

## Personal Information

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First name, Family name, title Faeze Dorchei, Pharm.D.  
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## Education

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- Sep 2018-present **Ph.D. student**  
Polymer Institute of Slovak academy of sciences, Slovak university of technology  
Topic: Polymeric microcapsules for encapsulation of pancreatic islets in diabetes treatment.
- Sep 2009 – Jun 2015 **Doctor of Pharmacy (Pharm.D.)**  
Kerman University of Medical Sciences, Kerman, Iran  
Supervisor: Prof. Bagher Amirheidari
- Sep 2008 – Jun 2009 **Pre University Certification of Science**  
Farzanegan High School, Mashhad, Iran  
National Organization for Development of Exceptional Talents (NODET, SAMPAD)
- Sep 2005 – Jun 2008 **Diploma in Science**  
Farzanegan High School, Mashhad, Iran  
National Organization for Development of Exceptional Talents (NODET, SAMPAD)

## Research Experience

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- Sep 2012 – Jun 2015 **Graduate Student Researcher (Pharm.D.)**  
School of Pharmacy, Kerman University of Medical Sciences, Kerman, Iran  
Title of thesis: Isolation and molecular identification of a halophilic protease producing actinomycete and evaluating of effective factors for maximal enzyme production  
Advisor: Prof. B. Aminheidary , Dr. H. Froutanfar  
  
Published in **SBMU multidisciplinary pharmacy scientific journal**, Vol 1, No 1 ,2018.

Sep 2010 – Feb 2012

**Student Researcher**

School of Pharmacy, Kerman University of Medical Sciences,  
Kerman, Iran

- Title of project: Formulation of Glycyrrhizin and in vitro characterization of glycyrrhizin niosomes
- Advisor: Dr. M. Mehrabani, Dr. A. Pardakhty

Feb 2013-Feb 2014

**Student Researcher**

School of Pharmacy, Kerman University of Medical Sciences,  
Kerman, Iran

- Title of project: Formulation and physicochemical evaluation of effervescent antacid tablets
- Advisor: Dr. P. Khazaeli, Dr. Gh, Dehghan

**Work Experiences**

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2013-2018

Experiences in pharmacy

2014-2015

Experience in a pharmaceutical company (Behestan distribution Company)

2017-2018

Experience in a pharmaceutical company( Paizan Tejarat import company)

**Key Skills & Activities**

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Languages

English, Persian

Expertise and  
Research Interests

- Design and preparation of the drug delivery systems
- Release study
- Design and development of hydrogels and microcapsules for cell and drug delivery
- Physico-chemical characterization of hydrogels and microspheres
- Confocal laser scanning microscopy
- Cell culturing, counting and staining
- Handling Rats and mice such as Surgery, Injection, Decapitation
- Handling ELISA Analysis Kits
- Enzyme biotechnology
- Familiar with different software packages

- Memberships of scientific societies
- Member of Student research center, Kerman University of Medical Science
  - Member of Medical Council of Iran
  - Member of Young Scientist Council of Slovak Academy of Science

### Awards

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| 2009      | Top 1% of Country, Ranked 700th among about 300,000 High School Students, Nationwide University Entrance Exam in Science, Iran. |
| 2008      | Qualified in Iran National Biology Olympiad for High school students  |
| 2007      | Qualified in Basij Iran National Biology Olympiad for High school students, Tehran.   |
| 2009-2015 | Scholarship, Kerman University of Medical Science.  |
| 2012      | 1st place, swimming Competition for Kerman University of Medical Science student, Kerman  |

### Conferences

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Member of Executive Team for 15th seminar of Iranian pharmacy students, 13-15 Oct 2010, Kerman University of Medical Science student, Kerman, Iran.

Amin Mohammadi, FAEZE DORCHEI, Payam Khazaeli, Abbas Pardakhty, Formulation and physicochemical evaluation of Diethyltoluamide niosomes. In the 16<sup>th</sup> Seminar of Iranian pharmacy students 15-17 Oct 2011, Tehran University of Medical Science, Tehran, Iran.

Hossein Alirezaiee, FAEZE DORCHEI, Mitra Mehrabani, Abbas Pardakhty, Formulation and in vitro characterization of glycyrrhizin niosomes, In the 1<sup>st</sup> International Congress of cosmetic and pharmaceuticals, 7-9 May 2012, Isfahan University of Medical Science, Isfahan, Iran.

Hossein Alirezaiee, FAEZE DORCHEI, Mitra Mehrabani, Abbas Pardakhty, Formulation and in vitro characterization of glycyrrhizin niosomes, In the 17<sup>th</sup> seminar of Iranian pharmacy students, 7-9 Nov 2012, Kermanshah University of Medical Science, Kermanshah, Iran.

FAEZE DORCHEI, Bagher Amir heidari, Hamid Forootanfar, Mojtaba Shakibaei, Isolation and molecular identification of a halophilic protease producing actinomycete and evaluating of effective factors for maximal enzyme production, In the 15<sup>th</sup> International & Iranian Congress of Microbiology, 2013, Tehran University of Medical Science, Tehran, Iran.

FAEZE DORCHEI, Bagher Amir Heidari, Hamid Forootanfar, Mojtaba Shakibaei, Isolation and molecular identification of a halophilic protease producing actinomycete and evaluating of

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effective factors for maximal enzyme production, In the 18<sup>th</sup> Seminar of Iranian pharmacy students, 15-17 Oct 2014, Tabriz University of Medical Science, Tabriz, Iran.

Sasan Khadem Nematollahi, FAEZE DORCHEI, Payam Khazaeli, Gholamreza Dehghan Noudeh, Formulation and physicochemical evaluation of effervescent antacid tablets, in the 15<sup>th</sup> Annual research congress of Iranian medical student, OCT 2014, Mazandaran University of Medical Science, Sari, Iran.

FAEZE DORCHEI, Bagher Amirheidari, Hamid Forootanfar, Mojtaba Shakibaei, Isolation and molecular identification of a halophilic protease producing actinomycete and evaluating of effective factors for maximal enzyme production, 1<sup>st</sup> International Congress on pharmaceutical updates, 7-9 Feb 2018, Shahid Beheshti University of Medical Science, Tehran, Iran.

10th Microencapsulation Training School, Trondheim, Norway - September 18-21, 2018

DORCHEI, Faeze - HEYDARI, Abolfazl - SMOLÍČEK, Maroš - TREĽOVÁ, Dušana - KLEŠČÍKOVÁ, Lucia - KRONEKOVÁ, Zuzana - UHELSKÁ, Lucia - PELACH, Michal - KRONEK, Juraj - RAUS, Vladimír - CHORVÁT, Dušan Jr. - LACÍK, Igor. Cationic and zwitterionic polymers used for coating of multicomponent polyelectrolyte complex-based microcapsules designed for islet encapsulation. In BYPoS : conference book. - Bratislava: Young Scientist Council of Polymer Institute SAS, 2019, p. 44. ISBN 978-80-89841-09-7. (BYPoS 2019 : Bratislava Young Polymer Scientists conference). Type: AFH

DORCHEI, Faeze - HEYDARI, Abolfazl - SMOLÍČEK, Maroš - TREĽOVÁ, Dušana - KLEŠČÍKOVÁ, Lucia - KRONEKOVÁ, Zuzana - UHELSKÁ, Lucia - PELACH, Michal - KRONEK, Juraj - RAUS, Vladimír - CHORVÁT, Dušan Jr. - LACÍK, Igor. Post-modification of PMCG microcapsules by coating with charged polymers. In 11th Training school on Microencapsulation: book of abstracts and programme. – Loughborough, UK: Bioencapsulation Research Group & Loughborough University, 2019, p. 205. Type: AFG

DORCHEI, Faeze - HEYDARI, Abolfazl - KRONEKOVÁ, Zuzana - KRONEK, Juraj - PELACH, Michal - CSERIOVÁ, Zuzana - RAUS, Vladimír - OBERHOLZER, José - RIOS, Peter - MCGARRIGLE, James - GHANI, Sofia - JOSHI, Ira - ISA, Douglas - CHORVÁT, Dušan - LACÍK, Igor\*\*. Multicomponent alginate-based microcapsule post-modified with various polyelectrolytes: Impact on characteristics and in vivo response. In Polymer Meeting 14 : book of abstracts. - Graz : Verlag der Technischen Universität Graz, 2021, p. [P-11]. ISBN 978-3-85125-844-8. Typ: AFG

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## Hobbies

Swimming, Skiing, Cycling, Roller Skating, Watching movies