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EDUCATION AND TRAINING

PhD

University of szeged [01/09/2018 – Current]

Address: Zrínyi u. 9,, 6720 szeged (Hungary)

<http://www.pharm.u-szeged.hu/english>

- Isolation and purification of plant and mushroom
- HPLC (normal phase, reverse phase)
- TLC (2D-TLC, PTLC)
- Flash chromatography (normal and reverse column)
- Gel chromatography (Size-exclusion chromatography): Sephadex
- Percolation
- Liquid-liquid extraction
- Rotary evaporator

PUBLICATIONS

Isolation and characterization of chemical constituents from the mushroom *Clitocybe nebularis*

[2020]

<http://dx.doi.org/10.35333/jrp.2020.250>

Antioxidant, cytotoxic and antibacterial activity of *Rosmarinus officinalis* L. essential oil against bacteria isolated from urinary tract infection

[2020]

<https://doi.org/10.1016/j.eujim.2020.101192>

Economic procedure for facile and eco-friendly reduction of graphene oxide by plant extracts; a comparison and property investigation

[2019]

<https://doi.org/10.1016/j.jclepro.2019.04.350>

Evaluation of Antimicrobial and Antioxidant Activity of Essential Oil of *Mentha piperita* L.

[2019]

<https://doi.org/10.30699/ijmm.13.3.210>

Bioactivity of Methanolic Leaves and Stem Extracts of *Adiantum capillus-veneris* L. From Southeast of Marivan

[2020]

https://plantproduction.scu.ac.ir/article_15812_0.html?lang=en

Evaluation of phytochemical, cytotoxic, antioxidant and antibacterial activity of *Melissa officinalis* L. from Marivan region

[2020]

http://ecophytochemical.gorganiau.ac.ir/article_673685_en.html

Evaluation of antioxidant and antimicrobial activity of methanolic extract of *Mentha Spicata* leaves

[2019]

https://cell.ijbio.ir/article_1658_0.html?lang=en

Comparative Evaluation of Essential Oil Bioactivities of *Mentha longifolia* L. from Marivan and Qaza An

[2019]

http://jsums.medsab.ac.ir/article_1222.html?lang=en

CONFERENCES AND SEMINARS

69th international congress and annual meeting of the society for medical plants and natural product research (GA)

[Bonn, Germany. (Virtual conference), 06/09/2021 – 08/09/2021]

Pholiols A-D and other triterpenes from *Pholiota populnea* and their activity against colon carcinoma

2nd Symposium of Young Researchers on Pharmacognosy

[Szeged, Hungary, 14/02/2021]

Isolation and characterization of chemical constituents from *Hemipholiota populnea* and their bioactivities

http://publicatio.bibl.u-szeged.hu/21410/1/abstractfuzet_2nd-symposium_2021.pdf

1st Symposium of Young Researchers on Pharmacognosy

[Szeged, Hungary, 25/11/2019]

Mycochemical investigation of mushrooms

18th International & Iranian Congress of Microbiology

[Tehran, Iran , 29/08/2017 – 31/08/2017]

1. Methanol extract of *Mentha piperita* as antimicrobial agent
2. Extract from *Mentha longifolia* as natural antimicrobial

17th International & Iranian Congress of Microbiology

[Tehran, Iran , 25/08/2016 – 28/08/2016]

1. Antimicrobial activity of a native plant extract from southwest of Marivan
2. Antimicrobial activity of the plant extract from Zygophyllaceae family from southwest of Marivan

5th National Congress on Medicinal Plants

[Isfahan, Iran, 18/05/2016 – 19/05/2016]

1. Evaluation of antioxidant property of leaves extract of *Adiantum capillus-veneris* from southeast of Marivan
2. Study of antimicrobial activity of leaves extraction of *Adiantum capillus-veneris* from southeast of Marivan

The First Iranian Congress of Essential Oil

[Kashan, Iran, 10/05/2016 – 11/05/2016]

Antimicrobial activity of essential oils of *Tragopogon dubius* from Southwest of Marivan

2nd International Conference on New Research Achievements in Chemistry & Chemical Engineering

[Tehran, Iran , 2016]

Phytochemistry analysis of leaves extract of *Adiantum capillus-veneris* from southeast of Marivan

WORK EXPERIENCE

Microbiology research analyst

Natural Essential Oil research Institute [01/11/2015 – 21/12/2017]

City: Kashan

Country: Iran

- Evaluation of the antimicrobial activity of the natural product (essential oil, extract, pure compound, medicinal drug, nanoparticle, and etc)
- Antibiogram (Disk Diffusion Method and agar well diffusion method)
- Minimum inhibitory concentrations (MICs)
- Minimum Bactericidal Concentration (MBC)
- Incubation and sterilization of laboratory equipment

PROJECTS

Natural products as potential agents against microbial infections and antimicrobial resistance

[01/09/2020 – Current]

The aim of the current research is to identify plant species and secondary metabolites thereof as potential candidates as antimicrobials for drug research and development.

HONOURS AND AWARDS

Ranked first among MSc students of all departments of Chemistry

University of Kashan [21/12/2017]

Best article in “The First Iranian Congress of Essential Oil”

Natural Essential Oil research Institute [11/05/2016]

Best article in “2nd International Conference on New Research Achievements in Chemistry & Chemical Engineering”

[2016]

Stipendium Hungaricum Scholarship

University of Szeged [01/09/2018]

LANGUAGE SKILLS

Mother tongue(s):

Kurdish

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

German

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Persian

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

DIGITAL SKILLS

Scientific

flash chromatography / Physio and phytochemical Analysis of herbal drugs / High Performance Liquid Chromatography (HPLC) / Green Chemistry / Antioxidant assay / MestreNova / Preparative TLC / Antimicrobial Analysis / ChemDraw Ultra / Solvent extraction and separation / Nanoparticles Synthesis / phytochemical evaluation (Total sugar content, total phenolic content, etc.) / NMR spectrometry / column chromatography / GC-MS

Computer

Google Drive / LinkedIn / Microsoft Word / Microsoft Excel / Microsoft Powerpoint / Operating system Windows

Etc

Zoom / Facebook / Instagram / Skype

DRIVING LICENCE

Driving Licence: B