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I am interested in research in downstream of drug production such as purification of monoclonal antibodies and formulation of different types of biopharmaceuticals.

As my Ph.D. thesis I am working on purification and analysis of Trastuzumab.

Also, I am co-supervisor in the thesis of undergraduate students.

As a Pharm. D., I possess a profound interest in the creation of compounded topical creams and ointments in pharmacy.

EDUCATION

2021 – Present Tabriz - Iran	Ph.D. student in Pharmaceutical Biotechnology department Tabriz University of Medical Science – Faculty of Pharmacy
2015-2020 Tabriz - Iran	Doctor of pharmacy (Pharm.D.) Tabriz University of Medical Science – Faculty of Pharmacy
2010-2014 Khvoy - Iran	Diploma in Farzanegan high school (Specified school for talented students (SAMPAD))

WORK EXPERIENCE

2021 -Present Tabriz- Iran	Teacher assistant in Pharmaceutical biotechnology course to teach Electrophoresis, ELISA and calorimetric protein assay methods for pharmacy students in 2022-2023 (2 semesters). Teacher assistant in Biological products courses to teach the stability of Biological products for pharmacy students in 2022-2023 (2 semester) . Teaching NSAIDs in field apprenticeship training in pharmacy for pharmacy students in 2021-2023 (5 semester).
Oct -June 2020 Khvoy-Iran	Responsible pharmacist (Azerbaijan pharmacy): I had various tasks such as examining drug prescriptions and Counseling the patient on how to take the medicine. Additionally, I was responsible to make combined skin formulations such as creams and ointments.

Honors and Awards

- 1- Obtaining a GPA of 19.5 out of 20 as Diploma GPA (A⁺)
- 2- Obtaining a GPA of 17.6 out of 20 as Pharm. D. GPA.
- 3- 4th place in poetic contest provincial competition in Khvoy city in year 2013
- 4- 5th place in Chemistry provincial competition in Uremia city in year 2012

5- Obtaining grade A in 60 hours Pharmaceutical Biotechnology Master Class in 2022-2023

Trainings and workshops

Trainings:

- 1) General lab skills (making solutions, buffers, ...)
- 2) Strong familiarity with protein characterization techniques such as electrophoresis (SDS-PAGE & Native-PAGE , Calorimetric assays, ...)
- 3) Experience in working with FPLC and HPLC chromatography (Agilent, Kenover and Waters) systems-related software.
- 4) Knowledge and experience in affinity chromatography, Ion-exchange chromatography, Size Exclusion chromatography and hydrophobic interaction chromatography.
- 5) Knowledge and experience in cell culture method
- 6) Familiarity with Bioassay methods such as MTT assay.

Workshops and webinars (attended):

- 1) Familiarity with HPLC workshop (Advanced) in 2021
- 2) Design and QA of pharmaceutical clean room workshop in 2022
- 3) Biosimilar medicine production workshop in 2022
- 4) GMP in cosmetic products workshop in 2022
- 5) The Pharmaceutical Biotechnology Master Class since June 2021 to May 2023
 - Cell culture on industrial scale
 - Familiarity with bioreactors and fermenters
 - Molecular biology of cell, protein synthesis and biochemistry of proteins
 - The production and development of biosimilar drugs in the pharmaceutical industry.
 - Biosimilars and recombinant protein products in the pharmaceutical industry
 - The process of filling and media fill
 - Familiarity with lyophilization and freeze drying process
 - Formulation principles of monoclonal antibodies and other protein products
 - The principles of protein purification and designing the purification process of protein products and monoclonal antibodies
 - Familiarity with the types of filters and filtration methods and working with FPLC
 - Familiarity with the GMP & PIC/S principles

LANGUAGES

Azerbaijani: Mother tongue

Persian: Official Language (Native)

English: Intermediate, (score 65 out of 100 in Ministry of Health Language Examination)

Turkish: Fluent

Arabic : Preliminary

SOFTWARE AND SOFT SKILLS

Time management, In training state of Project management, Multitasking, Team working

PUBLICATIONS

Parvin Akbarzadehlaleh, **Elnaz Alsadat JafarzadehChehraghi**, Karim Shamsasanjan,
Biopharmaceuticals: their stability and storage conditions, Razi Journal of Medical Sciences 2023, 11,
33, 39 (In Persian)

Activities and Interests

Swimming, Aerobics, Yoga and Pilates, Book and Poetry reading, Editing photos and videos