

Siamak Sandoghchian Shotorbani

D.V.M- Ph.D.

**Assistant Professor**

Department of Immunology  
Faculty of Medicine  
Tabriz University of Medical Sciences

CV since 2010 -2020



**Information:**

Name: **siamak sandoghchian shotorbani**

**Address:** Immunology Department , Faculty of Medicine, Tabriz University of Medical Sciences ,Tabriz, Iran

**Postal code:** 5173957616

**Mobile:**+98-914-2161-059

**Academic Email:** sandoghchians@tbzmed.ac.ir

**Main mail:** [siamak1331@gmail.com](mailto:siamak1331@gmail.com)

**Education**

---

2008 - 2012

Jiangsu University,China, Faculty of medicine , Ph.D.

Major: Medical Immunology

Advisor: Huaxi Xu, Ph.D. ([xuhx@ujs.edu.cn](mailto:xuhx@ujs.edu.cn))

**I was 28 years old to 32 years old**

2000 - 2007

Azad University,Tabriz Branch,Tabriz,Iran, Veterinary Faculty

Major: Doctor of Veterinary Medicine

Advisor: Ali Rezayi, D.V.M. Ph.D.

**I was 20 years old to 27 years old**

1998-2000

**I am study at home to be ready for university entrance examination (when I**

**Was 18 to 20 years old)**

1994-1998

Surush Self fund high school (I was study from 14 to 18 years old )

**Academic Employment**

---

2015 –present

**Assistant Professor**, Immunology Department,

Faculty of Medicine, Tabriz University of medical sciences  
(Teaching Immunology for Immunology Ph.D and master students **from I was 35 to present**)

2013-2015 Assistant Professor, Immunology Department,  
Faculty of Medicine, Tabriz Branch of Azad University

(Teaching Immunology for medical students and dentist students **when I was 32 to 35 years old**)

### H index

---

Google scholar H index: 17 Citations: 1258 Link:  
[https://scholar.google.com/citations?hl=en&user=Shlmt8IAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=Shlmt8IAAAAJ&view_op=list_works&sortby=pubdate)

Scopus H index: 14 citations: 800 link:  
<https://www.scopus.com/authid/detail.uri?authorId=36160509000>

### Honors and Awards

---

2018 **Superior technology Festival** Awarded by Tabriz Medical University, 17<sup>th</sup> Research Festival

2016 **Outstanding Teaching Award** Awarded by Tabriz Medical University, Department of Immunology.

### Patents

---

- 1- Type 1 collagen from chicken sternum Iran-.2018
- 2- Stomach catheter for measuring pH and Temperature Iran-.2018
- 3- Making trade universal kit for macrophage isolation Iran- 2017

### Publications and citations

---

ROW	Title	Journal	date	citation
1	<a href="#">miR-193a-5p as a promising therapeutic candidate in colorectal cancer by reducing 5-FU and Oxaliplatin chemoresistance by targeting CXCR4</a>	International Immunopharmacology 92, 107355	2021	0
2	<a href="#">The Relationship between Extracellular/intracellular microRNAs and TLRs May Be Used as a Diagnostic and Therapeutic Approach in Sepsis</a>	Immunological Investigations, 1-16	2020	0
3	<a href="#">Prognostic role and clinical significance of tumor-infiltrating lymphocyte (TIL) and programmed death ligand 1 (PD-L1) expression in triple-negative breast cancer (TNBC): a ...</a>	Diagnostics 10 (9), 704	2020	2
4	<a href="#">miR-143 acts as an inhibitor of migration and proliferation as well as an inducer of apoptosis in melanoma cancer cells in vitro</a>	IUBMB life 72 (9), 2034-2044	2020	0
5	<a href="#">Harmful effects of high amounts of glucose on the immune system: An updated review</a>	Biotechnology and applied biochemistry	2020	0
6	<a href="#">A new insight into thymosin <math>\beta</math>4, a promising therapeutic approach for neurodegenerative disorders</a>	Journal of cellular physiology 235 (4), 3270-3279	2020	2
7	<a href="#">A review on the use of microwire for induction of focal cerebral ischemia in rat</a>	Journal of Experimental and Clinical Neurosciences 7 (1)	2020	0
8	<a href="#">Heat shock proteins regulating toll-like receptors and the immune system could be a novel therapeutic target for melanoma</a>	Current molecular medicine	2020	1
9	<a href="#">E2 ubiquitin-conjugating enzymes in cancer: Implications for immunotherapeutic interventions</a>	Clinica Chimica Acta 498, 126-134	2019	6
10	<a href="#">Immune system and new avenues in Parkinson's disease research and treatment</a>	Reviews in the Neurosciences 30 (7), 709-727	2019	10
11	<a href="#">Cerebrolysin attenuates ethanol-induced spatial memory impairments through inhibition of hippocampal oxidative stress and apoptotic cell death in rats</a>	Alcohol 79, 127-135	2019	8
12	<a href="#">The induced decrease in TLR2 and TLR4 by cerebrolysin in the alcoholic liver of rats</a>	Journal of cellular physiology 234 (9), 16290-16294	2019	2
13	<a href="#">Effect of IL-36<math>\gamma</math> expression on chronic periodontitis with an increase in NF-KB signaling pathway</a>	Journal of Advanced Periodontology & Implant Dentistry 11 (1), 28-33	2019	0
14	<a href="#">IL-17 and IL-22 elicited by a DNA vaccine encoding ROP13 associated with protection against <i>Toxoplasma gondii</i> in BALB/c mice</a>	Journal of cellular physiology 234 (7), 10782-10788	2019	4
15	<a href="#">Metabolic syndrome mediates inflammatory and oxidative stress responses in patients with recurrent pregnancy loss</a>	Journal of reproductive immunology 133, 18-26	2019	2
16	<a href="#">The role of DEAD-box RNA helicase p68 (DDX5) in the development and treatment of breast cancer</a>	Journal of cellular physiology 234 (5), 5478-5487	2019	15
17	<a href="#">Transcranial near-infrared photobiomodulation attenuates memory impairment and hippocampal oxidative stress in sleep-deprived</a>	Brain research 1682, 36-43	2018	30

	<a href="#">mice</a>			
18	<a href="#">Micro RNA let-7b inhibits melanoma cell migration</a>	Adv Tissue Eng Regen Med Open Access 4 (4), 96-98	2018	0
19	<a href="#">Evaluation of the effect of IL-36<math>\gamma</math> expression on chronic periodontitis by enhancing the MAPK and TLR4 signaling pathways: A basic research</a>	Journal of dental research, dental clinics, dental prospects 12 (3), 159	2018	2
20	<a href="#">Association of Toll-like Receptors and High-mobility Group Proteins with MicroRNAs in Melanoma</a>	International Journal of Cancer Management 10 (12)	2017	0
21	<a href="#">Modafinil improves catalepsy in a rat 6-hydroxydopamine model of parkinson's disease; possible involvement of dopaminergic neurotransmission</a>	Advanced pharmaceutical bulletin 7 (3), 359	2017	4
22	<a href="#">The effects of gene therapy with granulocyte-macrophage colony-stimulating factor in the regression of tumor masses in fibrosarcoma mouse model</a>	Journal of cancer research and therapeutics 13 (2), 362	2017	2
23	<a href="#">Up-regulation of TLR2 and TLR4 in high mobility group Box1-stimulated macrophages in pulpitis patients</a>	Iranian journal of basic medical sciences 20 (2), 209	2017	5
24	<a href="#">INHIBIT THE GROWTH OF CERVICAL CANCER CELLS (HELA) BY SUPPRESSING HMGA2 GENE EXPRESSION WITH SIRNA SPECIFIC</a>		2017	0
25	<a href="#">The interplay of microRNAs and post-ischemic glutamate excitotoxicity: an emergent research field in stroke medicine</a>	Neurological Sciences 37 (11), 1765-1771	2016	20
26	<a href="#">Evaluation of HMGA2 gene suppression by specific siRNA and growth inhibition of esophageal cancer cells (TE8)</a>		2016	0
27	<a href="#">Activation of toll-like receptors 2 by high-mobility group box 1 in monocytes from patients with ischemic stroke</a>	Iranian biomedical journal 20 (4), 223	2016	7
28	<a href="#">A Visualized Guideline for Cancer Chemotherapy Induced Neuropathic Pain in Mice Using Cisplatin</a>	Journal of Experimental and Clinical Neurosciences 2 (1), 1-4	2015	1
29	<a href="#">RNA interference and its role in cancer therapy</a>	Advanced pharmaceutical bulletin 4 (4), 313	2014	168
30	<a href="#">Herbal medicine as inducers of apoptosis in cancer treatment</a>	Advanced pharmaceutical bulletin 4 (Suppl 1), 421	2014	293
31	<a href="#">Two small molecule lead compounds as new antifungal agents effective against Candida albicans and Saccharomyces cerevisiae</a>	Novelty in Biomedicine 2 (2), 47-52	2014	1
32	<a href="#">A method of experimental rheumatoid arthritis induction using collagen type II isolated from chicken sternal cartilage</a>	Molecular medicine reports 8 (1), 113-117	2013	7
33	<a href="#">HMGB1 Promotes the Differentiation of Th17 via Up-Regulating TLR2 and IL-23 of CD14<sup>+</sup> Monocytes from Patients with Rheumatoid Arthritis</a>	Scandinavian journal of immunology 76 (5), 483-490	2012	55
34	<a href="#">Enhanced HMGB1 expression may contribute to</a>	Clinical and	2012	60

	<a href="#">Th17 cells activation in rheumatoid arthritis</a>	Developmental Immunology 2012		
35	<a href="#">IL-17 contributes to cardiac fibrosis following experimental autoimmune myocarditis by a PKC<math>\beta</math>/Erk1/2/NF-<math>\kappa</math>B-dependent signaling pathway</a>	International immunology 24 (10), 605-612	2012	79
36	<a href="#">Changes and significance of IL-25 in chicken collagen II-induced experimental arthritis (CIA)</a>	Rheumatology international 32 (8), 2331-2338	2012	12
37	<a href="#">IL-4 effect on IL-17 in liver inflammation of rheumatoid arthritis: P 128</a>	American Journal of Reproductive Immunology 67, 120-121	2012	0
38	<a href="#">Increased frequency of Th17 cells in the peripheral blood of children infected with enterovirus 71</a>	Journal of medical virology 84 (5), 763-767	2012	28
39	<a href="#">Over-expression of Hlx homeobox gene in DC2. 4 dendritic cell enhances its maturation and antigen presentation</a>	Cellular immunology 275 (1-2), 61-68	2012	1
40	<a href="#">IL-4 effect on IL-17 in liver inflammation of rheumatoid arthritis</a>	Journal of Reproductive Immunology 1 (94), 100-101	2012	3
41	<a href="#">HMGB1 promotes the differentiation of Th17 via up-regulating TLR2 and IL-23 of CD14+ monocytes from patients with rheumatoid arthritis</a>	Journal of Reproductive Immunology 1 (94), 100	2012	0
42	<a href="#">IL-4 can inhibit IL-17 production in collagen induced arthritis</a>	Iranian Journal of Immunology 8 (4), 209-217	2011	4
43	<a href="#">HMGB1 blockade attenuates experimental autoimmune myocarditis and suppresses Th17-cell expansion</a>	European journal of immunology 41 (12), 3586-3595	2011	79
44	<a href="#">Toll-like receptors are potential therapeutic targets in rheumatoid arthritis</a>	World journal of biological chemistry 2 (7), 167	2011	26
45	<a href="#">Herbaspirillum species: a potential pathogenic bacteria isolated from acute lymphoblastic leukemia patient</a>	Current microbiology 62 (1), 331-333	2011	21
46	<a href="#"><math>\beta</math>-Lactamase gene and porin ompK36 gene in multi-resistant Klebsiella pneumoniae.</a>	Chinese Journal of Nosocomiology 20 (22), 3449-3451	2010	13
47	<a href="#">Drug resistance and transposon and insertion sequence of multi-drug resistant Acinetobacter baumannii.</a>	Chinese Journal of Nosocomiology 20 (20), 3085-3087	2010	50

### Grants and supervisors funds \_\_\_\_\_

hours	Type of Collaboration	title	Grant place	row
100 hours	Performing /supervisor	Evaluation of the effect of miR-143 replacement on inhibition of growth and migration of melanoma cell line	Tabriz Medical University Funds	1
100 hours	Performing /supervisor	The effect of anti-HMGB1 in inhibition by reducing the TLR4 pathway in a mouse model of	Tabriz Medical	2

		hemorrhagic stroke	University Funds	
100 hours	Performing /supervisor	Effect of HSP70 on HMGA1, HMGB1 in melanoma cell line (A-375)	Tabriz Medical University Funds	3
100 hours	Performing /supervisor	Inhibitory effect of HSP90 on the expression of TLR4, TLR2 by MAPK pathway in melanoma (A-375) and (C8161) cell lines	Tabriz Medical University Funds	4
100 hours	Performing /supervisor	Effect of HSP70 inhibition on TLR2, TLR4 by NF-KB pathway in cell lines (A-375), (C8161) Melanoma	Tabriz Medical University Funds	5
100 hours	Performing /supervisor	Effect of HSP90 inhibition on HMGA1, HMGB2 by MAPK, NF-KB pathway in melanoma cell line (A-375)	Tabriz Medical University Funds	6
100 hours	Performing /supervisor	Effect of let7i inhibition on melanoma cell line metastasis inhibition (A-375), (C8161)	Tabriz Medical University Funds	7
100 hours	Performing /supervisor	Investigation of the effect of HMGB1, HMGB2 on the expression of TLR2, TLR4, TLR9 on mononuclear cells of MS patients	Tabriz Medical University Funds	8
100 hours	Performing /supervisor	Evaluation of TLR2, TLR4, TLR9 expression with the effect of angiopoietin 4 proteins in mononuclear cells of MS patients	Tabriz Medical University Funds	9
100 hours	Performing /supervisor	Evaluation of the effect of thymosin beta 4 on the expression of TLR2, TLR4, TLR9 on monocytes of MS patients	Tabriz Medical University Funds	10
100 hours	Performing /supervisor	Determination of Survivin expression in patients with ankylosing spondylitis and its relationship with the survival of autoreactive T lymphocytes and microRNAs associated with this pathway following stimulation to enter the active stimulated cell death phase (AICD)	Tabriz Medical University Funds	11
100 hours	Performing /supervisor	Evaluation of HMGB1, HMGB2, HMGA1, HMGA2 gene expression in patients with acute form of SARS-COV-2 virus without underlying disease admitted to hospitals of Tabriz University of Medical Sciences	Tabriz Medical University Funds	12
100 hours	Performing /supervisor	Evaluation of inflammatory cytokines IL-6, IL-17, IL-1 and inhibitory cytokine IL-10 at the level of mRNA and Bcell lymphocyte cells in patients with lupus	Tabriz Medical University Funds	13
100 hours	Performing /supervisor	The effect of sericin on the expression of heat stress proteins 90 and 60 and TLR2, TLR4 in male	Tabriz Medical	14

		laboratory mice with heat stress	University Funds	
100 hours	Performing /supervisor	Evaluation of the effect of HSP70 inhibition on induction of apoptosis by polymeric nanocurcumin in A-375 cell line melanoma 100 hours ۶۷۰۳۲ ۱۶ Investigation of the effect of DAPT and XAV939 micromolecules in inhibiting NOTCH and WNT message pathways in melanoma	Tabriz Medical University Funds	15
100 hours	Performing /supervisor	Evaluation of TNF alpha and interferon gamma gene expression related to TH1, TH2 cells in lupus	Tabriz Medical University Funds	16
100 hours	Performing /supervisor	Evaluation of the effect of TFG-B on the expression of G-CSF, M-CSF genes in cell lines A-375 and C6181 in melanoma	Tabriz Medical University Funds	17
100 hours	Performing /supervisor	Evaluation of the effect of melatonin-treated RAW macrophage cells in A-375 melanoma cell line	Tabriz Medical University Funds	18
100 hours	Performing /supervisor	Comparison of TGFB, IL1 production in peripheral blood monocytes of patients with multiple sclerosis with healthy individuals	Tabriz Medical University Funds	19
200 hours	Performing /supervisor	Evaluation of the effect of TNF alpha on the expression of G-CSF, M-CSF in monocyte cells of MS patients	Tabriz Medical University Funds	20
200 hours	Performing /supervisor	Effect of valproic acid on the expression of TLR2, TLR4, TLR9 on monocytes of MS patients	Tabriz Medical University Funds	21
200 hours	Performing /supervisor	Study of the effectiveness of PD-L1 expression suppression on apoptosis in liver cancer	Tabriz Medical University Funds	22
200 hours	Co-worker	Investigation of the effect of PD-L1 silencing on growth and proliferation in kidney cancer	Tabriz Medical University Funds	23
200 hours	Co-worker	Evaluation of the combined effect of immunotherapy with dendritic cells pulsed with colorectal tumor lysate and CTLA-4 inhibitor on the response of partner T cells	Tabriz Medical University Funds	24
200 hours	Co-worker	Evaluation of the combined effect of immunotherapy with pulsed DCs with breast tumor lysate and CTLA-4 inhibitor on the response of partner T cells	Tabriz Medical University Funds	25
200 hours	Co-worker	Investigation of single nucleotide polymorphisms of TAP1 and TAP2 genes in patients with co-	Tabriz Medical	26

		occurring hydatidosis	University Funds	
200 hours	Co-worker	Evaluation of the combined effect of immunotherapy with pulsed DCs with breast tumor lysate and CTLA-4 inhibitor on the response of partner T cells	Tabriz Medical University Funds	27
200 hours	Co-worker	Effects of <i>Saccharomyces cerevisiae</i> , <i>Saccharomyces boulardii</i> yeast on proliferation and apoptosis of breast cancer cells (MDA-MB-231)	Tabriz Medical University Funds	28
200 hours	Co-worker	Evaluation of liposomal effect of voriconazole on growth, ergosterol biosynthesis and expression of ERG11, Cdr1p and Cdr2p genes in fluconazole resistant <i>Candida albicans</i> isolates using 200-h Real-time PCR technique	Tabriz Medical University Funds	29

### Reviewer \_\_\_\_\_

Item	Project or final report code	Project or final report title	Project area	Place of executing the project	Type of questionnaire	Date of reviewing	Reviewer's opinion
1	59935	The effect of sericin on anxiety, depressive-like behaviors, oxidative stress as well as apoptosis induced by chronic restraint stress in male mice	Project-Thesis	Neuroscience Research Center	Old Ethical Scientific Questionnaire	04/02/2018	Executable
2	60059	Evaluation of the frequency of B cell subcategories (Regulatory B cells, Memory B cells, IFN- $\gamma$ Producer B cells) and factors affecting B cell development in patients with recurrent implant failure	Project-Thesis	Faculty of Medicine	Old Ethical Scientific Questionnaire	21/03/2018	Executable
3	61517	Evaluation of the effect of the IVIg drug on the number, lethal activity and expression of genes of inhibitory receptors and activators of natural killer cells in patients with recurrent pregnancy loss due to immunological causes	Project-Thesis	Faculty of Medicine	Old Ethical Scientific Questionnaire	07/10/2018	Executable
4	61972	Determining the clinical effects of Treating chronic knee osteoarthritis with platelet lysis in comparison to autologous platelet-rich plasma	Project-Thesis	Physical medicine and rehabilitation research center	Old Reviewing Scientific Questionnaire	11/12/2018	Executable
5	61973	Evaluation of the effect of T cell-derived secretory vesicles in patients with senile osteoporosis on the function of stem cell-derived osteoclasts in comparison with Patients	Project-Thesis	Aging Research Institute	Old Reviewing Scientific Questionnaire	18/12/2018	Executable
6	61973	Evaluation of the effect of T cell-derived secretory vesicles in patients with senile osteoporosis on the function of stem cell-derived osteoclasts in comparison with Patients	Project-Thesis	Aging Research Institute	Old Reviewing Scientific Questionnaire	18/12/2018	Executable
7	61643	Studying the effect of hypoxia on proliferative and migratory functions of exosomes derived from metastatic prostate cancer cell line on HUVEC cells	Project-Thesis	Immunology Research Center	Old Ethical Scientific Questionnaire	25/12/2018	Executable
8	62013	The effect of nicotine amide mononucleotide and melatonin administration on learning and memory in pathologically induced aging in rats	Project-Thesis	Neuroscience Research Center	Laboratory Ethical Reviewing Questionnaire	31/12/2018	Executable



9	62013	The effect of nicotine amide mononucleotide and melatonin administration on learning and memory in pathologically induced aging in rats	Project- Thesis	Neuroscience Research Center	Old Ethical Scientific Questionnaire	31/12/2018	Executable
10	62150	Studying the effect of T cell-derived exosomes in patients with osteoporosis with gene expression profile and osteoblastic function in comparison with healthy individuals	Project- Thesis	Stem Cell Research Center	Old Reviewing Scientific Questionnaire	07/01/2019	Executable
11	62127	Production and characterization of scFv fragments against tao trans protein form in Alzheimer's patients	Project- Thesis	Stem Cell Research Center	Old Reviewing Scientific Questionnaire	07/01/2019	Executable
12	62404	Comparison of Th2/Th1 cytokine profile and change in clinical status of patients with multiple sclerosis treated with Rituximab and Natalizumab	Project- Thesis	Innovation office of Imam Reza Hospital	Old Reviewing Scientific Questionnaire	19/01/2019	Executable if Amended
13	62727	Evaluation of the effects of oral nanocurcumin on disease activity, RNA micro-expression and factors affecting Th17 cell development and IL-17 serum levels in patients with Behcet's disease	Project- Thesis	Faculty of Medicine	Old Ethical Scientific Questionnaire	03/03/2019	Executable
14	62404	Comparison of Th2/Th1 cytokine profile and change in clinical status of patients with multiple sclerosis treated with Rituximab and Natalizumab	Project- Thesis	Innovation office of Imam Reza Hospital	Re-reviewing	12/03/2019	Executable
15	63023	The effect of exosomes derived from acellular Varaton gel on the function of regulatory cells in patients with multiple sclerosis	Project- Thesis	Student Research Committee	Old Ethical Scientific Questionnaire	05/05/2019	Executable
16	63056	Evaluation of the molecular effect of sperm separation using magnetic nanoparticles on the amount and level of expression of apoptotic RNA Micros in patients with oligospermia	Project- Thesis	Stem Cell Research Center	Old Reviewing Scientific Questionnaire	05/05/2019	Executable
17	63087	Evaluation of expression levels of genes involved in the production of reactive oxygen species in sperm samples before and after separation using MACS magnetic nanoparticles	Project- Thesis	Stem Cell Research Center	Old Reviewing Scientific Questionnaire	05/05/2019	Executable
18	63138	Determining the clinical effects of autologous serum treatment on knee osteoarthritis	Project- Thesis	Stem Cell Research Center	Old Reviewing Scientific Questionnaire	05/05/2019	Executable
19	62510	Evaluation of the effect of paracrine fibroblasts on the expression of hormone receptors in A and B luminal subgroups	Project- Thesis	Immunology Research Center	Old Ethical Scientific Questionnaire	08/06/2019	Executable
20	62914	Review existing treatment protocols for diffuse infection following BCG vaccination: Systematic Study	Project- Thesis	Aging Research Institute	Meta- Analysis & Systematic Reviewing Questionnaire	19/06/2019	Executable
21	63757	Evaluation of the effect of plant exosomes loaded with fiestin on acute lymphoblastic leukemia cell line (T-ALL MOLT-4)	Project- Thesis	Faculty of Medicine	Old Reviewing Scientific Questionnaire	02/10/2019	Executable
22	62926	The effect of processed autologous serum on eye condition in patients with Sjogren's Syndrome	Project- Thesis	Stem Cell Research Center	Reviewing Scientific Questionnaire	18/11/2019	Executable
23	64496	Evaluation of the effect of cirolimus and cyclosporine nanoparticles on T lymphocyte activity in patients with recurrent pregnancy loss compared with healthy individuals	Research Grant	Stem Cell Research Center	Reviewing Scientific Questionnaire	30/11/2019	Executable
24	64405	Evaluation of the level of immune system checkpoint factors in membrane nephropathy	Project- Thesis	Student Research	Reviewing Scientific	03/12/2019	Executable

				Committee	Questionnaire		
25	64324	Evaluation of the relationship between parathyroid hormone levels and the number of immune inhibitor checkpoints in hemodialysis patients	Project- Thesis	Kidney Research Center	Reviewing Scientific Questionnaire	04/12/2019	Executable
26	64553	Evaluation of the therapeutic effect of umbilical cord mesenchymal stem cells on endometrial thickness and fertility in a thin endometrial rat model	Project- Thesis	Stem Cell Research Center	Reviewing Scientific Questionnaire	04/12/2019	Executable
27	64709	Evaluation of the relationship between IgG serum levels and pain intensity in patients with oral erosive lichen planus	Project- Thesis	Faculty of Medicine	Ethical Scientific Questionnaire	02/02/2020	Executable
28	65106	Evaluation of CD73, CD39, HIF-1 $\alpha$ marker expression in women with preeclampsia compared with healthy pregnant women	Project- Thesis	Stem Cell Research Center	Reviewing Scientific Questionnaire	01/03/2020	Executable
29	65108	The effect of roxolutinib and cyclophosphamide on lymphocyte inhibition and pathogenesis of membrane glomerulonephritis in rat model	Project- Thesis	Stem Cell Research Center	Reviewing Scientific Questionnaire	01/03/2020	Executable
30	65109	The effect of Rituximab on T & B lymphocyte cell population as well as cytokine and chemokine expression in stroke patients	Project- Thesis	Stem Cell Research Center	Reviewing Scientific Questionnaire	06/04/2020	Executable
31	65373	Evaluation of TLR8, TLR7, TLR3, TLR9 gene expression in patients with acute form of SARS-COV-2 virus without underlying disease admitted to hospitals of Tabriz University of Medical Sciences	Project- Thesis	Stem Cell Research Center	Reviewing Scientific Questionnaire	25/04/2020	Executable
32	65934	The effect of umbilical cord blood mesenchymal stem cell transplantation on the number and morphology of ovarian follicles as well as inflammatory profile in POF mouse model	Project- Thesis	Faculty of Medicine	Reviewing Scientific Questionnaire	14/09/2020	Executable
33	66348	Evaluation of therapeutic effects of autologous serum in wound healing in an animal model	Project- Thesis	Stem Cell Research Center	Reviewing Scientific Questionnaire	07/11/2020	Executable
34	66399	Preparation of collagen scaffolds for transfer of embryonic umbilical cord stem cells to endometrial environment and evaluation of its efficiency in endometrial tissue repair in mouse samples	Project- Thesis	Stem Cell Research Center	Reviewing Scientific Questionnaire	26/12/2020	Executable
35	66425	Evaluation of the effects of hyssop plant extract on the immune system of healthy individuals	Project- Thesis	Stem Cell Research Center	Reviewing Scientific Questionnaire	26/12/2020	Executable if Amended
36	66425	Evaluation of the effects of hyssop plant extract on the immune system of healthy individuals	Project- Thesis	Stem Cell Research Center	Re-reviewing	25/01/2021	Executable

#### Reviewing Progress Reports (Requests of Researchers)

Item	Tracking Code	Project Title	Request Title	Date of sending to reviewer	Date of response	Opinion of reviewer
1	62571	Evaluation of the role of GABA-A receptors in the antidepressant and anxiety effects of borage extract in stress model of mice	Paper	17/08/2020	17/08/2020	Verified
2	62571	Evaluation of the role of GABA-A receptors in the antidepressant and anxiety effects of borage extract in stress model of mice	Paper	19/08/2020	22/08/2020	Verified
3	62571	Evaluation of the role of GABA-A receptors in the antidepressant and anxiety effects of borage extract in stress model of mice	Paper	23/08/2020	24/08/2020	Verified
4	62571	Evaluation of the role of GABA-A receptors in the antidepressant and anxiety effects of borage extract in stress model of mice	Paper	25/08/2020	25/08/2020	Verified

5	63351	Study of the interactions of amyloid building, Tao protein and cholinergic system in Alzheimer's disease process	Submitting final report + paper	20/10/2020	07/11/2020	Verified
---	-------	--	---------------------------------	------------	------------	----------

Interests:

Play Tennis. Football