



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6360

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Oncologia ed Emato-oncologia**

Scientist- in - charge: Prof. Giuseppe Testa

[Mohadeseh Tahami]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Tahami
Name	Mohadeseh

PRESENT OCCUPATION

Appointment	Structure
Postdoctoral researcher	Institute for Molecular Medicine (FIMM), University of Helsinki, Finland

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Specialization	Molecular Biology (5 ECTS)	University of Eastern Finland	(2024, currently undertaking)
Specialization	Introduction to Immunoassays in Diagnostics (1 ECTS)	University of Turku, Finland	(2024, currently undertaking)
PhD	Animal Biosystematics	Shiraz University, Iran	2018
Master	Animal Biosystematics	Shiraz University, Iran	2012
Degree of European specialization	Food Microbial Bioinformatician	Erasmus+	2021
Other	Single Cell RNAseq analysis	Shahid Beheshti University of Medical science, Iran	2023
Other	Advanced cell therapy technology	Cytiva	2022



	Analysis of Transposable Elements	Physalia	2021
	CSC Supercomputing and Data Management for Bioscientists	CSC (Finnish IT Center for Science)	2021

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
Persian	Native
English	Proficient (IELTS Academic: 8.0, CEFR level C1)

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2018	Poster presentation at 23rd International Colloquium on Animal Cytogenetics and Genomics (ICACG), Saint Petersburg State University, Russia, 2018. Nominated as one of the 10 best posters.
2018	Awarded as one of the best accomplished PhD students of Shiraz University (the certificate is only in Farsi)

TRAINING OR RESEARCH ACTIVITY

description of activity	
2013-2013	Researcher at Shahid Bahonar University, Kerman, Iran. Task: 1) Taxonomic identification and labelling of the marine voucher fish collected from Persian Gulf to the Wildlife museum of Shahid Bahonar University 2) teacher's assistant in Zoology II (vertebrates) laboratory course

PROJECT ACTIVITY

Year	Project
2023-current	Postdoctoral researcher, University of Helsinki, Finland Project focus: Virtual screening-based drug repurposing for GPCR-related disease
2020-2022	Postdoctoral researcher, University of Jyväskylä, Finland Project focus: The role of transposable elements in <i>Drosophila montana</i> genome evolution and its adaptation to the cold environments.
2019-2020	Postdoctoral Researcher, University of Oulu, Finland



	Project focus: Species delimitation and evolutionary history of parapatric pair of <i>Melitaea</i> butterflies in Europe
2013-2018	PhD student, Shiraz University, Iran. Project focus: Morphological and molecular variation of cave crickets and a survey of sympatric invertebrate fauna across Iranian Zagros Mountains.
2013-2013	Researcher at Shahid Bahonar University, Kerman, Iran. Project focus: Ecology of fresh water fish fauna within water basins in Kerman province
2010-2012	Master student, Shiraz University, Iran. Project focus: Reproductive biology, food and population dynamic of qanat tailor fish, <i>Alburnoides qanati</i> , in Fars Province, Iran.

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
2022	Oral presentation: An overview of transposable elements in cold-tolerant <i>Drosophila montana</i>	Darwin internal seminar, University of Jyväskylä
2022	Oral presentation: Seeking connection between TEs and adaptation to the cold environments, a case study from <i>Drosophila montana</i>	23rd National Congress on Transposable Elements, Gif-Sur-Yvette, France
2021	Poster presentation: TE landscape of the cold-tolerant <i>Drosophila montana</i>	5th Uppsala Transposon Symposium, Uppsala University (virtual)
2020	Oral presentation: Patterns of genomic structure in parapatry: a case study of <i>Melitaea athalia</i> - <i>Melitaea celadussa</i>	Kaamos internal symposium, University of Oulu, Finland
2018	Poster presentation: mtDNA variation of troglomorphic crickets (Myrmecophilidae: <i>Eremogryllodes</i>), across Zagros Mountains and south of Iran	23rd International Colloquium on Animal Cytogenetics and Genomics (23 ICACG), Saint Petersburg, Russia
2016	Poster presentation: Biodiversity in caves of Kerman Province (in Farsi)	The 19th National and 7th International Congress on Biology, University of Tabriz, Iran
2015	Oral presentation: Circadian clock in cave dwelling animals (in Farsi)	Shiraz University internal seminar
2015	Poster presentation: Feeding Biology of <i>Alburnoides qanati</i> from Kor River Basin (Teleostei: Cyprinidae) (in Farsi)	The Third Conference of Ichthyology, Shiraz University, Iran

PUBLICATIONS

Books



[title, place, publishing house, year ...]

[title, place, publishing house, year ...]

[title, place, publishing house, year ...]

Relevant peer-reviewed articles

Peona et al. (2023) Teaching transposon classification as a means to crowd source the curation of repeat annotation - a tardigrade perspective. bioRxiv 2023.11.06.565293. <https://doi.org/10.1101/2023.11.06.565293>

Joshi M., Espeland M., Dincă V., Vila R., Tahami M.S., et al. (2022) Delimiting continuity: Comparison of target enrichment and double digest restriction-site associated DNA sequencing for delineating admixing parapatric *Melitaea* butterflies. *Systematic Entomology* 47(4): 637-654. <https://doi.org/10.1111/syen.12557>

Tahami M.S., Dinca V., Lee K.M., Vila R. et al. (2021) Genomics reveal admixture and unexpected patterns of diversity in a parapatric pair of butterflies. *Genes* 12, 2009. <https://doi.org/10.3390/genes12122009>

Tahami M.S., Hojat-Ansari M., Namyatova A., Sadeghi S. (2021) Molecular phylogeny of cave dwelling *Eremogryllodes* crickets (Orthoptera, Myrmecophilidae) across Zagros Mountains and Southern Iran. *International Journal of Speleology* 50(2):213-221. <https://doi.org/10.5038/1827-806X.50.2.2360>

Other peer-reviewed articles

Irannezhad M., Tahami M. S., Ahmadi B., Liu J. and Chen D. (2022) Compound climate extreme events threaten migratory birds' conservation in western US. *Sustainable Horizons*, 3, 100023. <https://doi.org/10.1016/j.horiz.2022.100023>

Tahami M.S., Gorochov A.V. and Sadeghi S. (2018) Two new species of cave crickets of the genus *Eremogryllodes* (Orthoptera: Myrmecophilidae: Bothriophylacinae) from Iran. *Zoosystematics Rossica* 27(2): 322-327. <https://doi.org/10.31610/zsr/2018.27.2.322>

Tahami M.S., Esmaili H.R. and Monsefi M. (2018) Reproductive biology of an endemic fish, *Alburnoides qanati* Coad and Boguskaya, 2009 (Teleostei: Cyprinidae) from Southern Iran. *Caspian Journal of Environmental Sciences* 16(2): 135-148. <https://doi.org/10.22124/cjes.2018.2956>

Tahami M.S., Molero R., Gaju M. and Sadeghi S. (2018) Discovery of representatives of the family Nicoletiidae (Insecta: Zygentoma) from caves of Iran, with descriptions of two new supraspecific taxa. *Zootaxa* 4369(2): 253-269. <https://doi.org/10.11646/zootaxa.4369.2.6>

Tahami M.S., Gorochov A.V. and Sadeghi S. (2017) Cave and burrow crickets of the subfamily Bothriophylacinae (Orthoptera: Myrmecophilidae) in Iran and adjacent countries. *Zoosystematics Rossica* 26(2): 241-275. <https://doi.org/10.31610/zsr/2017.26.2.241>

Tahami M.S., Muilwijk J., Lohaj R. and Sadeghi S. (2017) Study of *Laemostenus* species across Zagros and Central zone of Iran, with the description of seven new cavernicolous species and notes on subgenus *Iranosphodrus* (Coleoptera: Carabidae: Sphodrini). *Zootaxa* 4344(1): 115-136. <https://doi.org/10.11646/zootaxa.4344.1.4>

Tahami M.S., Růžička J. and Sadeghi S. (2017) Small carrion beetles (Coleoptera: Leiodidae: Cholevinae) from caves in Iran, with additional taxonomical notes on *Anemadus sengleti* and *Catops farsicus*. *Zootaxa* 4303(4): 509-520. <http://dx.doi.org/10.11646/zootaxa.4303.4.4>

Tahami M.S., Esmaili H.R. and Safaie M. (2015) Population dynamic parameters of the highly endemic fish, *Alburnoides qanati* Coad and Boguskaya 2009, (Teleostei: Cyprinidae) in the Kor River Basin, Iran. *International Journal of Aquatic Biology* 3(2): 119-128. <https://doi.org/10.22034/ijab.v3i2.56>



Congress proceedings
Tahami M.S., Hojat Ansari M., Sadeghi S., Saifitdinova A.F. mtDNA variation of trogliphilic crickets (Myrmecophilidae: Eremogryllodes), across Zagros Mountains and south of Iran, In: Galkina S. and Vishnevskaya M. (2018). 23rd International Colloquium on Animal Cytogenetics and Genomics (23 ICACG), June 9-12 2018, Saint-Petersburg, Russia. Comparative Cytogenetics, 12(3): 299-360.
[title, structure, place, year]
[title, structure, place, year]

OTHER INFORMATION

Article review
Journal Wellcome Open Research (London, GB)
Review identifier: 10.21956/wellcomeopenres.20697.r59310

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: Finland, 02.Feb.2024