

Curriculum Vitea

Parsaee, Heydar (PharmD, PhD)

Associate Professor

Department of pharmacology,

Medical School, Daneshgah Pardis, Azadi Square, Mashhad, Iran.

Tel: +985118828566

Fax: +985118828567

E -mail: parsaeeh@mums.ac.ir

- **Qualifications:**

- 1- Pharm. D (Pharmacy Doctor), Mashhad University , Mashhad, Iran (1983)
- 2- PhD in Pharmacology, London Univercity, London, UK (1992)

- **Experiences:**

- 1- Teaching of pharmacology to undergraduate and postgraduate (Msc & PhD) students since 1985.
- 2- Supervision of Pharm.D, MSc and PhD thesise

- **Papers:**

A- Published in ISI Journals:

- 1- **Parsaee, H.**, McEwan, J.R. & MacDermot, J. (1992) Differential sensitivities of the prostacyclin and nitric oxide biosynthetic pathways to cytosolic calcium in bovine aortic endothelial cells, Br. J. Pharmacol., 107, 1013-1019.
- 2- Clesham, G., **Parsaee, H.**, Joseph, S., McEwan, J.R. & MacDermot, J. (1992) Activation of bovine endothelial thromboxine receptors triggers release of prostacyclin but not EDRF, Cardiovascular Research, 26, 513-517.
- 3- **Parsaee, H.**, McEwan, J.R. & MacDermot, J. (1993) Bradykinin-induced release of PGI₂ from aortic endothelial cell lines: responses mediated selectively by Ca²⁺ ions or a staurosporine-sensitive kinase, Br. J. Pharmacol., 110, 411-415.
- 4- Fazly Bazzaz, B.S., **Parsaee, H.**, et al., (1997) Evaluation of antinociceptive and antimicrobial activities of galbanum plant (*Ferula gumosa* Boiss.) Daru, J. School of Pharmacy, Tehiran University of Medical Sciences and Health Services 7 (1) 1-22.
- 5- Imenshahidi M., Fatehi Z., **Parsaee H.**, (2004) Effect of lovastatin on acetylcholine-induced relaxation in the isolated mesenteric bed of streptozotocin diabetic rats, Iranian J. Basic Medical Sciences 7(2), 58-64.
- 6- Shafei, M.N., Boskabady, M.H., **Parsaee,H.**, (2005) Effect of aqueous extract from *Nigella sativa* L. on guinea pig isolated heart, Indian J Exp Biol, 43, 635-639.
- 7- Boskabady, M.H., Shafei, M.N., **Parsaee,H.**, (2005) Effect of aqueous and macerated extracts from *Nigella sativa* on guinea pig isolated heart activity, Pharmazie, 60 (12), 943-948.
- 8- Tavakkol Afshari, J., Hadjzadeh, M-AL-R., Ghorbani, A., **Parsaee,H.**, (2006) Ethanolic extract of *Allium sativum* has antiproliferative effect on Hep2 and L929 cell lines, Pharmacogonosy Magazine, Vol. 2 (5), 29-31.

- 9- **Parsaee H.**, Imenshahidi M., Fatehi Z., (2006) Lovastatin incubation improves acetylcholine-induced relaxation in isolated aortic rings of diabetic rat, Iranian J. of Pharmaceutical Research, Vol 3, 191-198.
- 10- Fatehi-Hssanabad Z., Imenshahidi M., Fatehi M., Farrokhfall K., **Parsaee H.** (2006) The beneficial in vitro effects of lovastatin and chelerythrine on relaxatory response to acetylcholine in the perfused mesenteric bed isolated from diabetic rats, Eur J Pharmacol, Vol 535 (1-3), 228-233.
- 11- **Parsaee H.**, Shafiee nike R. (2006) Antispasmodic and antinociceptive effects of Teucrium polium aqueous extract, Iranian Biomed J, Vol 10 (3), 145-149.
- 12- **Parsaee H.**, Shafei M.N., Boskabady M.H. (2006) Effect of ethanolic extracts from *Berberis vulgaris* on rabbit isolated heart Daru, Vol 14 (4), 208-13.
- 13- Mansouri S.M.T., Shafiee Nik R., **Parsaee H.**, Seyedi S.M., Saberi M.R., Sadeghian H., (2008) Inotropic and Chronotropic Effects of 6-Hydroxy-4-Methylquinolin-2(1H)-one Derivatives in Isolated Rat Atria, Iranian Biomed J, 12 (2), 77-84.
- 14- Ghanbari H., Saghravani N., Zakery M.,*, Mahdavi Shahri N., Zakery M., Baradaran Nasser E., Zareian Jahromi M., **Parsaei H.**, (2008) Histological evaluation of *Curcuma longa*-ghee formulation and hyaluronic acid on gingival healing in dog, Journal of Ethnopharmacology 120, 335-341.
- 15- Sadeghian H., Seyedi S.M., Saberi M.R., Shafiee-Nick R., Hosseini A., Bakavoli M., Mansouri S.M.T., **Parsaee H.**, (2009) Design, Synthesis and Pharmacological evaluation of 6-Hydroxy-4-methylquinolin-2 (1H)-one Derivatives as inotropic agents, Journal of Enzyme Inhibition and Medical Chemistry, 24 (4), 918-929.
- 16- Mousavi S. H., Tayarani N. Z., **Parsaee H.** (2010) Protective Effect of Saffron Extract and Crocin on Reactive Oxygen Species-Mediated High Glucose-Induced Toxicity in PC12 Cells, Cell Mol Neurobiol., Vol. 30, No. 2, 185-191.
- 17- Nikpour M., Sadeghian H., Saberi M.R., Shafiee Nick R., Sayedi S.M., Hossaini A., **Parsaee H.**, Taghian Dasht Bozorg A. (2010) Design, synthesis and biological evaluation of 6-(benzyloxy)-4-methylquinolin-2 (1H)-one derivatives as PDE3 inhibitors, Bioorg. Med. Chem. 18, 855-862.
- 18- Boskabady M.H., Vatanprast A., **Parsaee H.**, Ghasemzadeh M., (2011), Effect of Aqueous-Ethanolic Extract from *Rosa damascena* on Guinea Pig Isolated Heart, Iran J Basic Med Sci, Vol. 14, No. 2, 116-121.
- 19- Tayarani-Najaran, Z., _Asili, J., **Parsaee, H.**, Mousavi,S.H., Vadati Mashhadian, N., Mirzaee, A.,Seyed Ahmad Emami, S.A., (2011) Wogonin and neobaicalein from *Scutellaria litwinowii* roots are apoptotic for HeLa cells, Braz. J. Pharmacogn., 22(2), 268-276.
- 20- Zahra Tayarani-Najaran, Seyed Hadi Mousavi, Nasser Vahdati-Mashhadian, Seyed Ahmad Emami & **Heydar Parsaee** (2012): *Scutellaria litwinowii* Induces Apoptosis Through Both Extrinsic and Intrinsic Apoptotic Pathways in Human Promyelocytic Leukemia Cells, Nutrition and Cancer, Vol. 64, No. 1, 80-88.
- 21- Hosseini A., Shafiee Nick R., **Parsaee H.**, Sadeghian H., (2011) Inotropic and chronotropic effects of new cilostamide derivatives on isolated rat atria, Physiology and Pharmacology, 15 (3), 341-350.

B- Published in level III Journals:

- 1- **Parsaee, H.** (1984) The role of GABAergic system in the mechanisms of antiepileptic drugs, Medical journal of mashhad university of medical sciences, No 11&12, 89-94.

- 2- Rakhshandeh, H., Broushaki, M.T., Sadeghian, A., **Parsaee, H.**, (2004) Antimicrobial effect Of different extracts of *Nerium oleander* L on standard and clinically hsolated microorganism, Koomesh J., Semnan university of Medical Sciences, Vol. 6 (1), 37-42.
- 3- Hadjzadeh, M-AL-R., **Parsaee, H.**, Sadeghian, A., (2004) Cholesterol lowering effect of Rheum ribs in hypercholestrolemic rabbits, Medical Journal of the Islamic Republic of Iran, vol 18, No 3, 277-280.
- 4- Tayarani-Najaran, Z., **Parsaee, H.**, Hoseini, A., Mousavi, S.H., (2009) Study of noscapine-induced cell death in hepatocellular carcinoma cell line. Pharmacologyonline. 3, pp. 522-530

۵- حبیب ا...قنبری -نصرا...ساغروانیان - مهدی ذاکری - مسعود ذاکری - ناصر مهدوی شهری -

احسان برادران ناصری - مینا زارعیان جهرمی - **حیدر پارسائی**

بررسی بافت شناختی اثر هیالورونیک اسید و ترکیب *Curcuma longa*-ghee بر ترمیم لثه

به دنبال ژنژیوکتومی در سگ

مجله دندانپزشکی دانشگاه علوم پزشکی شیراز، دوره نهم، شماره ۳، ۲۳۴-۲۲۲ (۱۳۸۷)

۶- زهرا طیرانی نجاران، **حیدر پارسائی**، سید هادی موسوی

بررسی غلظت‌های مختلف گلوکز بر سمیت سلولی و افزایش گونه های فعال اکسیژن و نقش حفاظتی زعفران در سلول PC12

مجله علمی پژوهشی دانشگاه علوم پزشکی زنجان، دوره ۱۸، شماره ۷۲، پائیز ۱۳۸۹، صفحه ۴۲ تا ۵۱

۷- سید محمدتقی منصوری، رضا شفیع‌نیک، بهاره نقی‌زاده، **حیدر پارسائی**

بررسی اثر مشتقات جدید متیل‌کینولینونی بر ترشح انسولین القا شده توسط گلوکز از جزایر لانگرهانس جدا شده موش صحرائی

مجله علمی دانشگاه علوم پزشکی بیرجند، دوره هفدهم، شماره ۱، بهار ۱۳۹۰، صفحه ۱۰-۱

- **Congress presentations:**

- A- International:**

- 1- **Parsaee, H.**, McEwan, J.R. & MacDermot, J. (1990) Hetrogenieity and desensitization of β -adrenoceptors on endothelial cells, 11th international congress of pharmacology, Amsterdam, Netherlands.
- 2- **Parsaee, H.**, Joseph, S., MacDermot, J. & McEwan, J.R. (1990) The role of calcium in the independent regulation of the relrse of EDRF and prostacyclin from bovine aortic endothelial cells, British Pharmacological Society Winter Meeting, London, UK.
Parsaee, H., McEwan, J.R. Hardwick S., Warren J. & MacDermot, J. (1990) Independent regulation of the relrse of prostacyclin and EDRF from bovine aortic endothelial cells, British Pharmacological Society Autumn Meeting, London, UK.
- 3- **Parsaee, H.**, (1992) The role of cAMP and calcium in the release of prostacyclin and EDRF from bovine aortic endothelial cells., ICI Science link, Manchester, UK.
- 4- McEwan, J.R, **Parsaee, H.** & MacDermot, J. (1992) Intracellular calcium and differential release of prostacyclin, 65th Scientific Sessions of American Heart Association, Louisiana, USA.
- 5- Zakery M.,*Ghanbari H., Saghravani N., , Mahdavi Shahri N., **Parsaei H.**, (2008) Comparing of *Curcuma longa*-ghee and hyaluronic acid effect on gingival healing, 30th Asia Pacific Dental Congress, Bangkok, Thailand.
- 6- Sadeghian H, Seyedi SM, Saberi MR, Shafiee-Nick R, Mansouri SMT, Hosseini A, **Parsaee H**, (2008),
Bakavoli M. 2nd Workshop on Computer Aided Drug Design & Development: Molecular Modeling., Ankara, Turkey.

B- National:

- 1- **Parsaee, H.**, (1985) Ipratropium and its therapeutic effect in perennial rhinitis, 7th Iranian congress of physiology and pharmacology, Mashhad, Iran.
- 2- **Parsaee, H.**, Morsali, M., Jaafari, M. R., Hossainzadeh, H., Chamankhah, M., (1988) A search for new effective agents for the protection & treatment of dermal lesions induced by topical sulfur mustard, First International Medical Congress on Chemical Warfare, Mashhad, Iran.
- 3- Anari, M.R., **Parsaee, H.**, Chamankhah, M., (1988) An Investigation on protective effect of N-Acetyl-L- Cysteine against acute intoxication of sulfur mustard in mice, First International Medical Congress on Chemical Warfare, Mashhad, Iran.
- 4- **Parsaee, H.**, McEwan, J.R., Hardwick, S., Warren, J. & MacDermot, J. (1991) Direct & receptor Mediated activation of adenylate cyclase effects on the release of Prostacyclin and EDRF from endothelial cells, 3rd Iranian Pharmaceutical congress, Ahwaz, Iran.
- 5- **Parsaee, H.**, (1995) The role of cAMP and calcium on the relrase of prostacyclin and EDRF from aortic endothelial cells, 12th Iranian congress of physiology and pharmacology, Tehran, Iran.
- 6- **Parsaee, H.**, (1997) The role of proteine kinase C on the relrase of prostacyclin and nitric oxide from aortic endothelial cells, 13th Iranian congress of physiology and pharmacology, Esfahan, Iran.
- 7- Parizadeh, S.M.R., Shafiee-Nick, R. Zahraei, M., **Parsaee, H.**, (1999) The effects of cyclic nucleotide phosphodiesterase inhibitors on glucose-induced insulin release from rat pancreatic islets, 14th Iranian congress of physiology and pharmacology, Tehran, Iran.
- 8- **Parsaee, H.**, Taghizadeh, M., (1999) Anticonvulsant effect of Achillea millefolium in mice, 14th Iranian congress of physiology and pharmacology, Tehran, Iran.
- 9- **Parsaee, H.**, Rakhshandeh, H., Shahriary, A., Ghodratynia, M.R., (1999) Analgesic effect of Peganum harmala in mice, 14th Iranian congress of physiology and pharmacology, Tehran, Iran.
- 10- Rakhshandeh, H., **Parsaee, H.**, Shahriary, A., Tajani S.M., (1999) Effects of Carum copticum extract on morphine dependence in mice, 14th Iranian congress of physiology and pharmacology, Tehran, Iran.
- 11- **Parsaee, H.**, Shirmohammadi, B., Boskabady M.H., (2001) Inhibitory effect of Nigella sativa on calcium channels of isolated rabbit heart, 15th Iranian congress of physiology and pharmacology, Shiraz, Iran.
- 12- Shahriary, A., Rakhshandeh, H., Dolati, K., **Parsaee, H.**, Khooban, H., (2001) Study the antispasmodic and analgesic effect of Teucrium polium extract, 15th Iranian congress of physiology and pharmacology, Shiraz, Iran.
- 13- Dolati, K., Rakhshandeh, H., **Parsaee, H.**, Sadeghian, A., Bidokhti, G., (2001) Study of antimicrobial effects of different extracts of Allium satibum on the nosocomial & standard microbes, 15th Iranian congress of physiology and pharmacology, Shiraz, Iran.
- 14- Rakhshandeh, H., Dolati, K., Sadeghian, A., **Parsaee, H.**, Shahriary, A., Ebrahimi, (2001), Studying antimicrobial effects of different extracts of Nigella sativa seed on standard and hospitual bacteries, 15th Iranian congress of physiology and pharmacology, Shiraz, Iran.
- 15- **Parsaee, H.**, Rakhshandeh, H., Dolati, K., Tajani S.M., (2003), Effecfts of Carum copticum aqueous extract on morphine withdrawal syndrome in mice, 16th Iranian congress of physiology and pharmacology, Tehran, Iran.
- 16- Dolati, K., Rakhshandeh, H., Hoseinee, M., **Parsaee, H.**, (2003) Study of anticonvulsant effect of extract and essence of Rosa damacena in mice, 16th Iranian congress of physiology and pharmacology, Tehran, Iran.
- 17- Rakhshandeh, H., Hoseinee, M., Dolati, K., **Parsaee, H.**, (2003) Hypnotic effect of Rosa damacena extract in mice, 16th Iranian congress of physiology and pharmacology, Tehran, Iran.

- 18- Hoseinee, M., Shafee, M., Baloochnejad, T., Kaihani, M., **Parsaee, H.**, (2003) Study the effect of Garlic extract on ACE activity in the serum of streptozocin-induced diabetic rat, 16th Iranian congress of physiology and pharmacology, Tehran, Iran.
- 19- **Parsaee H.**, Imenshahidi M., Fatehi Z., (2005) Effect of lovastatin on acetylcholine-induced relaxation in the isolated aorta of streptozotocin diabetic rats, 17th Iranian congress of physiology and pharmacology, Kerman, Iran.
- 20- Shafei, M.N., Boskabady, M.H., **Parsaee,H.**, (2005) Effect of aqueous extract from *Berberis vulgaris* on rabbit isolated heart, 17th Iranian congress of physiology and pharmacology, Kerman, Iran.
- 21- Ghorbani, A., Tavakkol Afshari, J., Hadjazadeh, M-AL-R., **Parsaee, H.**, (2005) Ethanolic extract of *Allium sativum* has antiproliferative effect on Hep2 and L929 cell lines, 17th Iranian congress of physiology and pharmacology, Kerman, Iran.
- 22- Ghanbari H., Zakery M., Saghravani N., Zakery M., Baradaran Nasser E., **Parsaei H.**, (2006) Histological evaluation of *Curcuma longa*-ghee formulation and hyaluronic acid on gingival healing in dog, The 6th International Congress of Iranian Academy of Periodontology, Shiraz, Iran.
- 23- Hosseini A. Shafiee-Nick R. and **Parsaee H.**, (2007) Investigating the effects of MC7 and MC12, selective PDE3 inhibitors, on isolated rat atria contractile force, 18th Iranian congress of physiology and pharmacology, Mashhad, Iran.
- 24- Vatanprast A., Boskabady M.H., **Parsaee H.**, Saberi Z. (2007) Effect of aqueous-ethanolic extract from *Rosa damascena* on guinea pig isolated heart, 18th Iranian congress of physiology and pharmacology, Mashhad, Iran.
- 25- Hosseini A., Shafiee-Nick R., Sadeghian H. and **Parsaee H.**, (2011) Novel cilostamide analogs, PDE3 inhibitors, produce positive inotropic but differential lusitropic effect on isolated rat atria, 12th Iranian congress of biochemistry & 4th international congress of biochemistry and molecular biology, Mashhad, Iran.
- 26- Hosseini A., Shafiee-Nick R., Sadeghian H. and **Parsaee H.**, (2011) The effect of new cilostamide derivatives on isolated rat atria, higher inotropic and lower chronotropic, 20th Iranian congress physiology and pharmacology, Hamadan, Iran.
- 27- Hosseini A., Shafiee-Nick R., Sadeghian H. and **Parsaee H.**, (2011) Evaluation of the effects of new synthetic methylquinone derivatives on glucose induced insulin secretion from rats isolated langerhans islets, 20th Iranian congress physiology and pharmacology, Hamadan, Iran.

- **Positions:**

- Present positions:**

- 1- Head of Pharmacology Department, Medical School, Mashhad University of Medical Sciences (MUMS) (2009- continued)

- Previous positions:**

- 1- Vice daen of Medical School, Mashhad University of Medical Sciences (MUMS) (1987-1989 & 1994-1998)
 - 2- Head of Pharmacology Department, Medical School, Mashhad University of Medical Sciences (MUMS) (1999-2002)
 - 3- Member of national board of pharmacology (1996-1998 & 2000-2002)
 - 4- Dean of Pharmacological research center of medicinal plants (2005-2009)

- **Academic membership:**

- 1- Member of Iranian Society of Physiology and Pharmacology (1986- continued)
- 2- Member of Iranian Society of Pharmaceutical Specialists (1994- continued)
- 3- Member of Research Comitee of Basic Sciences, School of Medicine (2009- continued)
- 4- Member of Promotion Comitee of Medical School (2009- continued)

- **Research intrest:**

- 1- Cardiovascular pharmacology (isolated vascular tissue, isolated heart, in-vivo investigations)
- 2- Cell culture methods and signal transduction
- 3- Medicinal plants pharmacology