



## ناصر اقدمی

دانشیار

محل خدمت: پژوهشگاه علوم سلولی (رویان)

سوابق تحصیلی			
مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
دکترای تخصصی	۱۳۸۶	ایمنی شناسی	دانشگاه تربیت مدرس
پزشک عمومی	۱۹۹۸	پزشک عمومی	دانشگاه علوم پزشکی ارومیه

اطلاعات استخدامی				
محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
پژوهشگاه رویان	عضو هیات علمی	رسمی قطعی	تمام وقت	

## سوابق اجرایی

مدیر گروه پژوهشی سلول درمانی پژوهشگاه رویان

ویرایشگر سه کتاب در زمینه ی سلول های بنیادی و احیاءکننده در زمینه ی پزشکی

## مقالات در همایش ها

۱. انوشه تاج شرقی، عیسی جرجانی، ناصر اقدمی، سهراب بوذریور، بررسی بیان ژن اینترلوکین ۱۰ و اینترلوکین ۱۷ در بیماران ایرانی پسوریازیس، اولین کنفرانس بین المللی یافته های نوین علوم و تکنولوژی، ۱۳۹۴.
۲. انوشه تاج شرقی، عیسی جرجانی، ناصر اقدمی، سهراب بوذریور، بررسی بیان ژن TNF- $\alpha$  و IFN- $\gamma$  در بیماران ایرانی پسوریازیس، اولین کنفرانس بین المللی یافته های نوین علوم و تکنولوژی، ۱۳۹۴.

## مقالات در نشریات

1. Zafarghandi, M.R., Ravari, H., Aghdami, N., (...), Moini, M., Baharvand, H. Safety and efficacy of granulocyte colony-stimulating factor administration following autologous intramuscular implantation of bone marrow mononuclear cells: A randomized controlled trial in patients with advanced lower limb ischemia. *Cytotherapy*, 2010.
2. Khodayari, H., Khodayari, S., Rezaee, M., (...), Mahmoodzadeh, H., Pahlavan, S., Promotion of cardiac microtissue assembly within G-CSF-enriched collagen I-cardiogel hybrid hydrogel, *Regenerative Biomaterials*, 2024.
3. Shahbazi, A., Abedi Valugerdi, M., Kazemi, S., (...), Aghdami, N., Sadeghi, B., Safety and Efficacy of Autologous Melanocyte/Keratinocyte Transplantation in Patients with Refractory Stable Vitis, *Dermatology*, 2023.

- Shahbazi, A., Abedi Valugardi, M., Kazemi, S., (...), Aghdami, N., Sadeghi, B., Safety and Efficacy of Autologous Melanocyte/Keratinocyte Transplantation in Patients with Refractory Stable Vitis. *Dermatology*, 2023 .4
- Nabavi, S.M., Karimi, S., Arab, L., (...), Hosseini, S.E., Vosough, M., Intravenous transplantation of bone marrow-derived mesenchymal stromal cells in patients with multiple sclerosis, a phase I/IIa, double blind, randomized controlled study. *Multiple Sclerosis and Related Disorders*, 2023 .5
- Jalili, A., Hajifathali, A., Aghdami, N., Sayahinouri, M., The golden doses of anti CD3/CD28 microbeads plus IL-15 promote expansion of specific T cells in human cytomegalovirus adaptive immunotherapy. *Health Biotechnology and Biopharm*, 2023 .6
- Jalili, A., Hajifathali, A., Mohammadian, M., (...), Roshandel, E., Aghdami, N., Virus-Specific T Cells: Promising Adoptive T Cell Therapy Against Infectious Diseases Following Hematopoietic Stem Cell Transplantation. *Advanced Pharmaceutical Bulletin*, 2023 .7
- Bajouri, A., Dayani, D., Taj Sharghi, A., (...), Shafiyani, S., Vosough, M., Subcutaneous Injection of Allogeneic Adipose-Derived Mesenchymal Stromal Cells in Psoriasis Plaques: Clinical Trial Phase I. *Cell Journal*, 2023 .8
- Mohraz, M., Salehi, M., Khorshid, H.R.K., (...), Pashaei, Z., Alinaghi, S.A.S., Safety and Effectiveness of Septimeb™ in Patients with COVID-19 Referred to a Teaching and Referral Hospital: An Uncontrolled Clinical Trial Study (Phase II). *Journal of Iranian Medical Council*, 2023 .9
- Salehi, M., Rezazade, Moayed, F., Khalili, H., (...), Hajiabdolbaghi, M., Fattah, Ghazi, S., Safety of megadose meropenem in the empirical treatment of nosocomial sepsis: a pilot randomized clinical trial. *Future Microbiology*, 2023 .10
- Sayahinouri, M., Firouz, S.M., Sadrabadi, A.E., (...), Jalili, A., Aghdami, N., Functionality of immune cells in COVID-19 infection: development of cell-based therapeutics. *BiolImpacts*, 2023 .11
- Kabiri, F., Medlej, A., Saleh, A.J., (...), Khani, M., Soltani, B.M., *BiolImpacts*, Cancer Treatment and Research Communications, 2023 .12
- Vosough, M., Nikfam, S., Torabi, S., (...), Baharvand, H., Mohamadnejad, M., Original Article. *Cell Journal*, 2022 .13
- Dashtkoohi, M., Semnani, F., Aghdami, N., (...), Ghiasvand, F., Moghadam, P.A., Idiopathic methicillin-susceptible *Staphylococcus aureus* associated tricuspid valve endocarditis and pneumothorax in a patient without apparent predisposing factor: a case report. *Iranian Journal of Microbiology*, 2022 .14
- Dashtkoohi, M., Semnani, F., Aghdami, N., (...), Ghiasvand, F., Moghadam, P.A., Idiopathic methicillin-susceptible *Staphylococcus aureus* associated tricuspid valve endocarditis and pneumothorax in a patient without apparent predisposing factor: a case report. *Iranian Journal of Microbiology*, 2022 .15
- Dashtkoohi, M., Semnani, F., Aghdami, N., (...), Ghiasvand, F., Moghadam, P.A., Idiopathic methicillin-susceptible *Staphylococcus aureus* associated tricuspid valve endocarditis and pneumothorax in a patient without apparent predisposing factor: a case report. *Iranian Journal of Microbiology*, 2022 .16
- Dashtkoohi, M., Semnani, F., Aghdami, N., (...), Ghiasvand, F., Moghadam, P.A., Idiopathic methicillin-susceptible *Staphylococcus aureus* associated tricuspid valve endocarditis and pneumothorax in a patient without apparent predisposing factor: a case report. *Iranian Journal of Microbiology*, 2022 .17
- Ghazizadeh, Z., Rassouli, H., Fonoudi, H., (...), Aghdami, N., Salekdeh, G.H., Retraction Note to: Transient Activation of Reprogramming Transcription Factors Using Protein Transduction Facilitates Conversion of Human Fibroblasts Toward Cardiomyocyte-Like Cells (*Molecular Biotechnology*, (2017), 59, (207-220), 10.1007/s12033-017-000, *Molecular Biotechnology*, 2022 .18
- Ghazizadeh, Z., Rassouli, H., Fonoudi, H., (...), Aghdami, N., Salekdeh, G.H., Retraction Note to: Transient Activation of Reprogramming Transcription Factors Using Protein Transduction Facilitates Conversion of Human Fibroblasts Toward Cardiomyocyte-Like Cells (*Molecular*

.Biotechnology, (2017), 59, (207-220), 10.1007/s12033-017-000,Molecular Biotechnology,2022

Hashemian, S. ,& M.R., Aliannejad, R., Zarrabi, M., (...), Vasei, M., Baharvand, H.,Mesenchymal .20  
stem cells derived from perinatal tissues for treatment of critically ill COVID-19-induced ARDS  
.patients: a case series,Stem Cell Research and Therapy,2021

Hashemian, S. ,& M.R., Aliannejad, R., Zarrabi, M., (...), Vasei, M., Baharvand, H.,Mesenchymal .21  
stem cells derived from perinatal tissues for treatment of critically ill COVID-19-induced ARDS  
.patients: a case series,Stem Cell Research and Therapy,2021

Mashayekhi, M., Mirzadeh, E., Chekini, Z., (...), Madani, T., Aghdami, N.,Evaluation of safety, .22  
feasibility and efficacy of intra-ovarian transplantation of autologous adipose derived  
mesenchymal stromal cells in idiopathic premature ovarian failure patients: non-randomized  
.clinical trial, phase I, first in human,Journal of Ovarian Research,2021

Nabavi, S.M., Karimi, S., Arab, L., (...), Aghdami, N., Vosough, M.,Safety and Efficacy of .23  
Allogeneic Adipose Tissue Mesenchymal Stromal Cells in Amyotrophic Lateral Sclerosis  
Patients, Single-Center, Prospective, Open-Label, Single-Arm Clinical Trial, Long-Term Follow-  
.up,Cell Journal,2021

Farzaneh, Z., Pournasr, B., Ebrahimi, M., Aghdami, N., Baharvand, H.,Correction to: Enhanced .24  
functions of human embryonic stem cell-derived hepatocyte-like cells on three-dimensional  
nanofibrillar surfaces (Stem Cell Reviews and Reports, (2010), 6, 4, (601-610),  
.10.1007/s12015-010-9179-5),Stem Cell Reviews and Reports,2021

Sadeghi, B., Roshandel, E., Pirsalehi, A., (...), Ringden, O., Hajifathali, A.,Conquering the .25  
cytokine storm in COVID-19-induced ARDS using placenta-derived decidual stromal cells,Journal  
.of Cellular and Molecular Medicine,2021

Nilforoushzadeh, M.A., Aghdami, N., Taghiabadi, E.,Effects of adipose-derived stem cells and .26  
.platelet-rich plasma exosomes on the inductivity of hair dermal papilla cells,Cell Journal,,2021

Gholami, S., Mazidi, Z., Pahlavan, S., (...), Aghdami, N., Baharvand, H.,A novel insight into .27  
endothelial and cardiac cells phenotype in systemic sclerosis using patient-derived induced  
.pluripotent stem cell,Cell Journal,2021

Ghodsizadeh, A., Taei, A., Totonchi, M., (...), Salekdeh, G.H., Baharvand, H.,Correction to: .28  
Generation of Liver Disease-Specific Induced Pluripotent Stem Cells along with Efficient  
Differentiation to Functional Hepatocyte-like Cells (Stem Cell Reviews and Reports, (2010), 6, 4,  
(622-632), 10.1007/s12015-010-9189-3),Stem Cell Reviews and Reports,2021

Ahmadi, A., Moghadasali, R., Ezzatizadeh, V., (...), Baharvand, H., Aghdami, N.,Retraction .29  
Note: Transplantation of Mouse Induced Pluripotent Stem Cell-Derived Podocytes in a Mouse  
.Model of Membranous Nephropathy Attenuates Proteinuria,Scientific reports,2021

Ehsani, E., Shekarchian, S., Baharvand, H., Aghdami, N., Moghadasali, R.,Corrigendum to .30  
"Improved differentiation of human enriched CD133+CD24+ renal progenitor cells derived from  
embryonic stem cell with embryonic mouse kidney-derived mesenchymal stem cells co-  
.culture",Differentiation,2021

Khoshdel ,& Rad, N., Zahmatkesh, E., Moeinvaziri, F., (...), Aghdami, N., Moghadasali, .31  
R.,Promoting Maturation of Human Pluripotent Stem Cell-Derived Renal Microtissue by  
.Incorporation of Endothelial and Mesenchymal Cells,Stem Cells and Development,2021

Sotoodehnejadnematlahi, F., Moghadasali, R., Hajinasrollah, M., (...), Baharvand, H., .32  
Aghdami, N.,Immunomodulatory activity of human bone marrow and adipose-derived  
mesenchymal stem cells prolongs allogeneic skin graft survival in nonhuman primates,Cell  
.Journal,2021

Shams, Z., Akbari, B., Rajabi, S., Aghdami, N.,Bioinspired device improves the cardiogenic .33  
.potential of cardiac progenitor cells,Cell Journal,,2021

Samani, F.S., Ebrahimi, M., Zandieh, T., (...), Aghdami, N., Baharvand, H.,Erratum: In vitro .34  
differentiation of human umbilical cord blood CD133+ cells into insulin producing cells in co-  
culture with rat pancreatic mesenchymal stem cells (Cell Journal (2015) 17:2 (211-220) DOI:

- .10.22074/cellj.2016.3717),Cell Journal,2021
- Ghazizadeh, Z., Fattahi, F., Mirzaei, M., (...), Lee, B., Salekdeh, G.H.,Erratum: Prospective .35  
Isolation of ISL1+ Cardiac Progenitors from Human ESCs for Myocardial Infarction Therapy  
(Stem Cell Reports (2018) 10(3) (848-859), (S2213671118300638),  
(10.1016/j.stemcr.2018.01.037,Stem Cell Reports,2021
- Ranjbarvaziri, S., Kiani, S., Akhlaghi, A., (...), Baharvand, H., Aghdami, N.,Corrigendum to .36  
"Quantum dot labeling using positive charged peptides in human hematopoietic and  
mesenchymal stem cells" [Biomaterials 32 (2011) 5195-5205] (Biomaterials (2011) 32(22)  
(5195-5205), (S0142961211003863)),Biomaterials,2021
- Mohammadi, P., Nilforoushzadeh, M.A., Youssef, K.K., (...), Baharvand, H., Aghdami, .37  
N.,Defining microRNA signatures of hair follicular stem and progenitor cells in healthy and  
.androgenic alopecia patients,Journal of Dermatological Science,2021
- Ghasemi, M., Bajouri, A., Shafiiyan, S., Aghdami, N,Hair Follicle as a Source of Pigment- .38  
Producing Cells for Treatment of Vitiligo: An Alternative to Epidermis,Tissue Engineering and  
.Regenerative Medicine,2020
- Ghasemi, M., Bajouri, A., Shafiiyan, S., Aghdami, N.,Hair Follicle as a Source of Pigment- .39  
Producing Cells for Treatment of Vitiligo: An Alternative to Epidermis?,Tissue Engineering and  
.Regenerative Medicine,,2020
- Taghiabadi, E., Nilforoushzadeh, M.A., Aghdami, N,Maintaining Hair Inductivity in Human .40  
.Dermal Papilla Cells: A Review of Effective Methods,Skin Pharmacology and Physiology,2020
- Rajabi, S., Aghdami, N., Varzideh, F., Parchehbaf ,& Kashani, M., Nobakht Lahrood, .41  
F.,Decellularized muscle-derived hydrogels support in vitro cardiac microtissue  
.fabrication,Journal of Biomedical Materials Research - Part B Applied Biomaterials,2020
- Nilforoushzadeh, M.A., Aghdami, N., Taghiabadi, E,Human Hair Outer Root Sheath Cells and .42  
Platelet-Lysis Exosomes Promote Hair Inductivity of Dermal Papilla Cell,Tissue Engineering and  
.Regenerative Medicine,2020
- Khoshdel Rad, N., Aghdami, N., Moghadasali, R,Cellular and Molecular Mechanisms of Kidney .43  
Development: From the Embryo to the Kidney Organoid,Frontiers in Cell and Developmental  
.Biology,2020
- Hosseini Salekdeh, S.S., Daemi, H., Zare ,& Gachi, M., (...), Nourbakhsh, M.S., Baharvand, .44  
H.,Assessment of the Efficacy of Tributylammonium Alginate Surface-Modified Polyurethane as  
an Antibacterial Elastomeric Wound Dressing for both Noninfected and Infected Full-Thickness  
.Wounds,ACS Applied Materials and Interfaces,2020
- Bajouri, A., Orouji, Z., Taghiabadi, E., (...), Shafieyan, S., Aghdami, N.,Long-term follow-up of .45  
autologous fibroblast transplantation for facial contour deformities, a non-randomized phase IIa  
.clinical trial,Cell Journal,2020
- Vahdat, S., Pahlavan, S., Mahmoudi, E., (...), Aghdami, N., Baharvand, H.,Expansion of Human .46  
Pluripotent Stem Cell-derived Early Cardiovascular Progenitor Cells by a Cocktail of Signaling  
.Factors,Scientific Reports,2019
- Ahmadi, A., Moghadasali, R., Ezzatizadeh, V., (...), Baharvand, H., Aghdami, N.,Transplantation .47  
of Mouse Induced Pluripotent Stem Cell-Derived Podocytes in a Mouse Model of Membranous  
.Nephropathy Attenuates Proteinuria,Scientific Reports,2019
- Alizadeh, S., Seyedalipour, B., Shafieyan, S., (...), Mohammadi, P., Aghdami, N.,Copper .48  
nanoparticles promote rapid wound healing in acute full thickness defect via acceleration of skin  
cell migration, proliferation, and neovascularization,Biochemical and Biophysical Research  
.Communications,2019
- Ehsani, E., Shekarchian, S., Baharvand, H., Aghdami, N., Moghadasali, R.,Improved .49  
differentiation of human enriched CD133+CD24+ renal progenitor cells derived from embryonic  
stem cell with embryonic mouse kidney-derived mesenchymal stem cells co-  
.culture,Differentiation,2019

- Sharifiaghdas, F., Zohrabi, F., Moghadasali, R., (...), Baharvand, H., Aghdami, N., Autologous .50  
Muscle-Derived Cell Injection For Treatment Of Female Stress Urinary Incontinence: A Single-Arm  
.Clinical Trial With 24-Months Follow-Up, Urology Journal, 2019
- Mansoori, & Moghadam, Z., Totonchi, M., Hesarakhi, M., (...), Baharvand, H., Moghadasali, .51  
R., Programming of ES cells and reprogramming of fibroblasts into renal lineage-like  
.cells, Experimental Cell Research, 2019
- Momeni, M., Fallah, N., Bajouri, A., (...), Aghdami, N., Fatemi, M.J., A randomized, double-blind, .52  
phase I clinical trial of fetal cell-based skin substitutes on healing of donor sites in burn  
.patients, Burns, 2019
- Shabani, P., Ghazizadeh, Z., Gorgani, & Firuzjaee, S., (...), Aghdami, N., Baharvand, .53  
H., Cardioprotective effects of omega-3 fatty acids and ascorbic acid improve regenerative  
.capacity of embryonic stem cell-derived cardiac lineage cells, BioFactors, 2019
- Uccelli, A., Laroni, A., Brundin, L., (...), Marrie, R.A., Karimi, S., Mesenchymal StEm cells for .54  
Multiple Sclerosis (MESEMS): A randomized, double blind, cross-over phase I/II clinical trial with  
.autologous mesenchymal stem cells for the therapy of multiple sclerosis, Trials, 2019
- Varzideh, F., Pahlavan, S., Ansari, H., (...), Braun, T., Baharvand, H., Human cardiomyocytes .55  
undergo enhanced maturation in embryonic stem cell-derived organoid  
.transplants, Biomaterials, 2019
- Gorabi, A.M., Hajighasemi, S., Tafti, H.A., (...), Panahi, Y., Sahebkar, A., TBX18 transcription .56  
factor overexpression in human-induced pluripotent stem cells increases their differentiation into  
.pacemaker-like cells, Journal of Cellular Physiology, 2019
- EMADEDIN, M., KARIMI, S., KARIMI, A., (...), BAHARVAND, H., AGHDAMI, N., Autologous bone .57  
marrow-derived CD133 cells with core decompression as a novel treatment method for femoral  
.head osteonecrosis: a pilot study, Cytotherapy, 2019
- Nabavi, S.M., Arab, L., Jarooghi, N., (...), Hosseini, S.E., Aghdami, N., Safety, feasibility of .58  
intravenous and intrathecal injection of autologous bone marrow derived mesenchymal stromal  
cells in patients with amyotrophic lateral sclerosis: An open label phase I clinical trial, Cell  
.Journal, 2019
- Akbari, M., Moghadam, R.S., Elmi, R., (...), Taghiabadi, E., Aghdami, N., Topical tacrolimus as .59  
an adjunct to conventional therapy for stromal herpetic keratitis: A randomized clinical  
.trial, Journal of Ophthalmic and Vision Research, 2019
- Alatab, S., Shekarchian, S., Najafi, I., (...), Pourmand, G., Aghdami, N., Systemic infusion of .60  
autologous adipose tissue-derived mesenchymal stem cells in peritoneal dialysis patients:  
.Feasibility and safety, Cell Journal, 2019
- Vahdat, S., Pahlavan, S., Aghdami, N., Bakhshandeh, B., Baharvand, H., Establishment of a .61  
protocol for in vitro culture of cardiogenic mesodermal cells derived from human embryonic  
.stem cells, Cell Journal, 2019
- Taghiabadi, E., Beiki, B., Aghdami, N., Bajouri, A., Cultivation of adipose-derived stromal cells .62  
on intact amniotic membrane-based scaffold for skin tissue engineering, Methods in Molecular  
.Biology, 2019
- Taghiabadi, E., Beiki, B., Aghdami, N., Bajouri, A., Amniotic membrane seeded fetal fibroblasts .63  
.as skin substitute for wound regeneration, Methods in Molecular Biology, 2019
- Mardpour, S., Hassani, S., & N., Mardpour, S., (...), Hamidieh, A.A., Baharvand, H., Extracellular .64  
vesicles derived from human embryonic stem cell-MSCs ameliorate cirrhosis in thioacetamide-  
.induced chronic liver injury, Journal of Cellular Physiology, 2018
- Alizadeh, S., Aghdami, N., Seyedalipour, B., Mohammadi, P., Investigation the effect of copper .65  
nanoparticles on the toxicity and migration of keratinocyte cells, Tehran University Medical  
.Journal, 2018
- EMADEDIN, M., LABIBZADEH, N., LIASTANI, M.G., (...), BAHARVAND, H., AGHDAMI, N., Intra- .66  
articular implantation of autologous bone marrow-derived mesenchymal stromal cells to treat

- knee osteoarthritis: a randomized, triple-blind, placebo-controlled phase 1/2 clinical .tria,Cytotherapy,2018
- Namazi, H., Mohit, E., Namazi, I., (...), Aghdami, N., Baharvand, H.,Exosomes secreted by .67  
hypoxic cardiosphere-derived cells enhance tube formation and increase pro-angiogenic  
.miRNA,Journal of Cellular Biochemistry,2018
- Makhlough, A., Shekarchian, S., Moghadasali, R., (...), Baharvand, H., Aghdami, N.,Title: Bone .68  
marrow-mesenchymal stromal cell infusion in patients with chronic kidney disease: A safety  
.study with 18 months of follow-up,Cytotherapy,2018
- Shadmanfar, S., Labibzadeh, N., Emadedin, M., (...), Gharibdoost, F., Aghdami, N.,Intra- .69  
articular knee implantation of autologous bone marrow-derived mesenchymal stromal cells in  
rheumatoid arthritis patients with knee involvement: Results of a randomized, triple-blind,  
.placebo-controlled phase 1/2 clinical trial,Cytotherapy,2018
- Namiri, M., Kazemi Ashtiani, M., Abbasalizadeh, S., (...), Aghdami, N., Baharvand, .70  
H.,Improving the biological function of decellularized heart valves through integration of protein  
tethering and three-dimensional cell seeding in a bioreactor,Journal of Tissue Engineering and  
.Regenerative Medicine,2018
- Ghazizadeh, Z., Fattahi, F., Mirzaei, M., (...), Lee, B., Salekdeh, G.H.,Prospective Isolation of .71  
ISL1+ Cardiac Progenitors from Human ESCs for Myocardial Infarction Therapy,Stem Cell  
.Reports,2018
- Taghiyar, L., Hosseini, S., Hesaraki, M., (...), Aghdami, N., Eslaminejad, M.B.,Isolation, .72  
characterization and osteogenic potential of mouse digit tip blastema cells in comparison with  
.bone marrow-derived mesenchymal stem cells in vitro,Cell Journal,2018
- Rajabi, S., Pahlavan, S., Ashtiani, M.K., (...), Braun, T., Baharvand, H.,Human embryonic stem .73  
cell-derived cardiovascular progenitor cells efficiently colonize in bFGF-tethered natural matrix to  
.construct contracting humanized rat hearts,Biomaterials,2018
- Orouji, Z., Bajouri, A., Ghasemi, M., (...), Shafieyan, S., Aghdami, N.,A single-arm open-label .74  
clinical trial of autologous epidermal cell transplantation for stable vitiligo: A 30-month follow-  
.up,Journal of Dermatological Science,2018
- Ghiasi, P., Hosseinkhani, S., Ansari, H., (...), Pahlavan, S., Baharvand, H.,Reversible .75  
permeabilization of the mitochondrial membrane promotes human cardiomyocyte differentiation  
.from embryonic stem cells,Journal of Cellular Physiology,2018
- Namazi, H., Namazi, I., Ghiasi, P., (...), Aghdami, N., Mohit, E.,Exosomes secreted by .76  
normoxic and hypoxic cardiosphere-derived cells have anti-apoptotic effec,Iranian Journal of  
.Pharmaceutical Research,2018
- Naseri, M.H., Madani, H., Tafti, S.H.A., (...), Baharvand, H., Aghdami, N.,COMPARE CPM-RMI .77  
Trial: Intramyocardial transplantation of autologous bone marrow-derived CD133+ Cells and  
MNCs during CABG in patients with recent MI: A Phase II/III, multicenter, placebo-controlled,  
.randomized, double-blind clinical trial,Cell Journal,2018
- Ranjzad, F., Aghdami, N., Tara, A., (...), Moghadasali, R., Basiri, A.,Identification of three novel .78  
frameshift mutations in the PKD1 gene in iranian families with autosomal dominant polycystic  
kidney disease using efficient targeted next-generation sequencing,Kidney and Blood Pressure  
.Research,2018
- Naseri, M.H., Madani, H., Tafti, S.H.A., (...), Baharvand, H., Aghdami, N.,Erratum: COMPARE .79  
CPM-RMI trial: Intramyocardial transplantation of autologous bone marrow-derived CD133+ cells  
and MNCs during CABG in patients with recent MI: A phase II/III, multicenter, placebo-controlled,  
.randomized, double-blind clinical trial. (Cel,Cell Journal,2018
- Naseri, M.H., Madani, H., Tafti, S.H.A., (...), Baharvand, H., Aghdami, N.,Erratum: COMPARE .80  
CPM-RMI trial: Intramyocardial transplantation of autologous bone marrow-derived CD133+ cells  
and MNCs during CABG in patients with recent MI: A phase II/III, multicenter, placebo-controlled,  
.randomized, double-blind clinical trial. (Cel,Cell Journal,2018

- Motamed, S., Taghiabadi, E., Molaei, H., (...), Aghdami, N., Bajouri, A., Cell-based skin .81 substitutes accelerate regeneration of extensive burn wounds in rats, *American Journal of Surgery*, 2017
- Baradaran ,& Rafii, A., Delfazayebaher, S., Aghdami, N., (...), Bamdad, S., Roshandel, .82 D., Midterm outcomes of penetrating keratoplasty after cultivated oral mucosal epithelial transplantation in chemical burn, *Ocular Surface*, 2017
- Pezeshki ,& Modaress, M., Mirzadeh, H., Zandi, M., (...), Aghdami, N., Mofrad, .83 M.R.K., Gelatin/chondroitin sulfate nanofibrous scaffolds for stimulation of wound healing: In vitro and in-vivo study ۵۰, *Journal of Biomedical Materials Research - Part A*, 2017, استنادات
- Ghazizadeh, Z., Rassouli, H., Fonoudi, H., (...), Aghdami, N., Salekdeh, G.H., Transient .84 Activation of Reprogramming Transcription Factors Using Protein Transduction Facilitates Conversion of Human Fibroblasts Toward Cardiomyocyte-Like Cell, *Molecular Biotechnology*, 2017
- Makhlough, A., Shekarchian, S., Moghadasali, R., (...), Baharvand, H., Aghdami, N., Safety and .85 tolerability of autologous bone marrow mesenchymal stromal cells in ADPKD patients, *Stem Cell Research and Therapy*, 2017
- Namiri, M., Ashtiani, M.K., Mashinchian, O., (...), Aghdami, N., Baharvand, H., Engineering .86 natural heart valves: possibilities and challenges, *Journal of Tissue Engineering and Regenerative Medicine*, 2017
- Satarian, L., Nourinia, R., Safi, S., (...), Ahmadi, H., Baharvand, H., Intravitreal injection of .87 bone marrow mesenchymal stem cells in patients with advanced retinitis pigmentosa; A safety study, *Journal of Ophthalmic and Vision Research*, 2017
- Nilforoushzadeh, M., Jameh, E.R., Jaffary, F., (...), Mohammadi, P., Aghdami, N., Hair follicle .88 generation by injections of adult human follicular epithelial and dermal papilla cells into nude mice, *Cell Journal*, 2017
- Emadedin, M., Labibzadeh, N., Fazeli, R., (...), Eslaminejad, M.B., Aghdami, N., Percutaneous .89 autologous bone marrow-derived mesenchymal stromal cell implantation is safe for reconstruction of human lower limb long bone atrophic nonunion, *Cell Journal*, 2017
- Ranjad, F., Tara, A., Basiri, A., Aghdami, N., Moghadasali, R., Mutational screening of PKD1 .90 and PKD2 Genes in Iranian population diagnosed with autosomal dominant polycystic kidney disease, *Clinical Laboratory*, 2017
- Mohammadi, P., Youssef, K.K., Abbasalizadeh, S., Baharvand, H., Aghdami, N., Human Hair .91 Reconstruction: Close, But Yet So Far, *Stem Cells and Development*, 2016
- Pourgholaminejad, A., Aghdami, N., Baharvand, H., Moazzeni, S.M., Is TGFbeta as an anti- .92 inflammatory cytokine required for differentiation of inflammatory TH17 cells?, *Journal of Immunotoxicology*, 2016
- Jafarzadeh, M., Soltani, B.M., Dokanehiifard, S., (...), Aghdami, N., Hosseinkhani, .93 S., Experimental evidences for hsa-miR-497-5p as a negative regulator of SMAD3 gene expression, *Gene*, 2016
- Fonoudi, H., Ansari, H., Abbasalizadeh, S., (...), Bosman, A., Baharvand, H., Large-scale .94 production of cardiomyocytes from human pluripotent stem cells using a highly reproducible small molecule-based differentiation protocol, *Journal of Visualized Experiments*, 2016
- Sepantafar, M., Maheronnaghsh, R., Mohammadi, H., (...), Aghdami, N., Baharvand, H., Stem .95 cells and injectable hydrogels: Synergistic therapeutics in myocardial repair, *Biotechnology Advances*, 2016
- Sepantafar, M., Maheronnaghsh, R., Mohammadi, H., (...), Aghdami, N., Baharvand, H., Stem .96 cells and injectable hydrogels: Synergistic therapeutics in myocardial repair, *Biotechnology Advances*, 2016
- Sharifiaghdas, F., Tajalli, F., Taheri, M., (...), Azimian, V., Jaroughi, N., Effect of autologous .97 muscle-derived cells in the treatment of urinary incontinence in female patients with intrinsic

- .sphincter deficiency and epispadias: A prospective study, *International Journal of Urology*, 2016
- Baei, P., Jalili, F., Firoozinezhad, S., Rajabi, A., Zeleti, S., (...), Baharvand, H., Aghdami, N., 98
- N., Electrically conductive gold nanoparticle-chitosan thermosensitive hydrogels for cardiac tissue .engineering, *Materials Science and Engineering C*, 2016
- Molavi, B., Zafarghandi, M.R., Aminizadeh, E., (...), Baharvand, H., Aghdami, N., Safety and .99
- efficacy of repeated bone marrow mononuclear cell therapy in patients with critical limb .ischemia in a pilot randomized controlled trial, *Archives of Iranian Medicine*, 2016
- Jalili, F., Firoozinezhad, S., Rajabi, A., Zeleti, S., Marsano, A., Aghdami, N., Baharvand, H., Influence .100
- of decellularized pericardium matrix on the behavior of cardiac progenitors, *Journal of Applied .Polymer Science*, 2016
- Vosough, M., Moossavi, S., Mardpour, S., (...), Mohamadnejad, M., Baharvand, H., Repeated .101
- intraportal injection of mesenchymal stem cells in combination with pioglitazone in patients with .compensated cirrhosis: A clinical report of two cases, *Archives of Iranian Medicine*, 2016
- Talkhabi, M., Aghdami, N., Baharvand, H., Human cardiomyocyte generation from pluripotent .102
- stem cells: A state-of-art, *Life Sciences*, 2016
- Pourgholaminejad, A., Aghdami, N., Baharvand, H., Moazzeni, S.M., The effect of pro- .103
- inflammatory cytokines on immunophenotype, differentiation capacity and immunomodulatory .functions of human mesenchymal stem cells, *Cytokine*, 2016
- Mohamadnejad, M., Vosough, M., Moossavi, S., (...), Malekzadeh, R., Baharvand, .104
- H., Intraportal infusion of bone marrow mononuclear or CD133+ cells in patients with .decompensated cirrhosis: A double-blind randomized controlled trial, *Stem Cells Translational .Medicine*, 2016
- Labibzadeh, N., Emadedin, M., Fazeli, R., (...), Eslaminejad, M.B., Aghdami, N., Mesenchymal .105
- stromal cells implantation in combination with platelet lysate product is safe for reconstruction .of human long bone nonunion, *Cell Journal*, 2016
- Fonoudi, H., Ansari, H., Abbasalizadeh, S., (...), Aghdami, N., Baharvand, H., A universal and .106
- robust integrated platform for the scalable production of human cardiomyocytes from .pluripotent stem cells, *Stem Cells Translational Medicine*, 2015
- Taghiabadi, E., Nasri, S., Shafieyan, S., Firoozinezhad, S.J., Aghdami, N., Fabrication and .107
- characterization of spongy denuded amniotic membrane based scaffold for tissue .engineering, *Cell Journal*, 2015
- Ganji, F., Abroun, S., Baharvand, H., Aghdami, N., Ebrahimi, M., Differentiation potential of o .108
- bombay human-induced pluripotent stem cells and human embryonic stem cells into fetal .erythroid-like cells, *Cell Journal*, 2015
- Khosravi, M., Maharlooei, M., Hajizadeh, S., Saffar, E., Tahamtani, Y., (...), Luo, X., Baharvand, .109
- H., Therapy of endocrine disease: Islet transplantation for type 1 diabetes: So close and yet so .far away, *European Journal of Endocrinology*, 2015
- Moghadasali, R., Hajinasrollah, M., Argani, H., (...), Baharvand, H., Aghdami, N., Autologous .110
- transplantation of mesenchymal stromal cells tends to prevent progress of interstitial fibrosis in .a rhesus Macaca mulatta monkey model of chronic kidney disease, *Cytotherapy*, 2015
- Fekrazad, R., Sadeghi Ghuchani, M., Eslaminejad, M.B., (...), Aghdami, N., Abrahamse, H., The .111
- effects of combined low level laser therapy and mesenchymal stem cells on bone regeneration .in rabbit calvarial defects, *Journal of Photochemistry and Photobiology B: Biology*, 2015
- Ghazizadeh, Z., Vahdat, S., Fattahi, F., (...), Gholampour, M., Aghdami, N., Isolation and .112
- characterization of cardiogenic, stem-like cardiac precursors from heart samples of patients with .congenital heart disease, *Life Sciences*, 2015
- Talkhabi, M., Pahlavan, S., Aghdami, N., Baharvand, H., Ascorbic acid promotes the direct .113
- conversion of mouse fibroblasts into beating cardiomyocytes, *Biochemical and Biophysical .Research Communications*, 2015
- Talkhabi, M., Pahlavan, S., Aghdami, N., Baharvand, H., Ascorbic acid promotes the direct .114



- conversion of mouse fibroblasts into beating cardiomyocytes,Biochemical and Biophysical .Research Communications,2015
- Vahdat, S., Mousavi, S.A., Omrani, G., (...), Salekdeh, G.H., Aghdami, N.,Cellular and .115  
molecular characterization of human cardiac stem cells reveals key features essential for their  
.function and safety,Stem Cells and Development,2015
- Emadedin, M., Liastani, M.G., Fazeli, R., (...), Baharvand, H., Aghdami, N.,Long-term follow-up .116  
of intra-articular injection of autologous mesenchymal stem cells in patients with knee, ankle, or  
.hip osteoarthritis,Archives of Iranian Medicine,2015
- Samani, F.S., Ebrahimi, M., Zandieh, T., (...), Aghdami, N., Baharvand, H.,In vitro .117  
differentiation of human umbilical cord blood CD133+ cells into insulin producing cells in co-  
.culture with rat pancreatic mesenchymal stem cells,Cell Journal,2015
- Shabani, P., Ghazizadeh, Z., Pahlavan, S., (...), Aghdami, N., Doosti, M.,Exogenous treatment .118  
with eicosapentaenoic acid supports maturation of cardiomyocytes derived from embryonic  
.stem cells,Biochemical and Biophysical Research Communications,2015
- Hajizadeh ,& Saffar, E., Tahamtani, Y., Aghdami, N., (...), Shokrgozar, M.A., Baharvand, .119  
H.,Inducible VEGF Expression by Human Embryonic Stem Cell-Derived Mesenchymal Stromal  
.Cells Reduces the Minimal Islet Mass Required to Reverse Diabetes,Scientific Reports,2015
- Taghiabadi, E., Mohammadi, P., Aghdami, N., (...), Nazari, A., Shafieyan, S.,Treatment of .120  
hypertrophic scar in human with autologous transplantation of cultured keratinocytes and  
.fibroblasts along with fibrin glue,Cell Journal,2015
- .Baharvand, H., Aghdami, N.,Stem Cell Nanoengineering,Stem Cell Nanoengineering,2015 .121  
.Baharvand, H., Aghdami, N.,Preface,Stem Cell Nanoengineering,2015 .122
- Jalili , Firoozinezhad, S., Rajabi , Zeleti, S., Mohammadi, P., (...), Baharvand, H., Martin, .123  
I.,Facile Fabrication of Egg White Macroporous Sponges for Tissue Regeneration,Advanced  
.Healthcare Materials,2015
- Zali, A., Arab, L., Ashrafi, F., (...), Baharvand, H., Aghdami, N.,Intrathecal injection of CD133- .124  
positive enriched bone marrow progenitor cells in children with cerebral palsy: Feasibility and  
.safety,Cytotherapy,2015
- Pezeshki , Modaress, M., Rajabi , Zeleti, S., Zandi, M., (...), Nekookar, A., Aghdami, N.,Cell- .125  
loaded gelatin/chitosan scaffolds fabricated by salt-leaching/lyophilization for skin tissue  
.engineering: In vitro and in vivo study,Journal of Biomedical Materials Research - Part A,2014
- Moghadasali, R., Azarnia, M., Hajinasrollah, M., (...), Baharvand, H., Aghdami, N.,Intra-renal .126  
arterial injection of autologous bone marrow mesenchymal stromal cells ameliorates cisplatin-  
.induced acute kidney injury in a rhesus Macaque mulatta monkey model,Cytotherapy,2014
- Tahamtani, Y., Azarnia, M., Farrokhi, A., (...), Aghdami, N., Baharvand, H.,Stauprimide .127  
.priming of human embryonic stem cells toward definitive endoderm,Cell Journal,2014
- Vosough, M., Omidinia, E., Kadivar, M., (...), Aghdami, N., Baharvand, H.,Generation of .128  
functional hepatocyte-like cells from human pluripotent stem cells in a scalable suspension  
.culture,Stem Cells and Development,2013
- Moghadasali, R., Mutsaers, H.A.M., Azarnia, M., (...), Wilmer, M.J.G., Masereeuw, .129  
R.,Mesenchymal stem cell-conditioned medium accelerates regeneration of human renal  
proximal tubule epithelial cells after gentamicin toxicity,Experimental and Toxicologic  
.Pathology,2013
- Fattahi, F., Asgari, S., Pournasr, B., (...), Salekdeh, G.H., Baharvand, H.,Disease-corrected .130  
hepatocyte-like cells from familial hypercholesterolemia- induced pluripotent stem  
.cells,Molecular Biotechnology,2013
- Zamiri, B., Shahidi, S., Eslaminejad, M.B., (...), Mardpour, S., Aghdami, N.,Reconstruction of .131  
human mandibular continuity defects with allogenic scaffold and autologous marrow  
.mesenchymal stem cells,Journal of Craniofacial Surgery,2013
- Tahamtani, Y., Azarnia, M., Farrokhi, A., (...), Aghdami, N., Baharvand, H.,Treatment of .132

- human embryonic stem cells with different combinations of priming and inducing factors toward definitive endoderm, *Stem Cells and Development*, 2013
- Azhdari, M., Baghaban, & Eslaminejad, M., Baharvand, H., Aghdami, N., Therapeutic potential of human-induced pluripotent stem cell-derived endothelial cells in a bleomycin-induced scleroderma mouse model, *Stem Cell Research*, 2013
- Azhdari, M., Baghaban, & Eslaminejad, M., Baharvand, H., Aghdami, N., Therapeutic potential of human-induced pluripotent stem cell-derived endothelial cells in a bleomycin-induced scleroderma mouse model, *Stem Cell Research*, 2013
- Miryounesi, M., Piryaei, A., Pournasr, B., Aghdami, N., Baharvand, H., Repeated versus single transplantation of mesenchymal stem cells in carbon tetrachloride-induced liver injury in mice, *Cell Biology International*, 2013
- Fonoudi, H., Yeganeh, M., Fattahi, F., (...), Salekdeh, G.H., Aghdami, N., ISL1 Protein Transduction Promotes Cardiomyocyte Differentiation from Human Embryonic Stem Cells, *PLoS ONE*, 2013
- Miremadi, T., Salekdeh, G.H., Aghdami, N., (...), Kouhkan, A., Baharvand, H., Stem cell research and therapy in the Islamic Republic of Iran: Pioneering in the Islamic world, *Stem Cells and Development*, 2013
- .Baharvand, H., Aghdami, N., Preface, *Regenerative Medicine and Cell Therapy*, 2013
- Baharvand, H., Aghdami, N., *Regenerative medicine and cell therapy, Regenerative Medicine and Cell Therapy*, 2013
- Zahabi, A., Shahbazi, E., Ahmadi, H., (...), Salekdeh, G.H., Baharvand, H., A new efficient protocol for directed differentiation of retinal pigmented epithelial cells from normal and retinal disease induced pluripotent stem cells, *Stem Cells and Development*, 2012
- Moraveji, S. & F., Attari, F., Shahverdi, A., (...), Aghdami, N., Baharvand, H., Inhibition of glycogen synthase kinase-3 promotes efficient derivation of pluripotent stem cells from neonatal mouse testis, *Human Reproduction*, 2012
- Emadedin, M., Aghdami, N., Taghiyar, L., (...), Farjad, R., Eslaminejad, M.B., Intra-articular injection of autologous mesenchymal stem cells in six patients with knee Osteoarthritis, *Archives of Iranian Medicine*, 2012
- Ganji, F., Abruon, S., Baharvand, H., Ebrahimi, M., Aghdami, N., In-vitro differentiation of human embryonic stem cells into hemangioblasts, *Tehran University Medical Journal*, 2012
- Ahmadi, H., Farahani, M.M., Kouhkan, A., (...), Baharvand, H., Aghdami, N., Five-Year follow-up of the local autologous transplantation of CD133+ enriched bone marrow cells in patients with myocardial infarction, *Archives of Iranian Medicine*, 2012
- Baharvand, H., Aghdami, N., Advances in stem cell research, *Advances in Stem Cell Research*, 2012
- Gorji, S.M., Malekshah, A.A.K., Hashemi, & Soteh, M.B., (...), Parivar, K., Aghdami, N., Effect of mesenchymal stem cells on doxorubicin-induced fibrosis, *Cell Journal*, 2012
- Namiri, M., Baharvand, H., Aghdami, N., Methods for isolation of bone marrow stem cells: Comparative analysis, *Yakhteh*, 2011
- Ranjbarvaziri, S., Kiani, S., Akhlaghi, A., (...), Baharvand, H., Aghdami, N., Quantum dot labeling using positive charged peptides in human hematopoietic and mesenchymal stem cells, *Biomaterials*, 2011
- Kia, N.A., Bahrami, A.R., Ebrahimi, M., (...), Aghdami, N., Bidkhorji, H.R., Comparative analysis of chemokine receptor's expression in mesenchymal stem cells derived from human bone marrow and adipose tissue, *Journal of Molecular Neuroscience*, 2011
- Aghaei, M., Gharibdost, F., Zayeni, H., (...), Aghdami, N., Shojaa, M., The correlation between endothelin-1 antibody plasma concentrations in patients with scleroderma and different manifestations of the disease, *Tehran University Medical Journal*, 2011
- Nikeghbalian, S., Pournasr, B., Aghdami, N., (...), Malek, & Hosseini, S.A., Baharvand, 151

H., Autologous transplantation of bone marrow-derived mononuclear and CD133+ cells in patients with decompensated cirrhosis, *Archives of Iranian Medicine*, 2011

Pournasr, B., Mohamadnejad, M., Bagheri, M., (...), Malekzadeh, R., Baharvand, H., In vitro differentiation of human bone marrow mesenchymal stem cells into hepatocyte-like cells, *Archives of Iranian Medicine*, 2011

Mehdikhani Karimabad, H., Shabestari, M., Baharvand, H., (...), Mahmoodi, M., Aghdami, N., Lack of beneficial effects of granulocyte colony-stimulating factor in patients with subacute myocardial infarction undergoing late revascularization: A double-blind, randomized, placebo-controlled clinical trial, *Acta Cardiologica*, 2011

Khoshchehreh, R., Ebrahimi, M., Baghban Eslaminejad, M., Aghdami, N., Baharvand, H., In vitro potential of human bone marrow and umbilical cord vein mesenchymal stem cells to differentiate into insulin producing cells, *Iranian Journal of Endocrinology and Metabolism*, 2011

Baghban Eslaminejad, M.R., Jahangir, Sh., Aghdami, N., Comparison of proliferation, senescence and differentiation into skeletal cell lineages of murine bone marrow-derived and amniotic fluid mesenchymal stem cells, *Iranian Red Crescent Medical Journal*, 2010

Khodadadi, L., Shafieyan, S., Sotoudeh, M., (...), Aghdami, N., Baharvand, H., Intraepidermal injection of dissociated epidermal cell suspension improves vitiligo, *Archives of Dermatological Research*, 2010

Mohamadnejad, M., Pournasr, B., Bagheri, M., (...), Malekzadeh, R., Baharvand, H., Transplantation of allogeneic bone marrow mesenchymal stromal cell-derived hepatocyte-like cells in homozygous familial hypercholesterolemia, *Cytotherapy*, 2010

Baradaran, Rafii, A., Ebrahimi, M., Kanavi, M.R., (...), Baharvand, H., Javadi, M., A., Midterm outcomes of autologous cultivated limbal stem cell transplantation with or without penetrating keratoplasty, *Cornea*, 2010

Seifinejad, A., Taei, A., Totonchi, M., (...), Salekdeh, G.H., Baharvand, H., Generation of human induced pluripotent stem cells from a Bombay individual: Moving towards universal-donor red blood cells, *Biochemical and Biophysical Research Communications*, 2010

Ghodsizadeh, A., Taei, A., Totonchi, M., (...), Salekdeh, G.H., Baharvand, H., Generation of Liver Disease-Specific Induced Pluripotent Stem Cells Along with Efficient Differentiation to Functional Hepatocyte-Like Cells, *Stem Cell Reviews and Reports*, 2010

Totonchi, M., Taei, A., Seifinejad, A., (...), Hosseini, & Salekdeh, G., Baharvand, H., Feeder- and serum-free establishment and expansion of human induced pluripotent stem cells, *International Journal of Developmental Biology*, 2010

Farzaneh, Z., Pournasr, B., Ebrahimi, M., Aghdami, N., Baharvand, H., Enhanced Functions of Human Embryonic Stem Cell-derived Hepatocyte-like Cells on Three-dimensional Nanofibrillar Surfaces, *Stem Cell Reviews and Reports*, 2010

Baharvand, H., Totonchi, M., Taei, A., (...), Aghdami, N., Salekdeh, G.H., Human-induced pluripotent stem cells: derivation, propagation, and freezing in serum- and feeder layer-free culture condition, *Methods in molecular biology (Clifton, N.J.)*, 2010

Khodadadi, L., Shafieyan, S., Aghdami, N., Baharvand, H., Cell therapy in burn repair, *Yakhteh*, 2008

Sadeghi, B., Aghdami, N., Hassan, Z., (...), Abedi, & Valuggerdi, M., Hassan, M., GVHD after chemotherapy conditioning in allogeneic transplanted mice, *Bone Marrow Transplantation*, 2008

Aghdami, N., Gharibdoost, F., Moazzeni, S., & M., Experimental autoimmune encephalomyelitis (EAE) induced by antigen pulsed dendritic cells in the C57BL/6 mouse: Influence of injection route, *Experimental Animals*, 2008

Aghdami, N., Moazzeni, S.M., Gharibdoost, F., Mahdavi, M., Comparison of different methods for dendritic cell generation from mouse bone marrow, *Yakhteh*, 2007

Aghdami, N., Moazzeni, S.M., A new approach in treatment of insulin dependent autoimmune diabetes mellitus using IL-10 treated dendritic cells, *Iranian Journal of Diabetes and*

.Lipid Disorders,2006

Ghavamzadeh, A., Alimoghaddam, K., Ghaffari, S.H., (...), Totonchi, M., Aghdami, .169  
N.,Treatment of acute promyelocytic leukemia with arsenic trioxide without ATRA and/or  
.2006,chemotherapy,Annals of Oncology