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**Academic Position: Professor of pharmacology**

**Administrative position:** Head - **Drug Applied Research Center** - Tabriz University of Medical Sciences, Tabriz 51656-65811, Iran

**Educational Records:**

1983-1988: **Pharm D.**, School of Pharmacy, Tabriz University of Medical Sciences, **Tabriz-Iran.**  
1993-1998: **PhD** in Cardiovascular Pharmacology, University of Bradford, **Bradford, U.K.**

**- Work experiences (since 1998)**

- 1- Head, Drug Applied Research Center, (May 2003- present)
- 2- Deputy for Research Vice Chancellor (June 2002 - May 2003)
- 3- Director General of Research Affairs of the University, Tabriz University of Medical Sciences (2000-May 2003)
- 4- Chairman and member of editorial board, Advanced Pharmaceutical Bulletin, <http://apb.tbzmed.ac.ir/AboutJournal/EditorialBoard.aspx>
- 5- Member of editorial board, Journal of pharmaceutical Sciences, <http://journals.tbzmed.ac.ir/PHARM/Editorial>
- 6- Head of Pharmacology Department (1998-2001)
- 7- Secretary for University Research Elected Committee ( August 2004 – 2011)
- 8- Secretary of Elected Committee of School of Pharmacy (September 2003 - 2012)
- 9- Member of University Council (May 2003 - present)
- 10- Member of University Audit Board (2010- present)
- 11- Member of Research Committee of Food and Nutrition Security (October 2002- 2005)
- 12- Member of Research Committee of Research Center for Pharmaceutical Nanotechnology (Feb 2006- 2008)

**- Book Editor:**

Antihypertensive Drugs (2012), **Hossein Babaei** (Ed.), ISBN: 978-953-51-0462-9, InTech, Available from: <http://www.intechopen.com/books/antihypertensive-drugs>

**- Supervising more than 50 Pharm D, MSC and PhD thesis**

**- Publications and Presentations**

- 1- **H Babaei**, F Forouzandeh, L Maghsoumi-Norouzabad, H Yousefimanesh, M Ravanbakhsh, A Zare Javid, Effects of Chicory Leaf Extract on Serum Oxidative Stress Markers, Lipid Profile and Periodontal Status in Patients With Chronic Periodontitis, Journal of the American College of Nutrition, 2018, <https://doi.org/10.1080/07315724.2018.1437371>
- 2- E Nikkhah, F Heshmati Afshar, **H Babaei**, P Asgharian, A Delazar, Phytochemical Analysis and In-vitro Bioactivity of Scrophularia umbrosa Rhizome (Scrophulariaceae), Iranian Journal of Pharmaceutical Research, 2018, 17(2): 685-694.
- 3- E Ahmadian , AY Khosroushahi , A Eftekhari , S Farajnia , **H Babaei** , MA Eghbal, Novel angiotensin receptor blocker, azilsartan induces oxidative stress and NFkB-mediated apoptosis in hepatocellular carcinoma cell line HepG2, Biomed Pharmacother. 2018, 99:939-946
- 4- N Safaei, **H Babaei**, R Azarfarin, AR Jodati, A Yaghoubi, Comparative effect of grape seed extract (Vitis vinifera) and ascorbic acid in oxidative stress induced by on-pump coronary artery bypass surgery, Annals of Cardiac Anaesthesia, 2017, 20 (1), 45-51.
- 5- N Razmaraii, **H Babaei**, AM Nayebi, SA Khosroushahi, S Farajnia, Evaluation of cytotoxic effect and antioxidant activity of grape seed extract, crocin, and phenytoin, Archives of Razi Institute, 2017, 72 (3),181-187.
- 6- E Ahmadian, A Eftekhari, J Khalili Fard, **H Babaei**, AM Nayebi, D Mohammadnejad, MA Eghbal, In vitro and in vivo evaluation of the mechanisms of citalopram-induced hepatotoxicity, Archives of Pharmacal Research, 2017, 40(11), 1296-1313

- 7- E Ahmadian, A Eftekhari, **H Babaei**, AM Nayebi, MA Eghbal, Anti-cancer effects of citalopram on hepatocellular carcinoma cells occur via cytochrome C release and the activation of NF-kB, *Anti-cancer agents in medicinal chemistry*, 2017, 17(11), 1570-1577.
- 8- E Ahmadian, **H Babaei**, NA Mohajjel, A Eftekhari, MA Eghbal, Mechanistic Approach for Toxic Effects of Bupropion in Primary Rat Hepatocytes, *Drug research*, 2017, 67(04): 217-222.
- 9- L Rahbarnia, S Farajnia, **H Babaei**, J Majidi, K Veisi, S Ahdi Khosroshahi, A Tanomand, Development of a Novel Human scFv Against EGFR L2 Domain by Phage Display Technology, *Current Pharmaceutical Design*, 2017, 23(13), 2009-2014.
- 10- L Rahbarnia, S Farajnia, **H Babaei**, J Majidi, K Veisi, V Ahmadzadeh, B Akbari, Evolution of phage display technology: from discovery to application, *Journal of Drug Targeting*, 2017, 25 (3), 216-224.
- 11- E Nikkhah, S Asnaashari, **H Babaei**, FH Afshar, A Delazar, Chemical composition and biological activities of essential oil and methanol extract of *Scrophularia umbrosa*, *Research Journal of Pharmacognosy*, 2017, 4 (1), 41-50.
- 12- N Razmaraii, **H Babaei**, AM Nayebi, G Assadnassab, JA Helan, Y Azarmi, Crocin treatment prevents doxorubicin-induced cardiotoxicity in rats, *Life sciences*, 2016, 157, 145-151.
- 13- N Razmaraii, **H Babaei**, A Mohajjel Nayebi, G Asadnasab, J Ashrafi Helan, Cardioprotective Effect of Grape Seed Extract on Chronic Doxorubicin-Induced Cardiac Toxicity in Wistar Rats: Cardioprotective Effect of Grape Seed Extract, *Advanced Pharmaceutical Bulletin*, 2016, 6 (3), 423-433.
- 14- L Rahbarnia, S Farajnia, **H Babaei**, J Majidi, K Veisi, SA Khosroshahi, Development of a novel human scFv against EGFR L2 domain by phage display technology, *Current pharmaceutical design*, 2016, 22.
- 15- N Razmaraii, **H Babaei**, AM Nayebi, G Asadnasab, JA Helan, Y Azarmi, Cardioprotective Effect of Phenytoin on Doxorubicin-Induced Cardiac Toxicity in a Rat Model. *Journal of cardiovascular pharmacology*, 2016, 67 (3), 237-245.

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- 17- A Separham, S Ghaffari, H Najafi, R Ghaffari, M Ziaee, **H Babaei**, The Impact of Allopurinol on Patients With Acute ST Elevation Myocardial Infarction Undergoing Thrombolytic Therapy, *Journal of Cardiovascular Pharmacology*, 2016, 68 (4), 265-268.
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- 19- E Ahmadian, A Eftekhari, JK Fard, **H Babaei**, AM Nayebi, In vitro and in vivo evaluation of the mechanisms of citalopram-induced hepatotoxicity, *Archives of pharmacal research*, 2016, 1-18
- 20- L Rahbarnia, S Farajnia, **H Babaei**, J Majidi, H Dariushnejad, Isolation and characterization of a novel human scFv inhibiting EGFR vIII expressing cancers, *Immunology Letters*, 2016, 180, 31-38.
- 21- E Ahmadian, **H Babaei**, AM Nayebi, A Eftekhari, MA Eghbal, Venlafaxine-Induced Cytotoxicity Towards Isolated Rat Hepatocytes Involves Oxidative Stress and Mitochondrial/Lysosomal Dysfunction, *Advanced Pharmaceutical Bulletin*, 2016, 6 (4)
- 22- A Zare-Javid, F Forouzandeh, **H Babaei**, H Yousefi-manesh, Impact of Consumption of Chicory Leaf Extract in Adjunct with Non-surgical Periodontal Therapy on Serum Antioxidant and Lipid Status in Patients with Periodontal Disease: Preliminary Study, *Nutrition and Food Sciences Research*, 2016, 3 (2), 11-20.
- 23- S Sadigh-Eteghad, I Khalili, **H Babaei**, R Toroghi, N Razmaraii, L Froggy, Immunogenicity of commercial, formaldehyde and binary ethylenimine inactivated Newcastle disease virus vaccines in specific pathogen free chickens, *Archives of Razi Institute*, 2016, 67 (1), 21-25.
- 24- H Paykari, **H Babaei**, S Sadegh-Eteghad, N Razmaraii, K Esmaeilnia, Molecular survey of Canine Microfilariae Species in East-Azerbaijan province of Iran, *Archives of Razi Institute*, 2016, 68 (2), 125-129.

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- 26- Maryam Rameshrada, **Hossein Babaei**, Yadollah Azarmi, Daniel Fadaei Fouladia, Rat aorta as a pharmacological tool for in vitro and in vivo studies, *Life Sciences*, 2016, 145, 190–204.
- 27- Felor Zargari, Amir Ghorbanihaghjo, **Hossein Babaei**, Protective Effects of Hydroalcoholic Extract of *Nasturtium officinale* on Rat Blood Cells Exposed to Arsenic, *Iranian Journal of Toxicology*, 2015, 9 No 29.
- 28- A Aliasgharzadeh, M Khalili, E Mirtaheri, B Pourghassem Gargari, F Tavakoli, M Farhangi, **H Babaei**, P Dehghan, A Combination of Prebiotic Inulin and Oligofructose Improve Some of Cardiovascular Disease Risk Factors in Women with Type 2 Diabetes: A Randomized Controlled Clinical Trial, *Adv Pharm Bull*, 2015, 5(4), 507-514.
- 29- Shahin Abdolahi Fakhim, **Hossein Babaei**, Masoud Zarringhalam, Javad Ashrafi, Wound healing effect of topical Phenytoin on Rat palatal mucosa, *Int.J.Curr.Res.Aca.Rev.*2015; 3(6):463-476.
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