

Curriculum Vitae (CV)

Ahmad Mahmoudi

Personal Information

Birth Date: 05 December 1985

Birth place: Zanjan, Qeydar

Status: Male, Single, Iran Citizen

Hometown: Qeydar

Address:

Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Tehran, Iran.

Email: ahmad.mahmoodi1985@gmail.com;
a.mahmoudi.bio@gmail.com

Educational Records

- ✓ **Undergraduate Studies (2004-2008)**
 - **Bachelor of Biology**, Payame Noor University of Zanjan, Zanjan, Iran, GPA: 16.04 out of 20.
- ✓ **Graduate Studies (2009-2011)**
 - **Master of Science in Animal Biosystematics**, Ferdowsi University of Mashhad, Mashhad, Iran, GPA: 17.32 out of 20.
Thesis Title: "Taxonomic study of subgenus *Microtus* (Rodentia; Arvicolinae) in northern Iran based on *cytb* and *cox1* genes and geometric morphometric of lower mandible analyses."
 - **Supervisors:**
Prof. Jamshid Darvish (darvishj2001@yahoo.com)
Dr. Mansour Aliabadian (aliabadi@um.ac.ir)
- ✓ **PhD Student (2012-2017)**
 - **PhD of Animal Biosystematics**, Ferdowsi University of Mashhad, Mashhad, Iran, GPA: 18.93
 - **Thesis Title :** " Taxonomical revision of the morphospecies of the subfamily Arvicolinae Gray, 1821 (Rodentia) in Iran; molecular and morphological approaches
 - **Supervisors:**
Prof. Jamshid Darvish (darvishj2001@yahoo.com)
Dr. Mansour Aliabadian (aliabadi@um.ac.ir)
 - **Advisors:**
Prof. Boris Krystufek (bkrystufek@pms-lj.si)
Dr. Faezeh Yazdani Moghaddam

Curriculum Vitae (CV)

✓ Journal Papers

- Darvish J., Hamidi K and **Mahmoodi A. (2010)**. First record of Zarudny's Jird, *Meriones zarudnyi* Heptner, 1937 (Rodentia: Muridae) in Shirvan, Northeast Iran. *Iranian Journal of Animal Biosystematics* (IJAB). Vol.6, No.2, 67-68.
- Mansour Aliabadian, Vincent Nijman, **Ahmad Mahmoudi**, Mehdi Naderi, Ronald Vonk, Miguel Vences. **(2014)**. ExCalIBAR: a simple and fast software utility to calculate intra- and interspecific distances from DNA barcodes. *Contributions to Zoology*, 83 (1) 79-83. (Impact Factor: 1.844).
- **MAHMOUDI A***, J. DARVISH, AND M. ALIABADIAN **(2014)**. The Karaman vole *Microtus irani karamani* is a new record for Iran (Arvicolinae; *Microtus*). *Iranian Journal of Animal Biosystematics* (IJAB) 10, no. 1.
- **Mahmoudi A**, Darvish J, Aliabadian M. **(2014)**. Evaluating the taxonomic validity of molecular clades within tribe Arvicolini (Mammalia). *Taxonomy and Biosystematic Journal of Isfahan (TBJ)*. (Summary in English).
- Darvish, J., Haddadian, H., Mohammadian, T., Ghanbari, M., **Mahmoudi, A.**, Alaie, N., Barani, H and Molavi, F. **(2014)**. Preliminary study of rodents using pellets of predatory birds in Iran. *Iranian Journal of Animal Biosystematics* (IJAB) 10, no. 1.
- **Mahmoudi* A***, Darvish J., & Aliabadian, M. **(2015)**. Taxonomic identity of *Microtus qazvinensis* Golenishchev et al. 2003 (Rodentia, Arvicolinae) from the northwest of Iran. *Mammal Research*, 60(1), 71-79. (Impact Factor: 1.2)
- **Ahmad Mahmoudi***, Jamshid Darvish, Mansour Aliabadian, Mahmoud Khosravi, Fedor N Golenishchev and Boris Kryštufek. **(2014)**. Chromosomal diversity in the genus *Microtus* at its southern distributional margin in Iran. *Folia Zoologica*, 63. (Impact Factor: 0.592).
- Darvish, J., Mohammadi, Z., Ghorbani, F., **Mahmoudi, A.**, & Dubey, S. **(2015)**. Phylogenetic Relationships of *Apodemus Kaup*, 1829 (Rodentia: Muridae) Species in the Eastern Mediterranean Inferred from Mitochondrial DNA, with Emphasis on Iranian Species. *Journal of Mammalian Evolution*, 1-13. (Impact Factor: 2.357).
- Darvish, J., Mohammadi, Z., **Mahmoudi, A.**, & Siahsarvie, R. **(2015)**. Faunistic and taxonomic study of Rodents from northwestern Iran. *Iranian Journal of Animal Biosystematics*, 10(2), 119-136.
- Kryštufek, B., **Mahmoudi, A.**, Tesakov, A. S., Matějů, J., & Hutterer, R. **(2015)**. A review of bristly ground squirrels Xerini and a generic revision in the African genus *Xerus*. *Mammalia*. (Impact Factor: 0.538).

Curriculum Vitae (CV)

- Haddadian Shad Hamid, Jamshid Darvish, Eskandar Rastegar-Pouyani and **Ahmad Mahmoudi (2016)**. Subspecies differentiation of the house mouse *Mus musculus* Linnaeus, 1758 in Center and east of the Iranian plateau. *Mammalia*. (Impact Factor: 0.538).
- Samira Moshtaghi, Jamshid Darvish, Omid Mirshamsi and **Ahmad Mahmoudi***. (2016). Cryptic species diversity in the genus *Allactaga* (Rodentia: Dipodidae) at the edge of its distribution range. *Folia Zoologica*. (Impact Factor: 0.592).
- **Ahmad Mahmoudi**, Jamshid Darvish, Mansour Aliabadian, Faezeh Yazdani Moghadam, Boris Kryštufek. (2017). New insight into the cradle of the grey voles (subgenus *Microtus*) inferred from mitochondrial cytochrome b sequences. *Mammalia*. (Impact Factor: 0.538).
- Atilla Arslan, Emine Arslan, **Ahmad Mahmoudi**, Anna Bannikova, Boris Kryštufek. (2016). Taxonomic identity of *Chionomys nivalis spitzenbergerae*. *Zoology in the Middle East*. (Impact Factor: 0.628).
- Ehsan Mostafavi, Abdolrazagh Hashemi Shahraki, Alireza Japoni-Nejad, Saber Esmaeili, Jamshid Darvish, Mohammad Mehdi Sedaghat, Ali Mohammadi, Zeinolabedin Mohammadi, **Ahmad Mahmoudi**, Behzad Pourhossein, Ahmad Ghasemi, Miklós Gyuranecz, Elisabeth Carniel. (2017). A field study of plague and tularemia in rodents, Western Iran. *Vector-Borne and Zoonotic Diseases*. (Impact Factor: 1.956).
- **Ahmad Mahmoudi**, Boris Kryštufek, Mansour Aliabadian, Faezeh Yazdani Moghaddam, Jamshid Darvish. All quiet in the East: mitochondrial sequence retrieves *Chionomys layi* as part of *C. nivalis*. (Accepted in *Folia Zoologica*). (Impact Factor: 0.592).

✓ Submitted articles

- **Ahmad Mahmoudi**, Jan Zima, Boris Kryštufek, Jamshid Darvish, Mansour Aliabadian, Atilla Arslan. Systematic relationships within the *Microtus arvalis* group in Iran, inferred from cytogenetic analyses (Submitted to the Journal of *Biologia*) (Impact Factor: 0.322).
- Jamshid Darvish, **Ahmad Mahmoudi***, Abdulwahed Pehpuri, Somayeh Saeidzadeh. New data on distribution and taxonomy of the genus *Suncus* (Mammalia: Soricidae) in Iran; molecular evidence. (Submitted to the *Iranian Journal of Biosystematics*).
- Somayeh Saeedzadeh, Ahdiyeh Mehdipour, Jamshid Darvish, Mansour Aliabadian and **Ahmad Mahmoudi**. New look at the con-specificity of the two shrews, *Crocidura gmelini* and *C. suaveolens* from Iran; geometric morphometrics approach (Submitted to the *Iranian Journal of Biosystematics*).

Curriculum Vitae (CV)

- Nona Moradpour, Hassan Borji, Jamshid Darvish, Ali Moshaverinia and **Ahmad Mahmoudi**. Rodent helminths endo-parasite in different region of Iran. (Submitted to the *European Wildlife research*).
- Ahmad Mahmoudi*, Boris Kryštufek, Jamshid Darvish, Mansour Aliabadian, Fatemeh Tabatabaei Yazdi, Faezeh Yazdani Moghaddam, Franc Janžekovič. Craniometrics is not outdated: a new insight into morphological divergence among cryptic arvicoline species from Iran. (Submitted to *Zoologischer Anzeiger*)

✓ Conference Papers

- **Ahmad Mahmoudi**, Mansour Aliabadian, Jamshid Darvish. “Phylogenetic study of genus *Microtus* (Rodentia, Arvicolinae) with emphasize on genetic species Concept”. The 17th National & 5th International Iranian Biology Conference, 4-6 September 2012, Kerman, Iran.
- Mostafavi E. Hashemi Shahraki A. Japoni-Nejad AR. Esmaeili S. Gouya MM. Darvish J.. Sedaghat MM. Mohammadi A. Mohammadi ZA. **Mahmoudi A.** Pourhossein B. Gyuranecz M. Serological survey of tularemia in rodents in western Iran. DOI: 10.13140/RG.2.1.1579.5929.
- Hashemi Shahraki A. Mostafavi E. Ghasemi A. **Mahmoudi A.** Darvish J. Aliabadian M. Molecular evidences of *Francisella tularensis* in Rodents in Iran. The 16th International and Iranian Congress of Microbiology. 25-27 August 2015. *Shahid Beheshti International Conference Center, Tehran, Iran.*
- Mostafavi E. Hashemi Shahraki A. Japoni-Nejad AR Esmaeili S. Gouya MM. Darvish J. Sedaghat MM. Mohammadi Ali. Mohammadi ZA. **Mahmoudi A.** Pourhossein B. Karimi M. Serological and molecular survey of plague and tularemia in rodents in western Iran. *23rd Iranian congress on infectious diseases and tropical medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran; 01/2015.*
- **Ahmad Mahmoudi**, Jamshid Darvish, Mansour Aliabadian. Molecular study of *Microtus arvalis* (Rodentia: Arvicolinae) based on mitochondrial *cytb* sequences from NW of Iran. *The 17th National & 5th International Iranian Biology Conference, 4-6 September 2012, Kerman, Iran.*
- **Ahmad Mahmoudi**, Mansour Aliabadian, Jamshid Darvish. Phylogeny of subfamily Arvicolinae (Cricetidae, Rodentia): based on mitochondrial and nuclear genes analysis. *The First Conference of DNA Barcoding and Taxonomy, February 01, 2012. Ferdowsi University of Mashhad (FUM), Iran.*
- **Ahmad Mahmoudi**, Hamid Cheshomi, Maryam Allahdadi, Mehrnaz Tavassoli. Philosophical perspective of life on the origin of life and biodiversity. *The first Congress of History, Philosophy and Logic of Biology”. 28 January, 2010. Ferdowsi University of Mashhad. Mashhad, Iran.*

Curriculum Vitae (CV)

- **Ahmad Mahmoudi**, Jamshid Darvish, Mansour Aliabadian. New insight into phylogeography of Altai vole, *Microtus obscurus* (Arvicolinae; Rodentia) inferred from mitochondrial data. *The 18th National & 6th International Iranian Biology Conference, September 2014, Karaj, Iran.*

Workshops

The workshop of Taxidermy, Ferdowsi University of Mashhad, Iran. July 25, 2011.

Basics and Methods of DNA Barcoding. Ferdowsi University of Mashhad, Iran. February 2012.

Field Epidemiology of emerging and reemerging diseases. Institute Pasteur of Iran. Hamedan, Iran. 26-30 May, 2013.

Research interests

- Taxonomy, Molecular Phylogeny, Phylogeography, Conservation, Biodiversity, Geometric Morphometrics. Field expedition.