cell therapy limitations
16	30458	Narjes Nouri	Treatment of premature ovarian failure by adipose-derived mesenchymal stem cells
17	30267	Leila Mahmoudzadeh	Altered immune responses in mice after receiving nicotine-pulsed mesenchymal stem cell-conditioned medium
18	24392	Amir Samii	Transformation of Hematopoietic Stem and Progenitor Cells by Leukemia Extracellular Vesicles: A Step Toward Leukemogenesis
19	31703	Samaneh Karimi	The Protective Efficacy of Human Wharton's Jelly Mesenchymal Stem Cells Secretomes to Induce Death in Breast Cancer Cell line SKBR3
20	31840	Akram Hoseinzadeh	Different stages of lupus disease and mesenchymal stem/stromal cells transplantation outcome
21	35320	Shohreh Fadaghi	Evaluation the effects of tetrandrine on antioxidant and anti-inflammatory properties of adipose-derived mesenchymal stem cells
22	31857	Nayere Parhizkar	Therapeutic Potential of mesenchymal stem cells expressing IDO1 transgene in Modulating of inflammation in Surgical Induced Experimental Spinal Cord Injury
23	31589	Fatemeh Ahangari	Dose-dependent protective effects of azithromycin (AZT) and extracellular vesicles derived from mesenchymal stem cells (MSC-EVs) on biochemical parameters in the cecal ligation and puncture (CLP) model of sepsis
24	31543	Fatemeh Ahangari	Therapeutic effects of azithromycin (AZT) and extracellular vesicles derived from mesenchymal stem cells (MSC-EVs) injection on tissue damage in the cecal ligation and puncture (CLP) model of sepsis
25	28863	Negar Ebadpour	Evaluation the effect of intranasal injection of differentiated rat MSCs with tolerogenic probiotics in modulating the behavior and immune response of the Parkinson's rat model
26	35212	Omid Moeini	Using a non-viral gene transfer method for more efficient co-culture and proliferation of hematopoietic stem cells and with an approach to stem cell therapy
27	30410	Nastaran Gharibeh	Cell-based therapy in thin endometrium and Asherman syndrome
28	32992	Majdedin Ghalavand	Comparison of the modulated effects of tretinoin and calcitriol treated mesenchymal stem cell supernatant on macrophage functions
29	24356	Kimia Esmailzadeh	Role of nanotechnology for improvement of CAR-T cell therapy
30	30441	Zahra Razavi	Pretreatment of human Wharton's jelly-derived mesenchymal stem cells by azithromycin reduces reactive oxygen species
31	30520	Nafise Daneshi	immunomodulatory effects of Calcitriol on mesenchymal stem cell-derived adipose tissue
32	34084	Kosar Malekpour	The potential use of mesenchymal stem cells and their derived exosomes for orthopedic diseases treatment
33	34085	Kosar Malekpour	Mechanisms behind therapeutic potentials of mesenchymal stem cell mitochondria transfer/delivery
34	35219	Kosar Malekpour	Combinational administration of mesenchymal stem cell-derived exosomes and metformin reduces apoptosis in an in vitro model of insulin resistance in



**1<sup>st</sup> Day: Thursday 27 April 2023**

**15:30-17:00**

**Stem Cells and Immune Cell Therapy**

			HepG2 cells
35	30362	Halimeh Hassanzadeh	Tideglusib enhances the expression of several immunomodulatory factors in bone marrow-derived mesenchymal stem cells
36	32904	Soheil Sadr	Mesenchymal Stem Cell-Based Therapy for chronic wound healing; systematic review
37	30508	Mohammad Majidi	Macrophage phenotypes modulation by Cell Shape -imprinted PDMS
38	31536	Alireza Karimi	Investigating the immunomodulatory effects of manipulated mesenchymal stem cells with IDO1 gene and their small extracellular vesicles in the repair of heart damage in MI rat model
39	28818	Farid Zeynali	Evaluation of proliferative and anti-apoptotic potential of nano-silymarin on mesenchymal stem cells
40	25602	Sahar Khastar	Examining the level of inflammatory cytokines TNF- $\alpha$ and IL.8 produced by osteoblasts differentiated from dental pulp stem cells
41	25659	Parisa Shams	Innovative manufacture of NK cells from umbilical cord blood mononuclear cells
42	25534	Mirmohammad reza Hosseini	Breast cancer-derived exosomes: their role in cancer progression, metastasis, drug resistance, immune evasion and therapy
43	30219	Maryam Zare Moghaddam	Stem cell-based therapy for rheumatoid arthritis
44	30258	Maryam Zare Moghaddam	Stem cell-based therapy for systemic lupus erythematosus
45	29949	Samira Shojapourian	Investigation the expression of long non-coding RNAs RMRP, MALAT1, NKILA, THRIL, Linc-MAF-4 in Human Wharton's Jelly Mesenchymal Stem Cells primed with poly (I:C)
46	35707	Soolmaz Kheradmand	The effect of mesenchymal stem cells on memory impairment and neuroinflammation induced by lipopolysaccharide in rats

**2<sup>nd</sup> Day: Friday 28 April 2023**

**8:00-10:00**

**Innovative Technologies in Immunology**

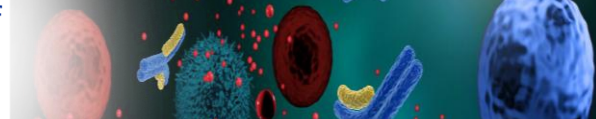
1	28884	Vida Homayouni	Generation of TIM-3 inhibitor single domain antibody by phage display technique
2	31756	Leila Roozbeh Nasiraie	The producing a medicinal food with recombinant <i>lactococcus lactis</i> as a candidate for Immunotherapy
3	34174	Mohammadreza Dashti	Alleviation of psoriasis inflammation in the imiquimod-induced psoriasis mouse model using anti-IL-17A and anti-TNF- $\alpha$ ssDNA aptamers
4	31736	Sara Soufihasanabad	exosome-induced alternative macrophages in tissue repair in CLP-induced sepsis mice
5	30118	Reza Karbalaee	Ozone Therapy enhances antitumor activity in mice models of colorectal cancer
6	35336	Nafiseh Sadat Mousavi	Chaperon co-expression to improve the soluble expression of a bi-specific tandem scFv targeting CTLA-4 and PD-1
7	22022	Vida Hashemi	Inhibition of tumor growth by blockage of adenosine receptor
8	32896	Pouria Ahmadi Simab	CRISPR-Cas9 for Cancer Therapy; Systematic review
9	34137	Amir Gholamzad	Lateral flow-based immunobiosensors for the detection of food contaminants
10	24244	Mahtab pourkamalzadeh	Ameliorative effects of gold and copper nanoparticles synthesized using the aqueous extract of <i>Allium saralicum</i> on ulcerative colitis in rats
11	35346	Benyamin Gheiji	Applications of AI-based models in managing systemic lupus erythematosus
12	30417	Mohammad Nemati	Comparative study of anti-inflammatory cytokine levels in rats treated with <i>Hottentotta saulcyi</i> and <i>Mesobuthus eupeus</i>
13	34179	Niloufar Mohammadkhani	Establishment of Stable CHO Cell Lines for Overexpression of whole-length CD20 Antigen

**Immunodeficiency (8:00-10:00)**

1	25596	Mahnaz Rezaei	Role of rare immune cells in common variable immunodeficiency
2	30128	Matineh Nirouei	Leukocyte adhesion deficiency
3	25719	Hamid Morovati	Global Prevalence, Mortality, and Main Characteristics of HIV-associated Pneumocystosis: A Systematic Review and Meta-Analysis
4	31827	Nazanin Aghamohamadi	Activated PI3K-Delta Syndrome: Pathogenesis, Clinical Manifestations, Diagnosis, Classification, and Management
5	34062	Ali Paydar	A review on <i>Strongyloides Stercoralis</i> infection in some cases of immunodeficiency.
6	29931	Hedieh Haji Khodaverdi Khani	A rare immunological disease, Caspase 8 deficiency
7	28946	Mojdeh Soltani	Role of rare immune cells in common variable immunodeficiency
8	30026	Maryam Asarehzadegan Dezfouli	Flowcytometric changes of lymphocytic markers in MSMD patients: A diagnostic challenge.
9	29959	Mohammad Jafari	Serum Interleukin-35 Level Increase in HIV/HCV Coinfection



10	35379	Samira Bahrami	Examination of Genetic cause of an immune deficiency patient with hyper IgE
<b>Mucosal Immunology (8:00-10:00)</b>			
1	28855	Farzaneh Kheiri	Tolerogenic Dendritic cells, unknown cell in Celiac disease
2	24427	Samira Zand	Anti-inflammatory effect of silver and copper nanoparticles of <i>Allium Saralicum</i> on gastric ulcer in mice
<b>Cancer Immunotherapy (8:00-10:00)</b>			
1	25725	Masoud Sokhanvar Mahani	Natural killer cells: emerging and new generation cellular immunotherapy in the treatment of cancer
2	25753	Farhad Seif	The impact of tumor microenvironment secretome on Treg/IL-17-producing Treg/Th17 cell axis in breast cancer: Molecular and therapeutic perspectives
3	25762	Hamid Aria	Immunogenic Cell Death Inducer Peptides: A New Approach for Cancer Therapy, Current Status and Future Perspectives
4	30429	Mahshad Entezam	Current progress and challenges of immunotherapy in gastric cancer: A focus on CAR-T cells therapeutic approach
5	35180	Ahmad Gholami	vesicles and miRNA, two potential tools for cancer immunotherapy
6	35216	Ali Hazrati	Immune cells-derived exosomes function as double-edged sword: Role in disease progression and their therapeutic applications
7	31663	Erfan Komijani	Cancer combination therapies with sorafenib and anti-miR-222 in renal cell carcinoma
8	32906	Pouria Ahmadi Simab	Potential targets for cancer immunotherapy in natural killer cells' immune checkpoint molecules: a systematic review
9	32989	Setayesh Jabbari	Small cells to solve a big problem (cell therapy for the treatment of blood malignancies)
10	30051	Ali Zarezadeh mehrabadi	Therapeutic potential of CAR T cell in malignancies: A scoping review
11	30282	Ali Zarezadeh mehrabadi	Overview of the pre-clinical and clinical studies about the use of CAR-T cell therapy of cancer combined with oncolytic viruses
12	28947	Mojdeh Soltani	Clinical Combinatorial Treatments Based on Cancer Vaccines: Combination with Checkpoint Inhibitors and Beyond
13	34069	Leila Moinzadeh	Concurrent novel therapeutic strategies in cancers
14	28943	Parham Soufizadeh	CAR-T Cell Therapy for Solid Tumors: Where do we go? An overview
15	29967	Amir Gholamzad	Novel Immunotherapies in Acute Leukemia
16	24423	Maryam Almasi	investigate the effects of silver and zinc nanoparticles synthesized from <i>Falcaria vulgaris</i> on acute myeloid leukemia
17	23178	Fatemeh Faramarzi	Cold Physical Plasma in Cancer Therapy: Mechanisms, Signaling, and Immunity
18	30200	Amirhossein Mardi	Biological causes of immunogenic cancer cell death (ICD) and anti-tumor therapy; Combination of Oncolytic virus-based immunotherapy and CAR T-cell therapy for ICD induction
19	30201	Amirhossein Mardi	Recent findings on chimeric antigen receptor (CAR)-engineered immune cell therapy in solid tumors and hematological malignancies



20	32963	Zahra Asadzadeh	Assessing the synergistic impact of inhibiting Prominin1 (CD133) and administering Oxaliplatin for treating colorectal cancer
21	32964	Delaram Aliakbari	Effect of Carbon nanocarrier on SW48 cell line
22	35243	Soroush Partovi Moghaddam	Immunotherapy with stem cells on breast and colon cancer; Systematic Review
23	32972	Zeinab Davoodi Moghadam	A systematic review and meta-analysis of immune checkpoint therapy in relapsed or refractory non-Hodgkin lymphoma; a friend or foe?
24	30533	Saber Mehdizadeh	Immune checkpoints and cancer development: Therapeutic implications and future directions
25	25595	Omid Vakili	New insights into the role of bispecific antibodies in colorectal cancer therapy
26	24275	Yasaman Mojibi	The impact of obesity on cancer immunotherapy
27	34052	Soheil Sadr	Combining radiotherapy and immunotherapy for enhanced treatment of rectal cancer: a systematic review
28	34053	Soheil Sadr	Synergistic approach to treating pancreatic ductal adenocarcinoma through the combination of radiotherapy and immunotherapy: a systematic review
29	30002	Atefeh khodakarami	The sensitivity of chronic lymphoblastic leukemia cells to therapy is enhanced by the targeted silencing of NRF2 by nanoparticles.

## 2<sup>nd</sup> Day: Friday 28 April 2023

10:30-12:30

### Nanoimmunology

1	25691	Pegah Hasanzade	Evaluation of Curcumin-Chitosan effect on mouse model of liver fibrosis
2	24363	Jamal ladin Tabatabaiy aghda	Allium saralicum green-mediated silver nanoparticles: formulation, characterization and assessment of colorectal cancer activities
3	24324	Neda Ahmadiafshar	The copper and zinc nanoparticles synthesized using the aqueous extract of Artemisia (Mugworts) effectively prevent induced ulcerative colitis.
4	24326	Neda Ahmadiafshar	The silver and zinc nanoparticles synthesized using the aqueous extract of Matricaria chamomilla effectively prevent induced gastroduodenal ulcer.
5	24347	Siavosh Kaki Sahneh	Ameliorative effects of gold nanoparticle synthesized using Matricaria chamomilla extract on ulcerative colitis in rats
6	24287	Navid Etemadi	Novel green synthesis of Matricaria chamomilla extract conjugated gold nanoparticles with excellent anti-acute myeloid leukemia effect in comparison to daunorubicin in a leukemic rodent model
7	24419	Maryam Almasi	Ameliorative effects of nanoparticles synthesized by Artemisia annua on hepatotoxicity induced in mice
8	30198	Amirhossein Mardi	Nanocurcumin improves Treg cell responses in moderate and severe COPD patients
9	25590	Maryam Yavari	Anti-inflammatory efficiency of PEG-liposomal ginger in animal model of colorectal cancer
10	24327	Somayeh	The copper and zinc nanoparticles synthesized using the aqueous extract of



		Ahmadiafshar	Artemisia dracunculus effectively prevent induced gastroduodenal ulcer.
11	24428	Samira Zand	Comparative Effects of Gold and Copper Nanoparticles of Allium saralicum Aqueous Extract against fatty liver in rats
12	32902	Soheil Sadr	Nanotechnology: a potential treatment for immune wounds
13	25571	Rouhollah Hemmati Bushehri	Preparation of nanoliposomes containing rosemary alcoholic extract with polyethylene glycol coating
14	24243	Akram Zangeneh	Preparation, formulation, and chemical characterization of zinc nanoparticles using Falcaria vulgaris aqueous extract for the treatment of acute myeloid leukemia in vitro and in vivo conditions
15	24240	Akram Zangeneh	Preparation, formulation, and chemical characterization of gold nanoparticles using Allium saralicum aqueous extract for the treatment of acute myeloid leukemia in vitro and in vivo conditions

### Immunogenetics (10:30-12:30)

1	30153	Nastaran Mohseni	Immunogenic epitope analysis of Iranian cobra (Naja oxiana) snake venom using peptide displayed phage library
2	32960	Fatemeh Sabaghi	Frequency of HLA-B allelic groups in Arab ethnic group of Iran
3	35364	Mahnaz sadat Zahraei	Investigation of Correlation Pro-inflammatory Cytokines (IL-6, IL-8, TNF-a) Levels with rs 1049174 G>C Gene Polymorphism in Ductal Carcinoma Breast Cancer Women
4	35404	Amir Hossein Khosrozadeh	E-cadherin (CDH1) gene single nucleotide polymorphisms and risk of endometriosis in Iranian women papulation
5	30466	Faezeh Mehdizadeh	Evaluation of Epstein-Barr virus genes expression in peripheral blood mononuclear cells with Multiple Sclerosis patients under treatment
6	23059	Hossein Motedayyen	Effects of FcγRIIB and FcγRIIIA gene polymorphisms on systemic lupus erythematosus disease activity index
7	33021	Seyedeh Reihaneh Hashemi	Evaluation of CCR5Δ32 Polymorphism in Patients with Systemic Lupus Erythematosus and Healthy Individuals
8	34074	Shamim Fooladgar	Review on gene expression profile of pemphigus vulgaris: Emphasis on the most differentially expressed genes
9	32948	Benyamin Gheiji	Dysregulated miRNAs triggering inflammatory pathways in Systemic Lupus Erythematosus
10	31568	Ramin Yousefpour	A systematic review on the potential of circulatory cell free DNA in the diagnosis of Systemic lupus erythematosus patients
11	31862	Fatemeh Zamani	Association between histamine metabolism genes variants (HNMT and ABP1) and H1 antihistamines response in patients with chronic urticaria
12	31558	Ghazal Pourbeiragh	Evaluation of Human herpes virus type 6 (HHV-6) genes expression in peripheral blood mononuclear cells with Multiple Sclerosis patients under treatment
13	30430	Shakiba Kazemian	Evaluation of NF-κBα gene expression in PBMCs of patients with coronary artery disease
14	30425	Shakiba Kazemian	The serum levels of IL-36 in patients with coronary artery disease and its correlation with oxidative stress
15	30034	Malaksima Ayadilord	Relationship analysis of the miR-196a2 polymorphism (rs11614913) with colorectal cancer risk in southern Khorasan, eastern Iran

### Immunoematology and Transfusion Medicine (10:30-12:30)



1	35293	Hamidreza Zalpoor	Flt3-ITD mutated acute myeloid leukemia patients and COVID-19: potential roles of autophagy and HIF-1 $\alpha$ in leukemia progression and mortality
2	30325	Seyed Mohammadreza Bolandi	A Role for the Bone Marrow Microenvironment in Drug Resistance of Acute Myeloid Leukemia
3	30260	Roza Gharedaghi	A cross-sectional Study of Plasma Transfusion in an Academia Affiliated Hospital in Tabriz, Iran

### Immunopharmacology and Herbal Medicine (10:30-12:30)

1	28922	Maryam Bayat	Immunomodulatory effects of Menthol on IFN- $\gamma$ production and gene expression of T cell subsets transcription factors
2	25627	Elham Naji Zavareh	Response of T lymphocytes in mice challenged with ovalbumin and treated with sumac
3	24394	Seyyedjamal ladin Tabatabaiy Aghda	Hepatoprotective, nephroprotective, hematoprotective, immunoprotective, and gastroduodenal protective properties effects of the silver and zinc nanoparticles synthesized using the aqueous extract of <i>Artemisia dracunculus</i> in Wistar male rats
4	31821	Elaheh Karimzadeh Soureshjani	Naproxen as an Adjunctive Therapy in Hospitalized Patients with COVID- 19 infection: A randomized, double-blind, placebo-controlled, clinical trial
5	30086	Kimiya Rashidan	Investigating the Effects of Oleuropein on Reducing the Inflammation in Rheumatoid Arthritis Patients
6	35217	Ali Hazrati	The potential application of encapsulated exosomes: A new approach to increase exosomes therapeutic efficacy
7	30268	Leila Mahmoudzadeh	Effect of Nicotine on Immune System Function
8	30006	Fatemeh Mashhadi	In Vitro Immunomodulatory Effects of Carvacrol and Thymol on Splenocyte Cytokine Profiles and Macrophage Metabolic Polarization
9	24291	Navid Etemadi	Comparative Effect of gold Nanoparticles of <i>Matricaria chamomilla</i> Aqueous Extract against Acetaminophen-induced Hepatotoxicity in Mouse
10	31790	Nafiseh paysokhan	The anti-cancer effect of pomegranate extract on MCF 7 cell line
11	32936	Rasoul Rashidi	Investigating the anti-inflammatory effect of chamomile on peripheral blood leukocytes of patients with covid-19
12	30064	Sajad Chamani	The effects of statins on the function and differentiation of blood cells
13	30312	Bamdad Riahi-Zanjani	Aspartame as a safe compound to mice immune system
14	30313	Bamdad Riahi-Zanjani	Immunomodulatory effects of aqueous extract of <i>Narcissus tazetta</i> after subacute exposure to mice: A tiered-approach immunotoxicity screening
15	30314	Bamdad Riahi-Zanjani	Immunomodulatory effects of aqueous extract of Tarragon after subacute exposure to mice: A tiered-approach immunotoxicity screening
16	29997	Amirhossein Dolati Somarin	Anti-inflammatory Effects of Hydroalcoholic Extract of <i>Achillea biebersteinii</i> Flower on Complete Freund's Adjuvant-Induced Arthritis in Wistar Rats
17	24420	Maryam Almasi	Comparative Effect of Nanoparticles of <i>Falcaria vulgaris</i> and Aqueous Extract of <i>Falcaria vulgaris</i> against Acetaminophen-induced Hepatotoxicity in Mice
18	24378	Mohammad Reza Mahmoudian Sani	Anti-inflammatory potential of Quercetin in COVID-19 treatment

19	30535	maliheh moradzadeh	Cuscuta campestris induces apoptosis by increasing reactive oxygen species generation in human leukemic cells
20	24429	Samira Zand	Comparative effect of gold and zinc Nanoparticles of Allium saralicum and aqueous extract of Allium saralicum against Acetaminophen-induced hepatotoxicity in mice
21	32900	Soheil Sadr	Immunomodulatory and antioxidant effects of pomegranate seed oil on treatments of osteoporosis; systematic review
22	32985	Soheil Sadr	Nano-Herbal anti-cancer agents for cancer therapy; systematic review
23	29926	Hedieh Haji Khodaverdi Khani	Evaluation of Marhame-Mafasel ointment efficacy on collagen-induced arthritis rat model
24	28883	Arezoo Faridzadeh	Melatonin as an Adjuvant Treatment Against COVID-19: A Systematic Review
25	25697	Maryam Khalatbari	Three medicinal plants of traditional medicine on the response of misfortune in the second type
26	35563	Milad Zare	Insilico investigating the effects of Origanum vulgare flavonoids on the arginine dihydrolase pathway of Giardia lamblia
27	35561	Milad Zare	Exploring the Potential of Iranian Herbal Medicine as an Alternative Therapy for Allergic Diseases: An Immunopharmacological Review

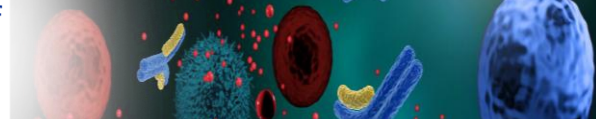
## 2<sup>nd</sup> Day: Friday 28 April 2023

**13:30-15:00**

### Allergy and Immunotherapy of Allergic Diseases (Basic) (10:30-12:30)

1	25756	Farhad Seif	Immunogenetics of drug hypersensitivity reactions: Association of HLAs and metabolic SNPs
2	31659	Nahid Eskandari	Association between the IL-7Ra gene polymorphisms of rs6897932 and rs987106 with atopic diseases
3	31734	Seyyed Shamsadin Athari	Effect of transduced mesenchymal stem cells with IL-10 gene on control of allergic asthma
4	31750	Saiedeh Erfanian	Vitamin D regulates GATA3 gene expression in allergic asthma
5	29954	Tannaz Abbasi-Dokht	Multistrain Probiotics Supplement Ameliorates Asthma Symptoms via Increasing Treg Cells Population And Modulation Of Immune Responses: A Randomized, Double-Blind, Placebo-Controlled Trial
6	31532	Safoora Pordel	Epicutaneous immunotherapy using DC-targeted gold nanoparticles as an efficient carrier in Mice Sensitized to pollen (Platanus orientalis)
7	23203	Sajad Chamani	Characterization of allergenic proteins in five common regional plant pollens
8	24315	Saba Ebrahimi	Investigating the history of allergies in suspected and confirmed eosinophilic esophagitis patients and their families
9	31700	Narges Marefati	Treadmill exercise restores memory and hippocampal synaptic plasticity impairments in asthmatic juvenile rats
10	31576	Navideh	Sublingual immunotherapy by mannose-decorated ovalbumin (Ova)





		Haghnava	encapsulated poly lactic-co-glycolic acid (PLGA) nanoparticles modulates immune responses in mouse model of allergy
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### Allergy and Immunotherapy of Allergic Diseases (Clinical) (10:30-12:30)

1	30541	Yazdan Ebrahimpour	Prevalence of specific IgE to different food allergens in sera of patients suspected of food allergies
2	30149	Samane Kouzegaran	Immunotherapy in allergic rhinitis: its effect on the immune system and clinical symptoms
3	35199	Fatemeh Alizadeh	Sustained Unresponsiveness Induced by Oral Immunotherapy Is Not a Completely Symptom-Free Condition: A Prospective Case Series
4	35327	Zahra Shafaghat	Immunomodulatory role of oral microbiota in allergic conditions
5	25638	sahar Molavinia	Prevalence of respiratory allergy among university students of Jundishapur University of Medical Sciences, Ahvaz
6	30241	Haleh Abdoli Sereshki	Report of intense allergic rhinitis to Oleaceae pollen family in Tehran, IRAN
7	31671	Hamidreza Houshmand	Evaluation of the Neutrophil to Lymphocyte Ratio in the Patients of Kawasaki Disease Resistant to Intravenous immunoglobulin (IVIg) Therapy
8	31672	Hamidreza Houshmand	Evaluation of the difference between children before school age with asthma in rural and urban areas in West Azerbaijan province of Iran
9	28843	Sina Nouri	Evaluation of disease-modifying therapies influence on IgE titer and allergy condition in Multiple Sclerosis patients
10	28899	Saboura Nikpour	Production and evaluation of the allergenicity of Aspergillus fumigatus extract
11	31836	Afshin Mohebi Zarin Dare	Investigating the prevalence of allergy to latex gloves in nursing students of Islamic Azad University, Bandar Abbas branch
12	30218	Maryam Sharifshoushtari	Airborne Asteraceae pollen monitoring and relationship whit meteorological data: The main cause of the potential phytodermatitis and skin allergy in Tehran, Iran
13	24473	Sajad Chamani	The role of nanoparticles in the development, treatment and diagnosis of allergies
14	35359	Sheida Janati	Obesity and microbiome in atopic dermatitis
15	29958	Noosha Samieefar	Knowledge, Attitude, and Practice of Pediatric Drug Allergy among Medical Interns
16	30050	Farahzad Jabbari Azad	Effects of Zataria Multiflora extract on Cytokines Expression in Allergic Rhinitis Patients: a Double-Blind Randomized Clinical Trial
17	30052	Farahzad Jabbari Azad	The Evaluation of Subcutaneous Immunotherapy Efficacy and Serum Vitamin D Effects in Allergic Rhinitis Adult Patients

### Environmental Pollution and Immunology (13:30-15:00)

1	30189	Amin Asadolahi	Sensitization antigens of brown-banded cockroach ( <i>Supella longipalpa</i> ) and compartion with german cockroach( <i>Blattella germanica</i> ) in the animal model
2	31837	Afshin Mohebi zarin dare	The relationship between children's exposure to cigarette smoke and the prevalence of asthma and allergy symptoms

### Tolerance and Autoimmunity (13:30-15:00)

1	23206	Morteza Jafarinia	Male microchimerism in peripheral blood from women with multiple sclerosis
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2	31551	Mahsa Tahsili	Evaluation of oligoclonal bands and Neuromyelitis optica by exploiting Isoelectric focusing and Immunofluorescence studies for accurate diagnosis in Multiple Sclerosis patients in Tehran
3	30081	Morteza Jafarinia	Multiple sclerosis impact on pregnancy: An update on management issues
4	31804	Pooria Fazeli	T stem cell memory characteristics in auto immune diseases and their promising therapeutic values
5	35351	Nasrin Omid	Effect of Sperulina on Type 1 diabetes
6	32876	Zahra Emami koorandeh	Evaluation of inflammatory genes mRNA expression level in a mouse model of psoriasis treated with dexamethasone and anti-interleukin-17 aptamer
7	34172	Faezeh Shahba	Mutual association between autoimmune diseases and malignancies
8	23146	Nadia Sharafkandi	Increased expression of microglia related genes, A1AR, CX3CR1, SIRP- $\alpha$ in brain of IFN- $\beta$ treated experimental autoimmune encephalomyelitis (EAE) induced C57BL/6 mice
9	30365	Leila Mahmoudzadeh	The effect of Conditioned medium of Mesenchymal stem cells treated with nicotine on Concanavalin A induced Autoimmune hepatitis induced in C57BL/6 mice
10	35344	Mohammad Ghasemi	Therapeutic effect of Lactobacillus plantarum on lupus in mice
11	30228	Leila Nejatbakhsh Samimi	NF- $\kappa$ B signaling in rheumatoid arthritis with focus on fibroblast-like synoviocytes
12	28850	Zahra Tadayon	Investigating the possible association between Toll-like receptor 9 (TLR9) genetic variants rs187084 and rs352140 and susceptibility to Behcet's disease in an Iranian population
13	24387	Sadegh Mousavi	Alternative C5 - convertases promote skin inflammation in experimental epidermolysis bullosa acquisita
14	29957	Mohammad javad Vaferi	The expression level of immunological checkpoints in multiple sclerosis patients
15	27811	Mohsen Rokni	The role of endothelin and RAS/ERK signaling in immunopathogenesis-related fibrosis in patients with systemic sclerosis: an updated review with therapeutic implications
16	23212	Fatemeh Faramarzi	Cold atmospheric plasma effect on inflammatory and joint destructive factors in Fibroblast-like synoviocytes from osteoarthritis patients
17	23088	Delaram Arjmandi	Helicobacter pylori infection and multiple sclerosis: an updated meta-analysis
18	23177	Fatemeh Faramarzi	Inhibitory Effects of Cold Atmospheric Plasma on Inflammation and Tumor-Like Feature of Fibroblast-Like Synoviocytes from Patients with Rheumatoid Arthritis
19	26792	Alireza Kooshki	Circulatory level of Cadmium, Lead and Iron in Multiple sclerosis patients; A systematic Review and Meta-Analysis
20	28830	Zahra Sardarmelli	Evaluation of tumor necrosis factor- $\alpha$ and nuclear factor- $\kappa$ B in patients with newly diagnosed type 2 diabetes mellitus
21	28935	Fateme Mohamadi	The role of CAR-T cell in autoimmune diseases
22	24411	Parisa Esmaeili	Effects of Gliadin on Autoimmune Responses of Central Nervous System of C57BL/6 Mice
23	35340	Mohsen Masjedi	Successful Treatment of the Bullous Disease of Pemphigus Vulgaris with the Widespread Mucocutaneous Lesions in an Old Patient
24	31831	Atousa	Uncovering Novel Immunotherapeutic Approaches for Autoimmune Diseases



		Shahrokhi	using <i>Caenorhabditis elegans</i>
25	29983	Hamed Mohammadi	MiR-155 targeting T-cell immunoglobulin and mucin domain 3 (TIM-3) promote Natural killer cell exhaustion in Ankylosing Spondylitis
26	29984	Hamed Mohammadi	Analysis of PD-1 expression on NK cells of patients with rheumatoid arthritis; Positive association with DAS28
27	26790	Adel Mohammadzadeh	Umbilical cord MSCs-derived exosomes increased FOXP3+ / LAG-3+ Tregs and ameliorates experimental autoimmune encephalomyelitis
28	30003	Maryam Hemmatzadeh	Analysis of PD-1 expression on NK cells of patients with rheumatoid arthritis; Positive association with DAS28
29	27793	Zahra kanaannejad	Following the children and adolescent with systemic lupus erythematosus during the COVID-19 outbreak
30	23042	Atefeh Najmadini	Increased expression of PD-1 on Circulating CD8+ CD3+ T cells correlates with EBV viral load in MS patients
31	23061	Atefeh Najmadini	Remyelination therapies: A promising and modern therapeutic approach to the treatment of multiple sclerosis
32	23218	Sara Molaghaee Rouzbahani	Investigation of the effect of gliadin peptides on THP-1 derived macrophages phenotype.
33	35514	Fatemeh Jalali	Immunotherapy approaches for neuroimmunological disorders
34	35559	Milad Zare	Nutrition, Immunity, and Multiple Sclerosis: A Review of Current Evidence
35	35489	Melika Gorgani	Comparison of the PD-1 expression level in peripheral blood of Multiple Sclerosis and Neuromyelitis Optica patients

### Immunology of Rheumatic Diseases (13:30-15:00)

1	30277	Parisa Zafari	Asymmetric and symmetric dimethylarginine concentration as an indicator of cardiovascular diseases in rheumatoid arthritis patients: a systematic review and meta-analysis of case-control studies
2	24474	Sajad chamani	Immunomodulatory effects of curcumin in systemic autoimmune diseases
3	25557	Zahra Javanmardi	Anti-inflammatory effects of <i>Lactobacillus delbruki</i> and <i>Lactobacillus rhamnosus</i> probiotics on phenotype and gene expression of M1 and M2 macrophages produced from monocytes of new case lupus patients.
4	34176	Maryam Roozbehkia	Role of neurotransmitters in immune-mediated inflammatory disorders: a crosstalk between the nervous and immune systems
5	30536	Maliheh Moradzadeh	Efficacy and safety of rituximab therapy in patients with systemic sclerosis disease (SSc): systematic review and meta-analysis
6	35188	Hale Radi	Interleukin-2 therapy in Rheumatoid Arthritis patients: Systematic Review of clinical trials
7	28882	Arezo Faridzadeh	Autoimmune Diseases and Multisystem Inflammatory Syndrome Following SARS-CoV-2 Infection: Molecular Mechanisms and Therapeutic Opportunities
8	25723	Nasim Bolouri	Molecular mechanisms and mediators in the pathogenesis of systemic lupus erythematosus

### Immunometabolism (13:30-15:00)

9	29965	Sara Mirzazadeh	Cholesterol: An important actor on the cancer immune scene
10	24383	Zahra Saleh	Targeting TRIM29 as a novel therapeutic approach to improve antitumor efficacy of CAR-NK cells: A Perspective



11	30497	Jahangir Abdesheikhi	Metabolic regulation of T cell activity: implications for metabolic-based T-cell therapies for cancer
12	35295	Hamidreza Zalpoor	The roles of metabolic profiles and intracellular signaling pathways of tumor microenvironment cells in angiogenesis of solid tumors
13	25646	Mahsa Eshkevar Vakili	Targeting T Cell Metabolism as a Novel Approach for Treatment of MS: With a Focus on PFKFB3 Inhibitors
14	23236	Sara Iranparast	Tumor-Induced Metabolism and T Cells Located in Tumor Environment

**2<sup>nd</sup> Day: Friday 28 April 2023**

**15:30-17**

**Cancer Immunology (1)**

1	25729	Neda Shajari	COL10A1 and TMPRSS4 May be the Potential Diagnostic Biomarkers in Pancreatic Ductal Adenocarcinoma
2	28876	Negin Karamali	Consequences of HRD1 dysregulation in different types of tumor cells with a therapeutic perspective
3	31484	Hamid Aria	Purinergic receptors are a key bottleneck in tumor metabolic reprogramming: The prime suspect in cancer therapeutic resistance
4	31488	Hamid Mavaddati	Investigating the expression of immune checkpoints in tumor tissues and adjacent normal tissues in the women referred to Imam Reza Hospital in Tabriz in 2019
5	30309	Parisa Bakhshi	The changed phenotypic properties of monocyte-derived dendritic cells in patients with prostate cancer
6	33004	Mahshad Entezam	Effects of BET Inhibitor JQ1 and Interleukin-6 on Breast Cancer Cells
7	35289	Hamidreza Zalpoor	Potential role of autophagy induced by FLT3-ITD and acid ceramidase in acute myeloid leukemia chemo-resistance: new insights
8	35316	Nazanin Akbari	Effect of skin microbiome in melanoma progression
9	35378	Reyhaneh Yarmohammadi	Investigation of SMAD4 expressions in patients with colorectal cancer and in the adjacent control group
10	31559	Nastaran Nikkhou	A Systematic Review of Investigations Efficiency Between CAR-T, CAR-NK, and CAR-M cells Therapy in Solid Tumors
11	30476	Mahnaz Rezaei	Cancer Vaccine in Cold Tumors: Clinical Landscape, Challenges and Opportunities
12	25580	Mahnaz Rezaei	TIM-3 in leukemia; immune response and beyond
13	25528	Sepideh Sohrabi	Prostate cancer cells-derived exosomes promote endothelial to mesenchymal transition (EndMT) in HUVEC cell line
14	23060	Shervindokht Farhangfar	Anticancer effects of functionalized graphene-arginine with ginsenoside Rh2 in balb/c mouse model with breast cancer
15	28869	Fatemeh Zare	Comparison of serum TNF- $\alpha$ levels in patients with malignant Laryngeal cancers with control group
16	29977	Melika Sheikhan	Evaluation of the cytotoxic effect of secretory mediators of activated Natural killer Cells on pancreatic cancer mouse model



17	35370	Behzad Karami	Investigation of the Frequency of SNPs (rs 1049174 G>C) of the NKG2D Receptor on Natural Killer Cells in Various Types of Breast Cancers and Correlation with IL-6, IL-8, TNF- $\alpha$ Levels
18	31741	Armin Akbar	Expression of immune checkpoint receptors in acute lymphoblastic leukemia
19	28959	Nadia Bolandi	The positive and negative immunoregulatory role of B7 family: promising novel targets in gastric cancer treatment
20	30019	Shirin Tavana	The survey in the role of LAG3 <sup>+</sup> tumor-infiltrating lymphocytes in colorectal cancer prognosis; Relationship with sidedness
21	30098	Khadijeh Ramezani Aliakbari	MDSC depletion using a peptibody augmented inhibitory effects of an anti-HER2 monoclonal antibody on 4T1-HER2 tumor growth in vivo
22	23058	Hossein Motedayyen	Alters in immune profile influence disease progression in hepatocellular carcinoma
23	23099	Armin Akbar	Evaluation of mRNA expression of CD244, SAP, EAT-2, and LncRNA-GSTT1-AS1 in CD8 <sup>+</sup> T-cells in ALL and AML
24	31853	Nafiseh Paysokhan	The anti-cancer effect of pomegranate extract on MCF 7 cell line
25	30463	Maryam Moradi	In vitro and in vivo evaluation of anti-tumoral effect of M1 phenotype induction in macrophages by miR 130 and miR 33 containing exosomes
26	31483	Banafsheh Rastegari	The association of LPPR4/PRG1 expression levels in patients with Prostatic cancer
27	30403	Fatemeh Heidari	Evaluation of the effects of FLT3 Ligand on TIM-3 expression in leukemic myeloid cell line THP-1
28	30407	Narges Abdollahi	The role of PD-1/PD-L1 and Anti-PD-1/PD-L1 in cancer progression and suppression
29	25675	Adib Miraki Feriz	Investigation the role of cancer associated fibroblasts in gastric cancer patients treated with nivolumab; a single cell RNA-seq study
30	35341	Zahra Ranjbar	Effect of Melatonin on inflammatory cytokines of breast cancer
31	34107	Parnian Jamshidi	The association between allergy and cancer: new perspectives
32	31730	Mohsen Keykhosravi	Clinical significance of TNFSF14/LIGHT and CD160 in gastric cancer and peptic ulcer dyspepsia
33	30283	Nahid Zainodini	Evaluation of Transmembrane Phosphatase with TEnsin Homology expression in prostate cancer tissues
34	30391	Elahe Safari	Breast cancer: Biology, biomarkers, and treatments
35	35605	Mina Roshan Zamir Shiraz	The impact of killer cell immunoglobulin-like receptor (KIR) genes and HLA class I ligands on predisposition or protection against prostate cancer

### Cancer Immunology -2 (15:30-17)

1	354 84	Soheil Sadr	Inhibiting cancer cells with Echinococcus granulosus antigen B (EgAgB):A systematic review
2	25738	Alireza Hajabbas farshchi	Evaluation of dihydrofuro[3,4-d]pyrimidine compound on K562 tumor cell line and peripheral blood mononuclear cells (PBMCs).
3	25739	Alireza Hajabbas farshchi	Evaluation of the cytotoxic effects of N-pentyl-2,7-diphenyl-3,8a-dihydroimidazo[1,2-a]pyrimidin-3-amine on K562 human tumor cell line.
4	25740	Alireza Hajabbas farshchi	Evaluation of pyrido[3',2':4,5]furo[3,2-d]pyrimidine compound on K562 tumor cell line and peripheral blood mononuclear cells (PBMCs).



5	25741	Alireza Hajabbas farshchi	Evaluation of the cytotoxic effects pyrrolo[2,3-d]pyrimidine compound on 4T1 mouse breast cells line.
6	25742	Alireza Hajabbas farshchi	Evaluation of thiazolo[2',3':1,6]pyrido-[2,3-d]pyrimidine compound on K562 tumor cell line and peripheral blood mononuclear cells (PBMCs).
7	24377	Mohammad Reza Mahmoudian Sani	Long non-coding RNA signatures and related signaling pathway in T-cell acute lymphoblastic leukemia
8	25689	Elham Rasoulia leil abadi	PAMAM nanoparticles produced to load the siRNA molecules against CD73
9	35263	Asieh Emami Nejad	Investigation of Pro-Inflammatory Cytokines(TNF $\alpha$ , IL1-b) Levels and Total Reactive Oxygen Species (ROS) in Human Hepatoma Cell Line (HepG2) Treated with Methanolic Moringa Oleifera Leaves Extract
10	30369	Zahra Mansourabadi	Frequency of T cell subsets with regulatory phenotypes in patients with acute myeloid leukemia (AML)
11	32974	Maryam Soltani-Asl	Evaluation the role of IDO-kyn-AHR pathway in the triple negative breast cancer
12	31725	Amirhossein Mardi	Validation of miRNAs achieved from GEO database in serum and tissue of breast cancer as a potential diagnostic biomarker
13	31778	Emad Heydarnia	The effect of co-treatment of metformin and PCL-sorafenib nanomedicine on MCF-7 cell line.
14	30007	Zahra Mokhtari	The study of the relationship between PD-1 expression in the tumor tissue of patients with colorectal cancer and the clinicopathological characteristics according to tumor sidedness
15	31633	Ramtin Shamir	Correlation between PD-1 inhibition and c-MYC expression in oral squamous cell carcinoma cell line (HN5)
16	34080	Kaveh Hadiloo	CAR-NKT cell: a new promising paradigm of immunotherapy for cancer
17	32988	Mohammad Hossein MousaviShenas	Micro RNAs and signaling networks involved in Epithelial-Mesenchymal Transtion
18	31698	Nafiseh Esmaeil	Targeting immune checkpoints: how to use natural killer cells for fighting against solid tumors
19	31842	Shiva Alipour	Anticancer effects of Fludarabine Phosphate on colorectal carcinoma cell line (SW480)
20	31502	Elham Babaeinia	The assessment of IL-10 and IL-19 gene expression levels in breast cancer tumor draining lymph nodes
21	30075	Shiva Abolhassani	The role of SF3B1 and NOTCH1 in the pathogenesis of leukemia
22	26766	Pooya Farhangnia	Advances in therapeutic targeting of immune checkpoints receptors within the CD96-TIGIT axis: clinical implications and future perspectives
23	25709	Mina Mohamadtaheri	Evaluation of Nilotinib-Chitosan anti-inflammatory effect on mouse model of breast cancer
24	35416	Pooya Farhangnia	The association between CD3+ and CD8+tumor-infiltrating lymphocytes (TILs) and prognosis in patients with pancreatic adenocarcinoma
25	30460	Samira Tabaei	The functions of Bregs in Cancer
26	31510	Elaheh Arianfar	Natural Killer Cell Defects in Breast Cancer: A Key Pathway for Tumor Evasion



27	30392	Samira Tabaei	Proteomics strategies for urothelial bladder cancer diagnosis, prognosis and treatment: Trends for tumor biomarker sources
28	30232	Farhoodeh Ghaedrahmati	Evaluation of phenotype and cytotoxic activity of natural killer cells derived from human umbilical cord blood stem cells
29	29952	Hossein Khorramdelazad	The Cryptic Role of CXCL17/CXCR8 axis in the Pathogenesis of Cancers: A Review of the Latest Evidence
30	29941	Fatemeh eskandari	The role of Fusobacterium nucleatum in increasing the aggressive behavior of cancer-associated fibroblasts in colorectal cancer
31	25499	Dr Mohsen Mohammadi	Chronic inflammation and its role to colorectal cancer development
32	25500	Dr Mohsen Mohammadi	Comparison of the expression level of TLR2, TLR4, NLRP3 and NOS2 genes in peripheral blood monocytes of colorectal cancer patients and healthy controls
33	24404	Zahra Mozooni	The relationship between serum IgE level and IL-4 and IL-13 cytokines in colorectal cancer patients

### 3<sup>rd</sup> Day: Saturday 29 April 2023

8:00-10:30

### COVID-19 Immunology and Vaccines

1	25755	Farhad Seif	JAK Inhibition as a New Treatment Strategy for Patients with COVID-19
2	26778	Minoo Shahidi	Association between hematological and biochemical markers and disease prognosis in COVID-19.
3	35302	Amir Hossein Haji Jafari	Evaluation of anti-SARS-CoV-2 RBD IgG response after third booster dose of SpikoGen® in individuals with two previous doses of Sinopharm
4	31702	Sahar Golabi	Profiling serum levels of glutathione reductase and interleukin-10 in positive and negative-PCR COVID-19 outpatients: A comparative study from southwestern Iran
5	31708	Ahmad Habibi Dashtebayaz	How asthmatic children dealt with the coronavirus pandemia? Adherence to Controller Medications and Level of Control among Children with Asthma Registered in Mashhad University of Medical Sciences
6	30435	Arezoo Sadoughi	Efficacy of Gyluronic Acid (G2013) in the Management of Hospitalized COVID-19 Patients; a Randomized, Positive Control Clinical Trial.
7	30177	Ronak Rashedi	COVID-19 vaccines Mix-and-Match: The Concept, the Efficacy, and the Doubts
8	30085	Roya Mahdavi	The effect of remdesivir as an anti-COVID-19 drug on chicken hepatocytes enzymes; an in vitro-study
9	30097	Roya Mahdavi	Serum trace elements levels and their correlation with severity and outcomes in COVID-19 patients
10	34044	Dorna Rafighi	Evaluation of rheumatoid arthritis antibodies in patients with Covid-19 in Salmas County
11	33024	Soheila Bina	The effect of 8 weeks of aerobic exercise on the quality of life of people recovered from Covid-19 disease
12	35290	Hamidreza Zalpoor	Possible role of autophagy induced by COVID-19 in cancer progression, chemo-resistance, and tumor recurrence
13	35291	Hamidreza Zalpoor	The roles of Eph receptors, neuropilin-1, P2X7, and CD147 in COVID-19-associated neurodegenerative diseases: inflammasome and JAK inhibitors as potential promising therapies
14	35328	Maryam Mousavi	Potential Adjuvant Effect of Lactobacillus acidophilus for treatment of SARS-CoV-2
15	31772	Nasir Arefinia	Association between expression of ZBP1, AIM2, AND MDA5 genes and



			severity of COVID-19
16	31735	Shamsadin Athari	The first report of 2:1 atrioventricular block following COVID-19 vaccination
17	31504	Umoulbanin Alibakhshi	Evaluation of two type I IFN-induced genes (ly6e and usp18) gene expression and association with the severity of clinical symptoms in COVID-19 patients
18	30487	Mahla Abbasi	Cellular and Humoral Immune Responses against AS03-Inactivated SARS-CoV-2 Vaccine
19	30104	Maryam Nourizadeh	Immunoediting in SARS-CoV-2: Mutual relationship between the virus and the host
20	28866	Mahdi Majidpour	Epidemiology, Transmission, Clinical Features, Diagnosis, Treatment, and Prevention of COVID19: An Updated Review
21	27789	Yousef Atefpour	COVID-19 and Diabetes: A narrative review
22	34049	Nazanin Aghamohamadi	Age-Dependent Immune Responses in COVID-19-mediated Liver Injury: Focus on Cytokines
23	31673	Hamidreza houshmand	Investigation of specific antibody titer against SARS-CoV-2 virus during hospitalization and one month after discharge in hospitalized children with severe and critical Covid-19 infection
24	31582	Mohammad Javad Yazdanpanah	IgY based therapeutic approaches in COVID-19: A Systematic Review
25	30507	Ensie sadat Mirsharif	Association of the CTLA4 gene +49A>G single-nucleotide polymorphism (rs231775) with Covid-19 severity in Iranian population
26	23056	Hossein Motedayyen	Immune changes during COVID-19 recovery play important role in clarifying disease severity
27	23057	Hossein Motedayyen	Characterizing the immune responses of subjects who survived or succumbed to COVID-19: Can immunological signatures predict outcome?
28	25656	Mohammad Bakhshivand	Hemoperfusion reduces the serum level of IL-6 in COVID-19 patients
29	26793	Elahe Alebrahim-Dehkordi	T helper type (Th1/Th2) responses to SARS-CoV-2 and influenza A (H1N1) virus: From cytokines produced to immune responses
30	23120	Ferial Dabbagh	Review article: COVID-19 and neurological complications
31	23168	Safa Tahmasebi	Immunogenicity and safety of the COVID-19 vaccines in adult patients with autoimmune inflammatory rheumatic diseases: A systematic review and meta-analysis
32	24263	Mahsa Eshkevar Vakili	Targeting Citrate Carrier (CIC) in Inflammatory Macrophages as a Novel Metabolic Approach in COVID-19 Patients: A Perspective
33	28923	Ali Rahimi	Role of CCL2/CCR2 axis in the pathogenesis of COVID-19 and possible Treatments: All options on the Table
34	35301	Maryam Bakhtiyari	CD147 and cyclophilin A: a promising potential targeted therapy for COVID-19 and associated cancer progression and chemo-resistance
35	31687	Fatemeh EmamiPari	A Review of Pleiotropic Potential of Erythropoietin as an Adjunctive Therapy for COVID-19
36	30485	Tadeh Sepanyian	Formulation of Inactivated SARS-CoV-2 Virus in MF-59 adjuvant; Analysis of Cellular and Humoral Immune Responses
37	30230	Najmeh Sepahi	Neutrophil chemotaxis in children with MIS-C
38	28828	Fateme Zare	Comparison of Immune Response between SARS, MERS, and COVID-19 Infection, Perspective on Vaccine Design and Development





39	28910	Sajad Chamani	The role of inflammatory cytokines (IL-1 and IL-6) as a potential biomarker in the different stages of Covid-19 (mild, severe, and critical)
40	30366	Fatemeh Keshavarz	IL-10 and TGF- $\beta$ 1 serum levels are associated with disease severity in COVID-19 patients
41	30310	Soheila Golchin	A nested PCR method to track down COVID-19 spike gene sequence
42	24359	Fereshteh Ebrahimi	Cross-talk between heat shock proteins and SARS-CoV-2; A systematic review
43	32901	Nima Zafari	The Association Between Vitamin-D Deficiency And COVID-19 Severity
44	32998	Aref Yarahmadi	Bioinformatic investigation of plant compounds as a potential inhibitor of the main protease of covid 19
45	30247	Mehrshid Mehravaran	An analysis of vitamin D serum levels in rats post-immunized with inactivated feline coronavirus (FCoV) and COVID-19 viruses
46	30386	Mostafa Mostafavi Zadeh	Production of the Neutralizing monoclonal antibody against RBD protein of SARS-CoV-2
47	30100	Zahra Akbari Jonoush	The effect of Remdesivir on the secretion of inflammatory markers by chicken liver cells
48	24380	Mohammad Reza Mahmoudian Sani	COVID-19-induced immune thrombocytopenic purpura; Immunopathogenesis and clinical implications
49	30394	maryam sayahinouri	Functionality of immune cells in COVID-19 infection: development of cell-based therapeutics
50	33022	Reihaneh Hashemi	Mucormycosis infection in severe COVID-19 patient with multiple underlying health conditions
51	30199	Amirhossein Mardi	Interleukin-1 in COVID-19 Infection: Immunopathogenesis and Possible Therapeutic Perspective
52	31651	Maryam Nezafat Firizi	Side effects of the COVID-19 vaccines in children aged 5-12 years in Iran, North Khorasan
53	31653	Maryam Nezafat Firizi	Determinant factors of COVID-19 vaccine acceptance by the parents of children aged 5 to 12 years, North Khorasan, Iran
54	24303	Zahra Azadian	Multi-targeted therapeutic potential of genus Salix aegyptiaca extract against COVID-19
55	31564	Arezou Dabiri	Clinical Characteristics and Spike Glycoprotein Mutations in Iranian patients with Coronavirus Disease (COVID-19).
56	34129	Mahshid Naghashpour	Evaluation of possible association between serum levels of aldosterone and cortisol with clinical symptoms progression in COVID-19 suspicious outpatients tested for SARS-CoV2 RTPCR: an analytical cross-sectional study
57	35271	Saeed Motlaghzadeh	Comparison of AstraZeneca and sinopharm vaccines as boosters in protection against COVID-19 infection
58	32919	Sara Ghaffarpour	Longitudinal study of IFN- $\alpha$ in patients with COVID-19
59	32920	Sara Ghaffarpour	Simultaneous enhancement of TNF- $\alpha$ and IFN- $\gamma$ lead to inflammation, severity and mortality in COVID-19
60	30530	Nazanin Nazari	Association of ABO blood groups and rhesus antigen distribution with COVID-19 in Iran
61	30400	Sheyda Houshmandfar	Comparison of the expression of miR223, NLRP3, and IL-1 $\beta$ genes axis in patients with the severe form of COVID-19 and healthy individuals
62	29944	Marziye Shamshiri	Effect of quercetin supplement on clinical factors and miR-218 expression in hospitalized patients with severe covid-19.



63	28888	Mohammad Jafari	The prevalence of asymptomatic SARS-CoV-2 infection increases after vaccination
64	28928	Mohammad Shafi mojadadi	Anti-SARS-CoV-2 spike IgG following injection of the 3 <sup>rd</sup> dose vaccine: A systematic review with meta-analysis of heterologous versus homologous vaccination
65	28930	Mohammad Shafi mojadadi	Comparative evaluation of inflammatory indices in COVID-19 patients with different involvement of lung
66	24360	Pegah Moharrammi Yeganeh	Cross-Talk of Brain Immunology and Long Covid-19 Syndrome: Systematic Review
67	24369	Aylin Tarighi	Evaluation of clinical and laboratory findings in asthmatic patients with COVID-19 admitted to the Ardabil Imam Khomeini hospital
68	32962	Nima Hemmat	A Bioinformatics Investigation on Neutrophils' Role in Coronavirus Infection: Are They Beneficial or Detrimental Immune Cells?
69	31631	Saeede Soleimanian	Harnessing Memory NK Cell to Protect Against COVID-19
70	35801	Shohreh Moradkhani	Immunity to SARS-CoV-2; innate and adaptive immune responses in COVID-19
71	35743	Esmail Ghorbanalinezhad	

### 3<sup>rd</sup> Day: Saturday 29 April 2023

10:30-13:30

#### Immunomodulation and Immunoregulation

1	31609	Mohammad Ali Rezaiee	Characterization of IL-23 ss-DNA aptamer and inhibitory effects of it on MCF-7 cell line proliferation
2	30297	Haniyeh Shahabi	In-vitro effects of Kaolin on IL-6 and TNF- $\alpha$ cytokines derived from PBMCs
3	32870	Ehsaneh Azaryan	Effect of Honey as an Immunomodulator on Human Dermal Fibroblast: A Comparative in vitro Study
4	30421	Saeedeh Pourhamedi	Immunomodulatory effects of engineered hTERT-MSCs overexpressing IDO1 gene against xenogeneic rat peripheral blood mononuclear cells
5	30449	Ali Saeedi-Boroujeni	Progranulin (PGRN) as a critical factor in the immunopathogenesis of cardiovascular diseases
6	34113	Nayereh Asgari	Title: IL-10 and microRNAs 25, 29 as potential biomarkers for coronary artery disease related to type 2 diabetes mellitus
7	31819	Fariba Mahmoudi	Extracellular vesicles of immune cells; immunomodulatory impacts and therapeutic potentials
8	30534	Fariba Nemati Shamsabad	Cytotoxicity effects of bentonite, zeolite and sepiolite clay minerals on peripheral blood mononuclear cells (PBMCs)
9	30413	Mahdiyeh Nateghi	The effect of Bentonite clay on IL6 and TNF- $\alpha$ secretion from human PBMCs
10	32905	Pouria Ahmadi Simab	Immunomodulatory effects of hydrogels in treating chronic wound healing: a systematic review
11	31485	Somaye Karimi	The platelets in the products of leukocyte-rich PRP (LR-PRP) and Leukocyte-poor PRP (LP-PRP) inhibit the proliferation of peripheral blood mononuclear cells (PBMCs).
12	30281	Ali Zarezadeh	The roles of interleukin-1 receptor accessory protein in certain inflammatory



		Mehrabadi	conditions
13	28874	Misagh Rajabinejad	Immune-related adverse events (irAEs) in ankylosing spondylitis (AS) patients treated with interleukin (IL)-17 inhibitors: a systematic review and meta-analysis
14	24379	Mohammad Reza Mahmoudian Sani	The role of inflammatory mediators in the pathogenesis of periodic fever, aphthous stomatitis, pharyngitis and cervical adenitis (PFAPA) syndrome
15	23164	Atefe Ghamar Talepoor	Decrease in the inflammatory cytokines of LPS-stimulated PBMCs of patients with atherosclerosis by a TLR-4 antagonist in the co-culture with HUVECs
16	30140	Mohammad Sheibani	Glatiramer acetate attenuates renal ischemia reperfusion injury in rat model
17	30142	Mohammad Sheibani	Glatiramer acetate treatment inhibits inflammatory responses and improves survival in a mice model of cecal ligation and puncture-induced sepsis
18	24449	Marziyeh Soltani	Autoimmunity and Schizophrenia
19	25543	Fatemeh Keivan	Comparison Between the Immunomodulatory Effects of the Naringenin and Prednisolone
20	23169	Pegah Moharrammi Yeganeh	Cellular and biological factors involved in healing wounds and burns and treatment options in tissue engineering
21	24364	Pegah Moharrammi Yeganeh	M2 Macrophage Activation and Cutaneous Wound Healing: A Systematic Review
22	29970	Kimiya Rahimifard	Comparison of the CD4+ CD25+ CD39+/- T cells frequency and expression level of Deltex-1 gene in kidney transplant recipients with normal long term graft function and chronic graft dysfunction
23	24254	Zeinab Rostamy	The immunoregulatory property of Mesenchymal Stem Cells in Crocin treatment by modulation of microRNA-155, microRNA-21, microRNA-23b, microRNA-126a, and the expression of their targets.
24	30395	Fateme Khamar	STAT3 inhibition induces adipose-derived mesenchymal stem cells with anti-inflammatory properties

**Psychoneuroimmunology (10:30-13:30)**

1	35292	Hamidreza Zalpoor	Increased neuropilin-1 expression by COVID-19: a possible cause of long-term neurological complications and progression of primary brain tumors
2	34114	Nayereh Asgari	Investigating stress-induced atherosclerosis in rats with an early life stress history
3	34136	Golnaz Khodayari	CD Protein Markers as Potential Therapeutic Targets in a Mouse Stroke Model
4	31719	Amir Gholamzad	Novel Treatments in Multiple Sclerosis
5	34072	Morteza Hosseinzadeh	A Comparison of Thioredoxin 1 Gene Expression in Schizophrenia Patients before and after Treatment with Risperidone
6	25578	Shadi Moradi	An inclusive study on cytokine gene expression in Parkinson's disease: Advanced analysis using Bayesian regression model
7	30039	Malaksima Ayadilord	Neuropsychological function is related to irritable bowel syndrome in women with premenstrual syndrome and dysmenorrhea

**Transplantation (10:30-13:30)**



1	30296	Mina Roshan Zamir Shirazi	Natural killer cells and killer cell immunoglobulin-like receptors in solid organ transplantation: protectors or opponents?
2	31718	Sanaz Keshavarz Shahbaz	Application of PLGA nano/microparticle delivery systems for immunomodulation and prevention of allotransplant rejection
3	31767	Shideh Namazi	T helper 17 and regulatory T-cell profile and graft-versus-host disease after allogeneic hematopoietic stem cell transplantation in pediatric patients with beta-thalassemia
4	30469	Mohammad Mahmoudi	The role of NK cells and their exosomes in graft versus host disease and graft versus leukemia
<b>Immunovirology (10:30-13:30)</b>			
1	31775	Nasir Arefinia	Innate immune sensors for detecting nucleic acids during infection
2	31540	Fatemeh Nasiri Dashtaki	Investigation of the Immunosuppressive Effect of Canine Distemper Virus through the Evaluation of Co-infection with Bordetella bronchiseptica
3	31581	Mohammad Javad Yazdanpanah	Investigating the Immunosuppressive Effect of Canine Distemper Virus through the Evaluation of Co-infection with Canine Parainfluenza Virus Type-2
4	23074	Nastaran Rafiee	Investigation of IL-2 and IFN- $\gamma$ to EBV peptides in stimulated whole blood among multiple sclerosis patients and healthy individuals
5	30117	Maryam Hojatizadeh	Cross-reactivity of HBe antigen-specific polyclonal antibody with HBc antigen
6	30525	Amir Hossein Alipour	The frequency of IgG anti-varicella antibodies in female students at Shiraz University of Medical Sciences
7	31567	Parsa Amoozadeh	Investigating the causes of vaccination failure against Newcastle Disease and Avian Influenza in Semnan broiler flocks
8	30510	Amir Hossein Alipour	Investigation of the seroprevalence of anti-measles IgG antibody in students at Shiraz University of Medical Sciences
9	30512	Amir Hossein Alipour	The frequency of IgG anti-rubella antibody in female students of Shiraz University of Medical Sciences
10	25731	Shima Makaremi	The complexity and diversity of major histocompatibility complex (MHC) and specific associations in viral infection
11	32933	Amir Hosein Rafinejad	Frequency of Anti-Rubella IgG and IgM in Rubella Suspected Patients in Sari, during 2022-2023
12	24336	Aliakbar Hasankhani	Weighted gene co-expression network analysis reveals candidate modules and important hub-high traffic genes involved in human respiratory syncytial virus infection
13	30066	Saeede Soleimanian	An Update on Protective Effectiveness of Immune Responses After Recovery From COVID-19
14	24306	Samaneh Ramezani	HTLV, a multi organ oncovirus
15	35808	Arash Letafati	Association between human polyomavirus infection and brain cancer: A systematic review and meta-analysis
16	35806	Arash Letafati	Association between human herpesviruses and multiple sclerosis: A systematic review and meta-analysis