



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE: 5515

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 Chimica**

Scientist- in - charge: **Professor Dr. Sara Sattin**

[Mojtaba Tabandeh]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Tabandeh
Name	Mojtaba

PRESENT OCCUPATION

Appointment	Structure
NA	NA

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Bachelor's degree	Applied Chemistry	Azad University (Iran)	Feb. 2003
Specialization			
PhD	Organic Chemistry	University of Malaya (Malaysia)	Sep. 2018
Master	Organic Chemistry	Azad University (Iran)	Jan. 2007
Degree of medical specialization			
Degree of European specialization			
Other			

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
NA	NA	NA



FOREIGN LANGUAGES

Languages	level of knowledge
English	C1
Farsi	Native

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2013-2016	Postgraduate Research Grant (PPP)
2015	Tuition Fee Waiver under International Graduate Research Assistantship Scheme
2014	Tuition Fee Waiver under International Graduate Research Assistantship Scheme
2013	Tuition Fee Waiver under Graduate Research Assistantship Scheme

TRAINING OR RESEARCH ACTIVITY

October 2020-October 2021

Post-Doctoral Research Fellow

Department of Chemistry, University of Malaya, Kuala Lumpur, Malaysia

May 2019-May 2020

Post-Doctoral Research Fellow

Nanotechnology & Catalysis Research Centre, University of Malaya, Kuala Lumpur, Malaysia

November 2015-October 2016

Graduate Research Assistant

Department of Chemistry, University of Malaya, Kuala Lumpur, Malaysia

October 2014-September 2015

Graduate Research Assistant

Department of Chemistry, University of Malaya, Kuala Lumpur, Malaysia

October 2013-September 2014

Graduate Research Assistant

Department of Chemistry, University of Malaya, Kuala Lumpur, Malaysia

March 2013-June 2013

Graduate Research Assistant

Department of Chemistry, University of Malaya, Kuala Lumpur, Malaysia



September 2010-August 2011

Lecturer

Azad University, shiraz, Iran

Covered Courses: General Chemistry; General Chemistry Lab.

January 2009-December 2010

Lecturer

University of Applied, Science and Technology, Kavar, Iran

Covered Courses: General Chemistry; Organic Chemistry (I); General Chemistry Lab; Organic Chemistry Lab; Inorganic Chemistry Lab; Physical Chemistry Lab; Analytical Chemistry Lab; Polymer Chemistry Lab.

September 2004-August 2006

Laboratory Specialist

Azad University, Firoozabad, Iran

November 2014

Training: QQQ LCMS TECHNIQUES AND OPERATION

Department of Chemistry, University of Malaya, Kuala Lumpur, Malaysia

August 2014

Training: NMR TECHNIQUES

University of Malaya, Kuala Lumpur, Malaysia

December 2009

Training: Nanomaterials Production; Usable in Color and Coating

Color Science and Technology Research Center, Ministry of Science, Research and Technology, Tehran, Iran

PROJECT ACTIVITY

Year	Project
2020-2021	Synthesis & Characterization of New Sugar-Based Surfactants from Renewable Resources
2019-2020	Extreme Pressure Additives (As a Collaborative Industrial Project with Oleon Company)
2015-2016	Functionalization of Glycolipid Based Vesicles for Subsequent Receptor Coupling
2013-2014	Chemical & Physical Characterization / Characterization of the Purified Compounds



PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
August 21-24, 2016	Oral Presentation: Mojtaba Tabandeh & Thorsten Heidelberg “Novel Biantennary Glycolipids for Targeting Vesicular Drug Delivery Systems” International Conference in Organic Synthesis (ICOS)	Riverside Majestic Hotel, Kuching, Sarawak, Malaysia
March 3, 2016	Poster Presentation: Mojtaba Tabandeh, Goh Ean Wai & Thorsten Heidelberg “Synthesis of Functionalized Glycolipids for Vesicular Delivery System” UM111-Chemistry Symposium	University of Malaya Kuala Lumpur, Malaysia
March 4-5, 2009	Poster Presentation: Mojtaba Tabandeh, Behrang Sabaeian “Using the Interphase Catalysts Produced by Sol Gel Process in Organic Reactions” National Congress on Modern Findings of Chemistry and Medicine	Azad University Shahre Ray, Iran
May 30-31, 2007	Oral Presentation: Mojtaba Tabandeh & Ramin Rezaei “Ring Opening Reaction of Epoxides with Alkoxide Ions Supported on Silica Gel under Solvent Free Conditions” Iranian National Congress on Chemistry	Azad University Varamin, Iran

PUBLICATIONS

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



Articles in ISI Journals	(h-index: 5)
Salman, A. A., Tabandeh, M., Heidelberg, T., & Duali Hussen, R. S. "Functional glycolipid-crown-ethers by click chemistry". Carbohydrate Research, 2015, 406, 41-45.	
Salman, A. A., Tabandeh, M., Heidelberg, T., Hussen, R. S. D., & Ali, H. M. "Alkyl-imidazolium glycosides: non-ionic–cationic hybrid surfactants from renewable resources". Carbohydrate Research, 2015, 412, 28-33.	
Tabandeh, M., Goh, E. W., Salman, A. A., Heidelberg, T., & Hussen, R. S. D. "Functionalized glycolipids for potential bioconjugation of vesicles". Carbohydrate Research, 2018, 469, 14-22.	
Tabandeh, M., Salman, A. A., Goh, E. W., Heidelberg, T., & Hussen, R. S. D. "Renewable resources-based approach to biantennary glycolipids". Chemistry and Physics of Lipids, 2018, 212, 111-119.	
Sadeghpour, M., Yusoff, R., Aroua M. K., Tabandeh, M. "Modification of polyethylene glycol with choline chloride and evaluation of the CO ₂ absorption capacity of their aqueous solutions". Greenhouse Gases: Science & Technology, 2018, 8(2), 324-334.	
Tabandeh, M., Cheng, C.K., Centi, J., Show, P. L., Chen, W., Ling, T. C., Ong, H. C., Ng, E., Juan, J.C. & Lam, S. S. "Recent advancement of deoxygenation of fatty acids via homogeneous catalysis for biofuel production". Molecular Catalysis, 523, 2022, 111207.	
Tabandeh, M., Heidelberg, T., & Hussen, R. S. D. "Synthesis and characterization of new ethylene oxide-based branched glycolipids and investigation their surfactant properties". Colloids and Surfaces B: Biointerfaces, in preparation.	

Congress proceedings
[title, structure, place, year]
[title, structure, place, year]
[title, structure, place, year]
OTHER INFORMATION
Computer Literacy: ChemBioDraw (Chem Office); SciFinder Scholar; Gauss View 5 / Gaussian 09W; ACD/Labs; TopSpin; Microsoft Office.
Synthetic Skills: Included Purification skills (e.g. Chromatographic Methods, Extraction, Distillation and Recrystallization) & Characterization Skills (e.g. 1D and 2D NMR; IR and MS)

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: _Shiraz (IRAN)_, __27/11/2022__