



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6033

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 Scienze Farmaceutiche**

Scientist- in - charge: **Prof. Pirovano Valentina**

[Mehri Goudarzi]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Goudarzi
Name	Mehri

PRESENT OCCUPATION

Appointment	Structure
Research and development expert	Spod pharayand of sharif, Iran, Tehran, since August 2023

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Bachelor's Degree	Applied Chemistry	Malayer University	2014
Master's Degree	Organic Chemistry	Kharazmi University	2016
PhD	Organic Chemistry	Sharif University of Technology	2022

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
ENGLISH	B2



AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2014	Ranked 5th in B.Sc (3.58 out of 4)
2016	Ranked 1st in M.Sc (3.25 out of 4)
2017	Ranked 13th in Ph.D entrance exam among 1331 participants (2017)

TRAINING OR RESEARCH ACTIVITY

<p>description of activity</p> <p>During my last two years of my undergraduate studies, I was trained in the use of lab equipment and synthetic experimental procedures. Also because of getting excellent scores among other students, I was permitted to take part in calculated chemistry courses, which were held for master students. The results of my efforts presented as posters in the internal congress.</p> <p>Furthermore, I had the opportunity to improve my lab and research skills during my MSc studies. My postgraduate diploma thesis project involved a markovnikov addition reaction of amines to enamides catalyzed by hetero polyphosphotungstic acid (HPW) in Water. The result of the investigation is published in Synthetic Communications.</p> <p>Finally, during my PhD studies, I worked on a project regarding the new methods for the synthesis of <i>N</i>, <i>S</i>-heterocycles and dithiocarbamates using amine derivatives and CS₂. Thus, I gained strong experience in organic synthetic procedures and acquired high skills in spectra interpretation and structure elucidation, using modern analytical methods, such as ¹H-NMR, ¹³C-NMR, GC-MS, UV-Vis and FT-IR. The results of this work are presented among my thesis in peer-reviewed journals (New Journal of Chemistry, Synlett, Synthetic Communications). At the same period, I was selected as head lab and trained master students as well as design their academic projects voluntarily.</p> <p>Currently, I am working as a research and development expert in the field of synthesis of various compounds in a resin company.</p>

PROJECT ACTIVITY

Year	Project
2022	Synthesis and optimisation of Unsaturated Polyester Resins and their Primary Compounds
2018	New Methods for the Synthesis of <i>N</i> , <i>S</i> -Heterocycles and Dithiocarbamates Using Amine Derivatives and CS ₂
2015	Markovnikov Addition Reaction of Amines to Enamides Catalyzed by Hetero Polyphosphotungstic Acid (HPW) in Water

PATENTS

Patent



CONGRESSES AND SEMINARS

Date	Title	Place
2016	11-step total synthesis of (-)-maoecrystal V	Kharazmi University, Tehran, Iran
2021	The Ugi Multicomponent Reaction in Applied Chemistry and the Use of Fluorescent Derivatives as Functional Chromophores	Sharif University of Technology, Tehran, Iran

PUBLICATIONS

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

Articles in reviews
1) C-S bond formation via transition-metal-free coupling reaction of dithiocarbamates by iodine, <i>New J. Chem.</i> , 2023, (under review)
2) A novel and efficient four-component synthesis of chromen-based dithiocarbamate derivatives by homogeneous catalysts under solvent-free. <i>Synth. Commun.</i> , 2021 , 51, 1825.
3) A New Mumm-type Rearrangement with Dithiocarbamates via Isocyanide-Based Multicomponent Reaction under Ultrasound Irradiation: Synthesis of Polysubstituted Pyrrolidine Compounds. <i>New J. Chem.</i> , 2020 , 44, 9699.
4) Utility of <i>N</i> -Bromosuccinimide-H ₂ O Combination as a Green Reagent for Synthesis of <i>N</i> , <i>S</i> -Heterocycles and Dithiocarbamates from Styrenes. <i>Synlett</i> , 2020 , 31, 1823.
5) Alkylation of aromatic amines by tert-enamides: Direct access to protected amins. <i>Synth. Commun.</i> 2017 , 47, 2022.

Congress proceedings
Process in Synthesis of Natural Products, Department of Chemistry, Sharif University of Technology, Tehran, Iran, 2020 .
Oral Communication
Theoretical study of interaction O ₂ gas on the surface of pristine and B-doped of (4, 0) carbon nanotube, graphene and fullerene. The 17th Iranian Seminar of Physical Chemistry, September 2-4, 2015 , Khajeh Nasir Toosi University, Tehran, Iran.
Poster Communication
The theoretical study of adsorption NO on the surface of pristine and Ge- and Si-doped nano carbon plate. The 17th Iranian Seminar of Physical Chemistry, September 2-4, 2015 , Khajeh Nasir Toosi University, Tehran, Iran.
Poster Communication



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.

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Place and date: Mehri Goudarzi, 30/11/2023