

Curriculum Vitae

Name: Mehrdad

Surname: Behmanesh

Date of birth: 1967

Address: Department of Genetics, Faculty of Biological Sciences, Tarbiat Modares University, Tehran, Iran, P.O. Box14115-154

Tel : +98-21-82884451, Fax : +98-21-8288-4717

Email : behmanesh@modares.ac.ir ,

Academic Qualification

- 1- B.Sc. Genetics, Chamran University, Ahvaz, Iran 1987-91.
- 2- M.Sc. Molecular Genetics, Tarbiat Modares University, Tehran, Iran 1992-95.
- 3- Intensive Japanese language course. International student center, Kyushu University, Fukuoka, Japan. April–September (2000)
- 4- Ph. D, Human Genetics, Medical School, Medical Institute of Bioregulation, Kyushu University, Fukuoka, Japan. 2000- 2005

Position:

1996-1998: Academic staff and Genetic counselor: Department of Genetics and Molecular Biology, School of Medicine, Isfahan University of Medical sciences, Isfahan, Iran.

1998-March 2000, Academic staff, Lecturer: Department of Genetics, School of Sciences, Tarbiat Modares University, Tehran, Iran.

April 2005 –2010: Assistant Professor, Department of Genetics, School of Sciences, Tarbiat Modares University, Tehran, Iran

2008- 2009: Head of Genetic Department, School of Sciences, Tarbiat Modares University and Tehran, Iran.

2009- 2010: Head of Genetic Department, Faculty of Biological Sciences, Tarbiat Modares University, Tehran, Iran.

2011: Associate Professor, Department of Genetics, Faculty of Biological Sciences, Tarbiat Modares University, Tehran, Iran.

2016: Professor, Department of Genetics, Faculty of Biological Sciences, Tarbiat Modares University, Tehran, Iran.

2012 –2020: Deputy of Research affairs, Faculty of Biological Sciences, Tarbiat Modares University, Tehran, Iran.

2025 –continue: Deputy of Education affairs, Faculty of Biological Sciences, Tarbiat Modares University, Tehran, Iran.

Published papers:

1. Orphan G protein-coupled receptor 3 as a potential modulator of microglial inflammatory responses: implication for tau-associated neuroinflammation in Alzheimer' disease. Sobhani A., Shabani Sadr, N. kh., Shahpasand K., Mirnajafi-zadeh J., Behmanesh M., Life Sciences, 394, 2026
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طرحهای تحقیقاتی

شماره	عنوان طرح - کارفرما	محل اجرا	مدت اجرا	وضعیت طرح	نوع همکاری
۱	مطالعه بیان ژن ITPA در سلولهای سرطانی اولیه انسان (بنیاد علم ایران)	تربیت مدرس	2 سال	خاتمه یافته	مجری
۲	بررسی بیان ژنها TGF beta 1 و 2 و 3 در نمونه ریوی مصدومین شیمیایی (بقیه الله)	تربیت مدرس	1 سال	خاتمه یافته	مجری
۳	کلونینگ و بیان ژن اینترلوکین 7 انسانی در ایملی- ستاد توسعه زیست فناوری (	تربیت مدرس	1 سال	خاتمه یافته	مجری
۴	بررسی بیان ژن suz12 و اهداف مهاری آن در سلولهای بنیادی، در سرطان معده (ستاد سلول های بنیادی)	تربیت مدرس	2 سال	خاتمه یافته	مجری
۵	بررسی بیان و عملکرد ژن ITPA در بیماران مبتلا به هیپر تروفی قلب (بنیاد علم ایران)	تربیت مدرس	2 سال	خاتمه یافته	مجری
۶	بررسی تاثیر پودوفیلوتوکسین روی رده های سلولی سرطانی معده AGS و خونی K562 با استفاده از نانوذرات لیپیدی لیپوفکتامین (بنیاد علم ایران)	تربیت مدرس	8 ماه	خاتمه یافته	مجری
۷	تولید TGF b1 نو ترکیب انسانی در سلولهای CHO (ستاد سلول های بنیادی)	تربیت مدرس	15 ماه	خاتمه یافته	مجری
۸	بررسی پلی مورفیسیمهای شایع NPY در بیماران قلبی و ارزیابی سطح سرمی آن	تربیت مدرس	12h ماه	خاتمه یافته	مجری
۹	ساخت نانو زیست حسگر نوری و الکترو شیمیایی با استفاده از نانو ذرات مغناطیسی طلا و نقاط کوانتومی برای شناسایی با کتری استریتوکوکوس آگالاکتیا (نیماد)	تربیت مدرس	۴۸ ماه	خاتمه یافته	مجری
۱۰	بررسی اثر داروی فینگولیمود بر IncRNA کاندیدی کنترل کننده بیان ژن BDNF در Co-culture مغز رت (بنیاد علم ایران)	تربیت مدرس	۲۴ ماه	خاتمه یافته	مجری
۱۱	بررسی تغییرات سیگنال GPCR های کاننید در موش های مدل الزایمر تحت تیمار با ملاتنین (ستاد علوم شناختی)	تربیت مدرس	۱۸ ماه	خاتمه یافته	مجری
۱۲	بررسی بیان ژنهای APoE, AMY receptor and. P2Ry2 و ژنهای پایین دست آنها در مدل های موشی الزایمری و دیابتی و موشهای الزایمر- دیابتی (ستاد علوم شناختی)	تربیت مدرس	۱۸ ماه	خاتمه یافته	مجری
۱۴	تاثیر ناک داون کردن ژن Acc1 & 2 بر پیورنتز کبدی و جذب اسید های چرب ازاد و بتا اکسیداسیون با استفاده از آگزوزوم های مشتق از شیر (بنیاد علم ایران)	تربیت مدرس	۱۸ ماه	در حال انجام	مجری
۱۴	تهیه و ارزیابی هیدروژل حساس به دما بر پایه کیتوسان/ کربوکسی متیل سلولز حاوی نانو صفحات گرافن اکساید. ک.یرستین در استفاده به عنوان زخم پوش در مدل حیوانی دیابتی.	تربیت مدرس	۲۰ ماه	خاتمه یافته	مجری

همکار	خاتمه یافته	۳۰ ماه	تربیت مدرس	۱۵ بررسی تمرین پذیری فوتیپ های منتخب پلیمورفسم ژن های مرتبط با عملکرد شناختی زنان مبتلا به دیابت نوع دو به دنبال یک دوره تمرینات ورزشی ترکیبی (سناد علوم و فناوری های شناختی)	
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