

CURRICULUM VITAE

Qualifications

DVM: Doctor of Veterinary Medicine, Urmia University (2001-2007)

- GPA (18.44/20.0)
- Graduation with **highest distinction**

PhD: Veterinary Pharmacology, University of Tehran (2007- 2011)

- GPA (18.73/20.0)
- Graduation with **highest distinction**

Honors and Awards

- Exemplary University Professor of AUSMT in teaching, 2016
- Exemplary University Researcher of AUSMT, 2017
- Selected as Exemplary Researcher of Mazandaran Province in the field of veterinary sciences, 2017
- Exemplary University Professor of AUSMT in teaching, 2020

Present Position

Associate Professor of Veterinary Pharmacology and Toxicology, AUSMT

Teaching Experiences

- Veterinary Pharmacology
- Veterinary Toxicology
- Clinical Pharmacology for veterinary Technicians
- Food Toxicology
- Laboratory Animals
- English for Veterinary Students

Journal Papers

1. Sadeghi G., **Abouhosseini M.**, Asri Rezayi S. Role of nitric oxide in the plasma lipid profile in the rabbit. Archives of Medical Science.5 (3):2009, pp, 308-312.

2. Youssefi M.R., **Abouhosseini Tabari, M.**, Sadeghi Hashjin, G., Kouhi, M.K. Antiparasitic efficacy of worm wood (*Artemisia absinthium*) alcoholic extract on *Syphacia obvolata*. Iranian Journal of Veterinary Medicine, 2012, 6(1): 45-48.
3. Ebrahimpour S., **Abouhosseini M.**, Youssefi M.R., Aghajanzadeh H., Yousefi Behzadi M. Synergistic effect of aged garlic extract and naltrexone on improving immune responses to experimentally induced fibrosarcoma tumor in BALB/c mice. PHCOG RES, 2013, 5(3):189-194.
4. Fatemeh Ghasemi, Fakhreddin Rezaei, Atefeh Araghi, **Mohaddeseh Abouhosseini Tabari**: Antimicrobial Activity of Aqueous-Alcoholic Extracts and the Essential Oil of *Verbascum thapsus* L.. Jundishapur Journal of Natural Pharmaceutical Products 08/2015; 10(3). DOI:10.17795/jjnpp-23004
5. **Mohaddeseh Abouhosseini Tabari**, Mohammad Reza Youssefi, Alireza Barimani, Atefeh Araghi: Carvacrol as a potent natural acaricide against *Dermanyssus gallinae*. Parasitology Research 07/2015; 114(10). DOI:10.1007/s00436-015-4610
6. Asadi Iraee, H., Asadi Iraee, M., Youssefi, M.R., **Abouhosseini Tabari, M.**: Growth performance parameters in chicken experimental coccidiosis treated with Diclazuril and Clopidol: The need for assessing new anticoccidial resources. Iranian journal of veterinary medicine 2015 (9): 189-194
7. **Abouhosseini Tabari M.**, Ebrahimpour S.: Effect of aged garlic extract on immune responses to experimental fibrosarcoma tumor in BALB/c mice. Indian Journal of Cancer 2014(51) Issue 4.10.4103/0019-509X.175359
8. **TABARI, M. A.**, GHAZVINIAN, K., IRANI, M., & MOLAEI, R. (2016). EFFECTS OF DIETARY SUPPLEMENTATION OF NETTLE ROOT EXTRACT AND PUMPKIN SEED OIL ON PRODUCTION TRAITS AND INTESTINAL MICROFLORA IN BROILER CHICKENS. Bulgarian Journal of Veterinary Medicine, 19(2), 108-116.
9. Farhadi A, Youssefi MR, **Abouhosseini Tabari M.** Evaluation of the anticestode and antinematode effects of the methanol extract of *Ferula asafoetida* on experimentally infected rats. J Babol Univ Med Sci. 2016;18(6):47-51.
10. Alireza Barimani, Mohammad Reza Youssefi & **Mohaddeseh Abouhosseini Tabari**. Traps containing carvacrol, a biological approach for the control of *Dermanyssus gallinae*. Parasitol Res (2016) 115:3493–3498.
11. Farzam Masoumi, Mohammad Reza Youssefi & **Mohaddeseh Abouhosseini Tabari**. Combination of carvacrol and thymol against the poultry red mite (*Dermanyssus gallinae*). Parasitol Res (2016) 115:4239–4243
12. Golshahi H, Sayrafi R, Araghi A, **Abouhosseini Tabari M.** Histopathological changes and

biochemical analysis of sulfadiazine injected in egg in chicken embryo pectoral muscles. Archives of Razi Institute. 2016;71(4):259-67.

13. Shahnouri M, **Abouhosseini Tabari M**, Araghi A. Neuropharmacological properties of farnesol in Murine model. Iranian Journal of Veterinary Research. 2016;17(4):259-64.
14. **Mohaddeseh Abouhosseini Tabari** , Mohammad Reza Youssefi , Elham Moghaddas, Mohammad Amin Ebrahimi, Niki Nabavi Mousavi , Ali Naseri .Antileishmanial activity of *Artemisia sieberi* essential oil against Leishmania infantum in vitro. Advanced Herbal Medicine. 2016; 2(2): 40-46.
15. **Tabari, Mohaddeseh Abouhosseini**, Mohammad Reza Youssefi, Aryan Esfandiari, and Giovanni Benelli. "Toxicity of β -citronellol, geraniol and linalool from Pelargonium roseum essential oil against the West Nile and filariasis vector Culex pipiens (Diptera: Culicidae)." *Research in Veterinary Science* 114 (2017): 36-40.
16. Youssefi, M. R., **M. Abouhosseini Tabari**, and A. A. Moghadamnia. "In vitro and in vivo activity of Artemisia sieberi against Trichomonas gallinae." *Iranian Journal of Veterinary Research* 18, no. 1 (2017): 25-29.
17. **Mohaddeseh Abouhosseini Tabari** , Mohammad Reza Youssefi & Giovanni Benelli. Eco-friendly control of the poultry red mite, Dermanyssus gallinae (Dermanyssidae), using the α -thujone-rich essential oil of Artemisia sieberi (Asteraceae): toxic and repellent potential. Parasitol Res. DOI 10.1007/s00436-017-5431-
18. **Tabari, M. A.**, M. R. Youssefi, and A. A. Moghadamnia. "Antitrichomonal activity of Peganum harmala alkaloid extract against trichomoniasis in pigeon (Columba livia domestica)." *British poultry science* (2017): 1-6.
19. Atefeh Araghi, **Mohaddeseh Abouhosseini Tabari**, Hannaneh Golshahi. Protective effect of carvacrol on ketamine induced testicular damage in mouse model of schizophrenia. J Herbmed Pharmacol. 2017; 6(3): 100-106.
20. Ghazvinian, K., Araghi, A., & **Abouhosseini Tabari, M.** (2017). Performance, immunity, and serum biochemical parameters in broiler chickens fed diet supplemented with Zataria multiflora essential oil. *Advanced Herbal Medicine*, 3(1), 23-30.
21. **Tabari, Mohaddeseh Abouhosseini**, and Mohammad Amir Bagherpour Tehrani. "Evidence for the involvement of the GABAergic, but not serotonergic transmission in the anxiolytic-like effect of bisabolol in the mouse elevated plus maze." *Naunyn-Schmiedeberg's Archives of Pharmacology* 390.10 (2017): 1041-1046.
22. **Tabari, M. A.**, Youssefi, M. R., Maggi, F., & Benelli, G. (2017). Toxic and repellent activity of selected monoterpenoids (thymol, carvacrol and linalool) against the castor bean tick, Ixodes

ricinus (Acari: Ixodidae). *Veterinary Parasitology*, 245, 86-91.

23. Araghi, A., Golshahi, H., Baghban, F. and **Tabari, M.A.**, 2017. Ameliorative action of farnesol on cyclophosphamide induced toxicity in mice. *Journal of Herbmed Pharmacology*, 7(1), pp.37-43.
24. **Abouhosseini Tabari, Mohaddeseh**, Mohammad Reza Youssefi. "In vitro and in vivo evaluations of Pelargonium roseum essential oil activity against Trichomonas gallinae." *Avicenna Journal of Phytomedicine* (2017): 1-11.
25. **Abouhosseini Tabari, Mohaddeseh**, Akbar Hajizadeh Moghaddam, Filippo Maggi, and Giovanni Benelli. "Anxiolytic and antidepressant activities of Pelargonium roseum essential oil on Swiss albino mice: Possible involvement of serotonergic transmission." *Phytotherapy Research* (2018).
26. **Tabari, M. A.**, Youssefi, M. R., Nasiri, M., Hamidi, M., Kiani, K., Samakkhah, S. A., & Maggi, F. (2019). Towards green drugs against cestodes: Effectiveness of Pelargonium roseum and Ferula gummosa essential oils and their main component on Echinococcus granulosus protoscoleces. *Veterinary Parasitology*.
27. Youssefi, Mohammad Reza, **Mohaddeseh Abouhosseini Tabari**, Aryan Esfandiari, Sohrab Kazemi, Ali Akbar Moghadamnia, Stefania Sut, Stefano Dall'Acqua, Giovanni Benelli, and Filippo Maggi. "Efficacy of Two Monoterpenoids, Carvacrol and Thymol, and Their Combinations against Eggs and Larvae of the West Nile Vector Culex pipiens." *Molecules* 24, no. 10 (2019): 1867.
28. Youssefi, Mohammad Reza, Elham Moghaddas, **Mohaddeseh Abouhosseini Tabari**, Ali Akbar Moghadamnia, Seyed Mohammad Hosseini, Bibi Razieh Hosseini Farash, Mohammad Amin Ebrahimi et al. "In Vitro and In Vivo Effectiveness of Carvacrol, Thymol and Linalool against Leishmania infantum." *Molecules* 24, no. 11 (2019): 2072.
29. **Tabari, Mohaddeseh Abouhosseini**, Mohammad Reza Youssefi, Mojtaba Nasiri, Mojtaba Hamidi, Komeil Kiani, Shohre Alian Samakkhah, and Filippo Maggi. "Towards green drugs against cestodes: Effectiveness of Pelargonium roseum and Ferula gummosa essential oils and their main component on Echinococcus granulosus protoscoleces." *Veterinary parasitology* 266 (2019): 84-87.
30. Youssefi, Amir Reza, Mohammad Reza Youssefi, and **Mohaddeseh Abouhosseini Tabari**. "Comparison of the in vitro effect of Cannabis sativa Essential Oil with Albendazole on Protoscolices of Hydatid Cyst." *Journal of Gorgan University of Medical Sciences* 21, no. 4 (2020): 107-113.
31. **Tabari, Mohaddeseh Abouhosseini**, Arash Rostami, Aref Khodashenas, Filippo Maggi, Riccardo Petrelli, Cristiano Giordani, Léon Azefack Tapondjou et al. "Acaricidal activity, mode of action, and persistent efficacy of selected essential oils on the poultry red mite (Dermanyssus gallinae)." *Food and Chemical Toxicology* 138 (2020): 111207.
32. Llewelyn, Victoria K., Andrejs Sitovs, Marta Tikhomirov, Irene Sartini, Tae Won Kim,

Mohaddeseh A. Tabari, Błażej Poźniak et al. "Journal clubs: an educational tool for veterinary practitioners." *Journal of the American Veterinary Medical Association* 256, no. 8 (2020): 869-871.

33. **Tabari, Mohaddeseh Abouhosseini**, Aref Khodashenas, Maryam Jafari, Riccardo Petrelli, Loredana Cappellacci, Massimo Nabissi, Filippo Maggi, Roman Pavela, and Mohammad Reza Youssefi. "Acaricidal properties of hemp (*Cannabis sativa* L.) essential oil against *Dermanyssus gallinae* and *Hyalomma dromedarii*." *Industrial crops and products* 147 (2020): 112238.
34. **Tabari, Mohaddeseh A.**, Mohammad Reza Youssefi, Seyed Mehdi Hosseinfard, Ali Akbar Moghaddamnia, Sohrab Kazemi, NadAli Yousefi Sadati, Azadeh Jalali Mothahari, and Mario Giorgi. "Pharmacokinetics of levamisole after intramuscular and oral administrations to Caspian salmon (*Salmo trutta caspius*)." *Journal of veterinary pharmacology and therapeutics* 43, no. 3 (2020): 276-281.
35. **Tabari, Mohaddeseh Abouhosseini**, Błażej Poźniak, Mohammad Reza Youssefi, M. R. Roudaki Sarvandani, and Mario Giorgi. "Comparative pharmacokinetics of metronidazole in healthy and *Trichomonas gallinae* infected pigeons (*Columba livia*, var. *domestica*)." *British Poultry Science* (2021): 1-7.
36. Sadati, NadAli Yousefi, Mohammad Reza Youssefi, Seyed Mehdi Hosseinfard, **Mohaddeseh Abouhosseini Tabari**, and Mario Giorgi. "Pharmacokinetics and pharmacodynamics of single and multiple-dose levamisole in belugas (*Huso huso*): Main focus on immunity responses." *Fish & shellfish immunology* 114 (2021): 152-160.

Conference Papers

1. Abouhosseini M., Sadeghi G., Asri Rezayi S. Evaluation of Role of Nitric Oxide in Blood Lipid Profile. Poster presentation, 15th Congress of Veterinary Society of Iran. 27- 29 April 2008. Tehran, Iran.
2. Naeimii S., Abouhosseini M., Mohammadnejad M., Sadeghi G. Effects of Xylazine on selective behaviors in the mouse and comparison with opioids. Poster presentation. 1st International Congress of Veterinary Pharmacology and Pharmaceutical Sciences. 5-7 October 2008. Tehran, Iran.
3. Abouhosseini M., Naeimii S., Mohammadnejad M., Sadeghi G. Ketamine induces despair behavior in mouse. Poster presentation. 1st International Congress of Veterinary Pharmacology and Pharmaceutical Sciences. 5-7 October 2008. Tehran, Iran.
4. Mohammadnejad M., Naeimii S., Abouhosseini M., Sadeghi G. Chlorpromazine: evidence for analgesia. Oral presentation. 1st International Congress of Veterinary Pharmacology and Pharmaceutical Sciences. 5-7 October 2008. Tehran, Iran.
5. M. Abouhosseini Tabari, M.R. Youssefi, F. Valipouraghdam. Antimicrobial component from Plants, advance method for resistance method. 16th Iranian Veterinary Congress. 2010; Tehran, Iran.
6. M. Abouhosseini Tabari, M.R. Youssefi, H. Ghasemi, M. Saeidfar, F. Ghasemi, M. Gorji,

- R.Hajiesmaili. Evaluation anti fungal effects of Menthol, Eucalyptus and Mentophin TM on Candida Albicans. 4th Congress of Laboratory and Clinic, 21-23 December 2011, Tehran, Iran.
7. Valipour F., Onagh A., Abouhosseini M., Asnaashari M. Y., Saeidfar M., Morphologic changes caused by aniseed essence in *Zygomycetes* fungi, 2nd International Congress of Veterinary Pharmacology and Pharmaceutical Sciences. December 2011. Tehran, Iran.
 8. Valipour F., Onagh A., Abouhosseini M., Asnaashari M. Y., Saeidfar M., Antifungal effect of *Zattaria multiflora*, 2nd International Congress of Veterinary Pharmacology and Pharmaceutical Sciences. December 2011. Tehran, Iran.
 9. Moradi A., Hosseinifard S. M., Araghi A., Abouhosseini M., Measurement of the heavy metal (Cu) in gill and muscle of Caspian gobidae, Toxicology and animal intoxication, October 2014, Tehran, Iran.
 10. Abouhosseini M., Araghi A., Report of amphetamine compounds toxicity in a Terrier dog, Toxicology and animal intoxication, October 2014, Tehran, Iran.
 11. Araghi A., Behzadi, R., Ahmadi A., Rezaiyan M., Abouhosseini M., Anxiolytic like effect of farnesol, 3rd neuroscience congress, October 2014, Tehran, Iran.
 12. M.Abouhosseini Tabari, M.R.Youssefi, Ekrami, B., Successive treatment of *Spiculopteragia asymmetrica* infection in Caspian red deer with Ivermectine, 3rd international congress of large animal practitioners, February 2015, Tehran, Iran.
 13. M.Abouhosseini Tabari, M.R.Youssefi, Carvacrol as a novel plant derived insecticide effective against *Cimex lectularis* L., 2nd international congress of parasitology and parasitic diseases, May 2015, Gilan, Iran.
 14. Abouhosseini M., Araghi A., Neuroprotective effect of carvacrol in ketamine induced model of schizophrenia in mice, 8th international congress of neurorestoratology, April 2015, Tehran, Iran.
 15. Abouhosseini M., Panahi Z., Sarhadi S., Lotfi M. Neuropharmacological properties of *Plargonium roseum*, possible involvement of 5-HT_{1A} serotonin receptor subtype, 3rd international congress of veterinary pharmacology and pharmaceutical science. May 2016, Shahrekord, Iran.
 16. Abouhosseini M., Youssefi M. Reduced metronidazole susceptibility in *Trichomonas gallinae* strain isolated from north of Iran, 3rd international congress of veterinary pharmacology and pharmaceutical science. May 2016, Shahrekord, Iran.
 17. Abouhosseini M., Araghi A. Antipsychotic effect of carvacrol in ketamine induced model of schizophrenia in mice by decreasing malonaldehyde levels. 1st international conference on modern technologies in science. Sept. 2017 Amol, Iran.
 18. Abouhosseini M., Hosseinifard S.M. Effects of cimetidine on some hematological and immunological parameters in rainbow trout. 1st international conference on modern technologies in science. Sept. 2017 Amol, Iran.
 19. Kim, TW, Lebkowska-Wieruszewska, B. Owen, H.: Poapolathep, A. Tabari, MA. Chea, B. De Vito, V. Giorgi, M. Comparative pharmacokinetic study of the metamizole (dipyrone) metabolites in companion animals. 14th EAVPT, 2018, Wroclaw, Poland.
 20. MA Tabari, MR Youssefi, F Maggi, G Benelli. Natural bioactive compounds as an alternative to

control ectoparasites of veterinary importance. 14th EAVPT, 2018, Wroclaw, Poland.

Books

Scientific editorial of: Basic and Clinical Pharmacology. Bertram G. Katzung et al. 10th edition, 2007. Teimourzadeh Publications, Tehran, Iran.

Translation of: Katzung and Trevor's Pharmacology. Bertram G. Katzung and Anthony J. Trevor. 6th edition, 2008. Teimourzadeh Publications, Tehran, Iran.

Translation of : Laboratory Animal Medicine: principles & procedures, Naeimi S., Arab H.A., Mohammadnezhad S. & Abouhosseini Tabari M., Semnan University Press, Autumn 2015

As one of the authors of Asthma: Basic and Clinical Sciences, by Mostafa Moein and coworkers, Markaz Nashre Daneshgahi, Ministry of Science, research and technology, Tehran, Iran, 2017

Funded Research Projects

1. Antipsychotic potential of carvacrol in ketamine induced model of schizophrenia in mice, 2014
2. Antitrichomonal activity of carvacrol and thymol against *T. gallinae*, 2015
3. Evaluation of anxiolytic effect of bisabolol, possible involvement of serotonergic and GABAergic transmission, 2016
4. Effects of cimetidine on some hematological and immunological parameters in rainbow trout, 2017
5. Farm trial of sulfadiazine-trimetoprim powder of Kian farapars Pharmaceutical company, 2017
6. Farm trial of Oxytetracycline powder of Kian farapars Pharmaceutical company, 2017