

CURRICULUM VITAE

Name: Fatemeh Ghorbani-Bidkorpheh
Birth data: 14 March 1980, Tehran, Iran

Address: Department of Pharmaceutics and Pharmaceutical Nanotechnology, School of Pharmacy, Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran.

Valiasr Ave., Niayesh Junction, PO Box: 14155-6153, Tehran, Iran.
<http://www.sbm.ac.ir/index.jsp?fkeyid=&siteid=93&pageid=12807>

Phone: +98 21-88200212 , +989123838460

Email: f.ghorbani@sbmu.ac.ir
ghorbanibidkorpheh@gmail.com



EDUCATION

Medical Education Master student, Virtual University of Medical Sciences, Iran 2016-present

Postdoc in Börje Sellergren group in Dortmund university, Dortmund, Germany. Sep 2010- Sep2011

Projects:

- 1-Water treatment by molecularly imprinted materials, WATERMIM European Project.
- 2- German/Italian cooperation project between University of Lecce and TU-Dortmund on molecular imprinted magnetic and silica nanoparticles for recognition and sensing of serotonin involving the preparation of core-shell molecularly imprinted polymer via reversible addition-fragmentation chain transfer polymerization (continuing the cooperation after leaving Germany).

Ph.D. in Pharmaceutics, School of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran (Top student: 18.33/20). Sep 2005- Aug2010

Supervisors: Prof. Rasoul Dinarvand and Prof. Saeed Shahrokhian

Thesis title: Design, construction and application of electrochemical sensors for the determination of some pharmaceutical drugs in bulk form, finished products and biological fluids

Pharm.D. Islamic Azad University of Pharmaceutical Sciences, Faculty of Pharmacy, Tehran, Iran (Top student: 18.72/20). Feb1999- Oct 2004

Supervisor: late Prof. Javad Farid

Thesis title: Preparation and evaluation of anion exchange resin in theophylline sustained release drug delivery system

RESEARCH INTRESTS

- Design and construction of electrochemical sensors and applications in pharmaceutical analysis
- Molecular imprinted polymer synthesis in bulk and nano-sized and applications in separation, pharmaceutical analysis , sensor design and drug delivery systems
- Graphene oxide, Magnetic Nanoparticles, and Metal Organic Frameworks (MOF) synthesis and applications in separation, pharmaceutical analysis, sensor design and drug delivery systems
- Lab-on-a-chip design, construction and applications in pharmaceutical sciences

HONORS

- Top student in PhD, 2010
- Ranking first in PhD entrance exam, 2005.
- Top student of the year 2004 in Pharm. D.
- Top student of university and 3rd student of Iran in national board of pharmacy, 2001.
- Award of first duration of Iranian Traditional Medicine, 2006.
- Member of *National Elites Foundation* as *Top Graduate of Education, Research and Innovation*, 2012.
- “Dr. **Kazemi Ashtiani**” Research Grant Award for **Young Assistant Professor** from *National Elites Foundation*, 2014.

WORK EXPERIENCE

- Assistant Professor, Department of Pharmaceutics and Pharmaceutical Nanotechnology, School of Pharmacy, Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran, June 2013- present.
- Secretary of Technology and Innovation Committee in National Institute for Medical Research Development (NIMAD), June 2017-June 2019.
- Member of Technology and Innovation Committee in National Institute for Medical Research Development (NIMAD), June 2019-present.
- Virtual Education Office Responsible, Faculty of Pharmacy, SBMU, September 2016- present.
- Education office manager, Faculty of Pharmacy, SBMU, 2014- 2016.
- Lecturer, Nanotechnology and Pharmaceutics Departments, Islamic Azad University of Pharmaceutical Sciences, April 2012- June 2013.
- Consultant in Afachemie & Tehranchemie pharmaceutical companies, Nov 2011- Aug 2015.
- Lecturer of Physical Pharmacy and Pharmaceutical Dosage Forms in Newaria Institute, Tehran, Iran, 2006- 2013.
- Teaching Assistant, Dosage forms and Cosmetics lab, Tehran University of medical sciences, 2005- 2006.
- Working in pharmaceutical company, Daru Darman Pars, as researcher, 2004.

PUBLICATIONS

1- Mohammadi A, Rezanour N, Ansari Dogahneh M, Ghorbani Bidkorbeh F, Hashem M, Walker RB, A stability-indicating high performance liquid chromatographic (HPLC) assay for the simultaneous determination of atorvastatin and amlodipine in commercial tablets, Journal of Chromatography B, 2007; 846 (1-2) , 215-221.

- 2- Ghalkhani M., Shahrokhian S. and Ghorbani-Bidkorbeh F., Voltammetric studies of sumatriptan on the surface of pyrolytic graphite electrode modified with multi-walled carbon nanotubes decorated with silver nanoparticles, *Talanta*, 2009; 80(1), 31-38.
- 3- Ghorbani-Bidkorbeh F, Shahrokhian S, Mohammadi A, Dinarvand R, Electrochemical determination of naltrexone on the surface of glassy carbon electrode modified with nafion-doped carbon nanoparticles: application to determinations in pharmaceutical and clinical preparations, *Journal of Electroanalytical Chemistry*, 2010; 638, 212–217 (Chosen as top 25 hottest articles in Jan to March 2010 in Sciencedirect).
- 4- Ghorbani-Bidkorbeh F, Shahrokhian S, Mohammadi A, Dinarvand R, Simultaneous determination of acetaminophen and tramadol in pharmaceutical and clinical preparations using glassy carbon electrode modified with carbon nanoparticles, *Electrochimica Acta*, 2010; 55 (8) 2752-2759.
- 5- Ghorbani-Bidkorbeh F, Shahrokhian S, Mohammadi A, Dinarvand R, Preparation of a Naltrexone HCl potentiometric sensor and its application to pharmaceutical analysis and drug determinations in biological fluids, *J of Food and Drug Analysis*, 2011; 19(4), 445-451.
- 6- Shahrokhian S, Ghorbani-Bidkorbeh F, Mohammadi A, Dinarvand R, Electrochemical study of Mercaptopourine using carbon paste electrode modified with CoSalophen complex and its application in pharmaceutical and clinical preparations, *J of Solid State Electrochemistry*, 2012; 16 (4) 1643-1650.
- 7- Picca R. A., Malitesta C., Mohammadi R. , Ghorbani F., and Sellergren B. , Novel Format of Molecularly Imprinted Polymers for the Development of Electrochemical Sensors, chapter 29 in *Sensors, Lecture Notes in Electrical Engineering*, Springer, 2014; 162, 165-169.
- 8- Shahrokhian S, Ghalkhani M, Bayat M, Ghorbani-Bidkorbeh F. Voltammetric behavior and determination of trace amounts of omeprazole using an edge-plane pyrolytic graphite electrode. *Iranian Journal of Pharmaceutical Research*, 2015; 14 (2), 465-471.
- 9- Jafariazar Z, Jamalnia N, Ghorbani-Bidkorbeh F, Mortazavi A, Design and Evaluation of Ocular Controlled Delivery System for Diclofenac Sodium, *Iranian Journal of Pharmaceutical Research* 2015; 14, 23-31.
- 10- Ghorbani-Bidkorbeh F, Electrochemical Sensors and Biosensors Represent Very Promising Tools in Pharmaceutical Sciences, *Iranian Journal of Pharmaceutical Research*, 2015; 14 (3), 663-664.
- 11- Asadian E, Shahrokhian S, Zad AI, Ghorbani-Bidkorbeh F. Glassy carbon electrode modified with 3D graphene–carbon nanotube network for sensitive electrochemical determination of methotrexate, *Sensors and Actuators B*, 2017, 239 617–627.

- 12- Pashaei Y, Ghorbani-Bidkorpbeh F, Shekarchi M. Superparamagnetic graphene oxide-based dispersive-solid phase extraction for preconcentration and determination of tamsulosin hydrochloride in human plasma by high performance liquid chromatography-ultraviolet detection. *Journal of Chromatography A*. 2017 May 26;1499:21-9.
- 13- Ghorbani-Bidkorpbeh F. Molecular Imprinting of Peptides and Proteins. *Trends in Peptide and Protein Sciences*. 2017;1(3):99-108.
- 14- Chimerad Mohammadreza, Pishbin Esmail, Asiaei Sasan, Ghorbani Bidkorpbeh, Fatemeh Eghbal Manochehr, The Effect of Geometrical and Fluid Kinematic Parameters of a Microfluidic Platform on the Droplet Generation, 2017, IEEE 24th National and 2nd International Iranian Conference on Biomedical Engineering (ICBME).
- 15- Soroush H, Ghorbani-Bidkorpbeh F, Mortazavi SA, Mehramizi A. Formulation optimization and assessment of dexamethasone orally disintegrating tablets using Box-Behnken design. *Iranian Journal of Pharmaceutical Research: IJPR*. 2018;17(4):1150-1163.
- 16- Fallah N, Siavashy S, Ghaemian N, Bahramian F, Ghorbani-Bidkorpbeh F. Peptide and protein interaction prediction and intervention with computational methods. *Trends in Peptide and Protein Sciences*. 2017 Jan 1;2(1):8-14.
- 17- Karimi A, Erfan M, Mortazavi SA, Ghorbani-Bidkorpbeh F, Kobarfard F, Shirazi FH. Functionalisation of carbon nanotubes by methotrexate and study of synchronous photothermal effect of carbon nanotube and anticancer drug on cancer cell death. *IET nanobiotechnology*. 2018 Aug 29;13(1):52-7.
- 18- Ghalkhani M, Ghelichkhania F, Ghorbani-Bidkorpbeh F. Study and optimization of the necessary conditions for the sensitive determination of the lead ion by a modified carbon paste electrode in environmental water samples. *Iranian journal of pharmaceutical research: IJPR*. 2018;17(Suppl2):44.
- 19- Ghalkhani M, Ghorbani-Bidkorpbeh F. Development of Carbon Nanostructured Based Electrochemical Sensors for Pharmaceutical Analysis. *Iranian Journal of Pharmaceutical Research: IJPR*. 2019;18(2):658.
- 20- Raeisi M, Ghorbani Bidkorpbeh F, Hashemi M, Tepe B, Moghaddam Z, Aman Mohammadi M, Noori SM. Chemical composition and antibacterial and antioxidant properties of essential oils of *Zataria multiflora*, *Artemisia deracunculus* and *Mentha piperita*. *Medical Laboratory Journal*. 2019 Mar 10;13(2):1-7.
- 21- Asiaei S, Fakhari S, Pishbin E, Ghorbani-Bidkorpbeh F, Eghbal M, Navidbakhsh M. Demonstration of an efficient, compact and precise pumping method by centrifugal inertia for lab on disk platforms. *Journal of Micromechanics and Microengineering*. 2019 May 13;29(7):075001.

- 22- Tabarzad M, Ghorbani-Bidkorbeh F, Hosseinabadi T. Improved Silymarin Characteristics for Clinical Applications by Novel Drug Delivery Systems. *Novel Drug Delivery Systems for Phytoconstituents*. 2019 Jul 23:195.
- 23- Karimi A, Erfan M, Mortazavi SA, Ghorbani-Bidkorbeh F, Landi B, Kobarfard F, H Shirazi F. The Photothermal Effect of Targeted Methotrexate-Functionalized Multi-Walled Carbon Nanotubes on MCF7 Cells. *Iranian Journal of Pharmaceutical Research*. 2019 Dec 1;18(Special Issue):221-36.
- 24-Chimerad MR, Asiaei SA, Moghadasi H, Ghorbani-Bidkorbeh F. Empirical study of Geometrical and Fluidic Parameters on Size of Droplets in Microfluidic Devices with Flow-Focusing Confinement. *JOURNAL OF MECHANICAL ENGINEERING*,[online]. 2020 Jan 1;50(3):92.
- 25- Sümbelli Y, Keçili R, Ghorbani-Bidkorbeh F, Hussain CM. Lab-on-chip for chromatographic techniques. In *Handbook on Miniaturization in Analytical Chemistry 2020 Jan 1* (pp. 129-137). Elsevier.
- 26- Ünlüer ÖB, Ghorbani-Bidkorbeh F, Keçili R, Hussain CM. Future of the modern age of analytical chemistry: Nanominiaturization. In *Handbook on Miniaturization in Analytical Chemistry 2020 Jan 1* (pp. 277-296). Elsevier.
- 27- Keçili R, Ghorbani-Bidkorbeh F, Dolak İ, Hussain CM. Era of nano-lab-on-a-chip (LOC) technology. In *Handbook on Miniaturization in Analytical Chemistry 2020 Jan 1* (pp. 1-17). Elsevier.
- 28- M Tabarzad, F Ghorbani-Bidkorbeh, Dendrimers formulations to enhance skin drug delivery in *Dendrimer-Based Nanotherapeutics*, 399-416. Elsevier.
- 29- M Tabarzad, F Ghorbani-Bidkorbeh, T Hosseinabadi, Dendrimers as anti-inflammatory prodrugs in *Dendrimer-Based Nanotherapeutics*, 417-434. Elsevier.
- 30- Hussain CM, Dolak İ, Ghorbani-Bidkorbeh F, Keçili R. Smartphone: A new perspective in analysis. In *Smartphone-Based Detection Devices 2021 Jan 1* (pp. 1-18). Elsevier.
- 31- Keçili R, Ghorbani-Bidkorbeh F, Dolak İ, Canpolat G, Hussain CM. Smartphone-based optical and electrochemical sensing. In *Smartphone-Based Detection Devices 2021 Jan 1* (pp. 19-36). Elsevier.
- 32- Keçili R, Ghorbani-Bidkorbeh F, Altıntaş A, Hussain CM. Future of smartphone-based analysis. In *Smartphone-Based Detection Devices 2021 Jan 1* (pp. 417-430). Elsevier.
- 33- Asadian E, Ahmadi M, Keçili R, Ghorbani-Bidkorbeh F. Emerging Metal-Organic Framework Nanomaterials for Cancer Theranostics. In *Cancer Nanotheranostics 2021* (pp. 231-274). Springer, Cham.

- 34- Hatamabadi D, Mostafiz B, Beirami AD, Banan K, Moghaddam NS, Afsharara H, Keçili R, Ghorbani-Bidkorbeh F. Are molecularly imprinted polymers (MIPs) beneficial in detection and determination of mycotoxins in cereal samples?. *Iranian Journal of Pharmaceutical Research: IJPR*. 2020;19(4):1.
- 35- Raeisi M, Hashemi M, Aminzare M, Ghorbani Bidkorbeh F, Ebrahimi M, Jannat B, Tepe B, Noori SM. Effects of sodium alginate and chitosan coating combined with three different essential oils on microbial and chemical attributes of rainbow trout fillets. *Journal of Aquatic Food Product Technology*. 2020 Mar 15;29(3):253-63.
- 36- Ahmadi M, Siavashy S, Ayyoubzadeh SM, Kecili R, Ghorbani-Bidkorbeh F. Controllable Synthesis of Polymeric Micelles by Microfluidic Platforms for Biomedical Applications: A Systematic Review. *Iranian Journal of Pharmaceutical Research: IJPR*. 2021;20(2):229.
- 37- Ahmadi M, Ayyoubzadeh SM, Ghorbani-Bidkorbeh F, Shahhosseini S, Dadashzadeh S, Asadian E, Mosayebnia M, Siavashy S. An investigation of affecting factors on MOF characteristics for biomedical applications: A systematic review. *Heliyon*. 2021 Apr 1;7(4):e06914.
- 38- Siavashy S, Soltani M, Ghorbani-Bidkorbeh F, Fallah N, Farnam G, Mortazavi SA, Shirazi FH, Tehrani MH, Hamedei MH. Microfluidic platform for synthesis and optimization of chitosan-coated magnetic nanoparticles in cisplatin delivery. *Carbohydrate Polymers*. 2021 Aug 1;265:118027.
- 39- Keçili R, Ghorbani-Bidkorbeh F, Dolak I, Canpolat G, Karabörk M, Hussain CM. Functionalized magnetic nanoparticles as powerful sorbents and stationary phases for the extraction and chromatographic applications. *TrAC Trends in Analytical Chemistry*. 2021 Oct 1;143:116380.
- 40- Agrawal A, Keçili R, Ghorbani-Bidkorbeh F, Hussain CM. Green miniaturized technologies in analytical and bioanalytical chemistry. *TrAC Trends in Analytical Chemistry*. 2021 Oct 1;143:116383.
- 41- Mostafiz B, Bigdeli SA, Banan K, Afsharara H, Hatamabadi D, Mousavi P, Hussain CM, Keçili R, Ghorbani-Bidkorbeh F. Molecularly imprinted polymer-carbon paste electrode (MIP-CPE)-based sensors for the sensitive detection of organic and inorganic environmental pollutants: A review. *Trends in Environmental Analytical Chemistry*. 2021 Dec 1;32:e00144.
- 42- Banan K, Hatamabadi D, Afsharara H, Mostafiz B, Sadeghi H, Rashidi S, Beirami AD, Shahbazi MA, Keçili R, Hussain CM, Ghorbani-Bidkorbeh F. MIP-based extraction techniques for the determination of antibiotic residues in edible meat samples: Design, performance & recent developments. *Trends in Food Science & Technology*. 2022 Jan 1;119:164-78.
- 43- Banan K, Ghorbani-Bidkorbeh F, Afsharara H, Hatamabadi D, Landi B, Keçili R, Sellergren B. Nano-sized magnetic core-shell and bulk molecularly imprinted polymers for selective extraction of amiodarone from human plasma. *Analytica Chimica Acta*. 2022 Jan 28:339548.

- 44- Masoudifar R, Pouyanfar N, Landi B, Ahmadi M, Ghorbani-Bidkorpbeh F, Elham Asadian, Metal-Organic Frameworks as Active Targeting Delivery Systems, under review.
- 45- Safarzadeh M, Mohammadi-Yeganeh S, Ghorbani-Bidkorpbeh F, Hajimollahoseini M, Chitosan based nanoformulation expressing miR-155 as a promising adjuvant to enhance Th1-biased immune responses, under review.
- 46- Siavashy S, Soltani M, Ahmadi M, Landi B, Ghorbani Bidkorpbeh F, A Comprehensive Review of One Decade of Microfluidic Platforms Applications in Synthesis of Enhanced Carriers Utilized in Controlled Drug Delivery, under review.
- 45- Yoosefi S, Esfandyari-Manesh M, Ghorbani-Bidkorpbeh F, Ahmadi M, Moraffah F, Dinarvand R, Novel Biodegradable Molecularly Imprinted Polymer Nanoparticles for Drug Delivery of Methotrexate Anti-Cancer; Synthesis, characterization and cellular studies, under review.
- 46- Pouyanfar N, Zare Harofte S, Soltani M, Siavashy S, Asadian E, Ghorbani-Bidkorpbeh F, Kecili R, Hussain CM, Artificial intelligence-based microfluidic platforms for the sensitive detection of environmental pollutants: Recent advances and prospects, under review.
- 47- Bahramian F, Movahedi S, Siavashy S, Asadian E, Kecili R, CM Hussain, Ghorbani-Bidkorpbeh F, Artificial Intelligence-Based Microfluidic Devices for Analytical and Bioanalytical Applications, under review.
- 48- Landi B, Ghorbani-Bidkorpbeh F, Kamran Banan, Kobarfard F, Synthesis and Characterization of Molecularly Imprinted nanoparticles for efficient, rapid and selective Extraction and Separation of Zolpidem, under review.
- 49- Ahmadi M, Borhan A, Ghorbani-Bidkorpbeh F, Sefat F, Shahbazi MA, Nano-targeted drug delivery approaches for bacterial infections in “Emerging Nanomaterials and Nano-based Drug Delivery Approaches to Combat Antimicrobial Resistance”, under production.
- 50- Tabarzad M, Mohit E, Ghorbani-Bidkorpbeh F, Nano-vaccines delivery approaches against infectious diseases in “Emerging Nanomaterials and Nano-based Drug Delivery Approaches to Combat Antimicrobial Resistance”, under production.
- 51- Asadian E, Masoudifar R, Pouyanfar N, Ghorbani-Bidkorpbeh F, Nanotechnology-based therapies for skin wound regeneration in “Emerging Nanomaterials and Nano-based Drug Delivery Approaches to Combat Antimicrobial Resistance”, under production.

• *Presentations*

1- Shakeri N, Ghorbani Bidkorbeh F, Houshdar Tehrani MH, Shahhosseini S, Ghasemi P, Design, synthesis, and characterization of carnosine-conjugated Paclitaxel with a potential enhancement of paclitaxel efficacy on brain tumors, 5th Interntainal Congress of Pharmacy updates 2022, Feb 2022, Tehran, Iran.

2- 3Anvari Z, Ghorbani Bidkorbeh, Moghimi HR, Preparation of a protectant sunscreen against environmental pollution, 5th Interntainal Congress of Pharmacy updates 2022, Feb 2022, Tehran, Iran.

3- Sharafi Tafreshi Moghadam N, Mortazavi SA, Ghorbani Bidkorbeh F, Mahboubi A, Preparation and physicochemical evaluation of cosmeceutical stick formulation containing Salicylic acid for acne treatment, 5th Interntainal Congress of Pharmacy updates 2022, Feb 2022, Tehran, Iran.

4- Ahmadi M, Ghorbani-Bidkorbeh F, Shahhosseini S, Dadashzadeh S, Asadian E, Mosayebnia M, Radiolabeling of metal-organic frameworks (MOFs) with technetium-99m, 5th Interntainal Congress of Pharmacy updates 2022, Feb 2022, Tehran, Iran.

5- Mohammadian M, Hosseinabadi T, Ghorbani-Bidkorbeh F, Mortazavi SA, Preparation and Physicochemical Evaluation of Emulgel Formulation Containing Peel Extract and Seed Oil of *Punica granatum*, 8th Medical Students International Research Congress, Aug 2021, Gonabad, Iran.

6- Jafari S, Ghorbani-Bidkorbeh F, Formulation and Physicochemical Characterization of Stable Gel Containing *Ziziphus Jujuba* Fruit Extract, 4th Interntainal Congress of Pharmacy updates 2021, Feb 2021, Tehran, Iran.

7- Bahrami F, Ghorbani-Bidkorbeh F, Preparation and Evaluation of a Topical Gel Formulation of *Salvia officinalis* Aerial Branches and *Calendula officinalis* Flowers Extracts, 4th Interntainal Congress of Pharmacy updates 2021, Feb 2021, Tehran, Iran.

8- Goudarzian T, Ghorbani Bidkorbeh F, Mahboubi A, Emadi F, Design and Evaluation of a Topical Wound Healing Gel Formulation of *Myrtus communis* Fruit, 3th Interntainal Congress of Pharmacy updates 2020, Feb 2020, Tehran, Iran.

9- Ghorbani Bidkorbeh F, Microfluidics Applications in Pharmaceutical Sciences, invited speaker, Interntainal Congress of Pharmacy updates 2020, Feb 2020, Tehran, Iran.

10- Banan K, Ghorbani Bidkorbeh F, Sellergren B, Extraction and separation of Amiodarone using core shell magnetically molecularly imprinted polymers, 22nd Iranian Pharmacy student Seminar, Apr 2019, Zanjan, Iran.

11- Talaei S, Jafari N, Asadian E, Bavand Savadkouhi M, Ghorbani-Bidkorbeh F, Synthesis and characterization of magnetic graphene oxide nanosheets as dispersive solid phase extraction

sorbent for determination of Allopurinol, 2nd Internatinal Congress of Pharmacy updates 2019, Feb 2019, Tehran, Iran.

12- Ezzati A, Hajinejad B, Jafariazar Z, Mortazavi SA, Ghorbani Bidkorpheh F, Study of Drug Distribution and Release Mechanisms in Naproxen Loaded Solid Lipid Nanoparticles, Internatinal Congress of Pharmacy updates 2019, Feb 2019, Tehran, Iran.

13- Siavashy S, Fallah N, soltani M, Ghorbani-Bidkorpheh F, Preparation and characterization of Bosentan nanoparticles by using Microfluidic approach, Internatinal Congress of Pharmacy updates 2019, Feb 2019, Tehran, Iran.

14- Fattahi E, Moghimi HR, Ghorbani-Bidkorpheh F, Study on the effects of drug physicochemical properties in drug delivery to burnt tissue through microneedle, Internatinal Congress of Pharmacy updates 2019, Feb 2019, Tehran, Iran.

15- Daryab M, Moadabi MA, Mahboubi M, Ghorbani bidkorpheh F, Mortazavi SA, Preparation of chlorhexidine dental gel, physicochemical evaluation and antimicrobial effects, 20th Iranian Pharmacy student Seminar, Apr 2017, Tehran, Iran.

16- Chimerad MR, Pishbin E, Asiaei S, Ghorbani Bidkorpheh F, The Effect of Geometrical and Fluid Kinematic Parameters of a Microfluidic Platform on the Droplet Generation, IEEE 24th National and 2nd International Iranian Conference on Biomedical Engineering (ICBME), Nov 2017, Tehran, Iran.

17- Talaei S, Jafari N, Bavand Savadkouhi M, Asadian E, Ghorbani-Bidkorpheh F, Synthesis and characterization of magnetic graphene oxide nanosheets as dispersive solid phase extraction sorbent for determination of sumatriptan, International Congress on Biopharma 2018, Dec 2018, Tehran, Iran.

18- Ezzati A, Hajinejad B, Ghorbani Bidkorpheh F, Jafariazar Z, Mortazavi SA, Preparation and in-vitro evaluation of naproxen loaded solid lipid nanoparticles, International Congress on Biopharma 2018, Dec 2018, Tehran, Iran.

19- Ghorbani-Bidkorpheh F, Farifteh F, Saber R, Design and construction of electrochemical biosensor for detection of BRCA1 on dendrimer and gold nanoparticles, The 2nd Iranian Nanomedicine Congress, INMC 2016, Zanjan, Iran.

20- Baleshi N, Ghorbani-Bidkorpheh F, preparation and physicochemical evaluation of herbal semisolid formulation of common malva, Iranian Pharmaceutical Sciences Congress, IPSC2015, Tehran, Iran.

21- Asian Nano Forum Conference, 8-11 March 2015, Kish Island, Iran (2 presentations).

22- Ghorbani-Bidkorpheh F, Yousefi S, Esfandyari-Manesh M, Dinarvand R, Novel Biodegradable Nano-Molecular Imprinted Electrochemical Sensor of Methotrexate, ISE 2014, Lausanne, Switzerland.

23- Ghorbani-Bidkorbeh F, Hooshfar S, Ghalkhani M, Kobarfard F, Electrochemical Study of Cetrorelix Acetate Using GCE Modified with CNPs and its Analytical Application in Pharmaceutical Dosage Forms. ISE 2014, Lausanne, Switzerland.

24- 5th International Congress on Nanoscience and Nanotechnology, Oct 2014, Tehran, Iran.

25- Iranian CRS congress, Tehran Iran, Feb 2014 (2 presentations).

26- Ghorbani-Bidkorbeh F., Picca R. A., Sellergren B., Development of Magnetic Nano Molecular Imprinted polymer (MIP) electrochemical sensors based on polymers prepared by the "Core Shell grafting-from" approach, IPSC2012, Isfahan, Iran.

27- SCHILLINGER E., MOEDER M., OLSSON G., NICHOLLS I., GHORBANI F., SELLERGREN, B., "An artificial estrogen receptor obtained by combinatorial imprinting for analysis and removal of estrogen active compounds", Nano4water workshop, 26 October 2010, Aachen, Germany.

28- Ghorbani-Bidkorbeh F, Shahrokhian S, Mohammadi A, Dinarvand R , Preparation and Comparison of Voltammetric and Potentiometric Sensors for Naltrexone HCl and their Analysis Applications in Pharmaceutical and Clinical Preparations. The 61th Annual Meeting of the ISE, Sep 26th - Oct 1st 2010, Nice, France.

29- Ghorbani-Bidkorbeh F, Shahrokhian S, Mohammadi A, Dinarvand R, Electrochemical Investigation of 6-Mercaptopurine on the Surface of Carbon Paste Electrode Modified with Cobalt Salophen Complex. 61th Annual Meeting of the ISE, Sep 26th - Oct 1st2010Nice, France.

30- Ghorbani-Bidkorbeh F, Shahrokhian S, Mohammadi A, Dinarvand R, 12th Iranian Pharmaceutical Sciences Congress, July 2010, Zanjan, Iran

31- Ghorbani-Bidkorbeh F, Shahrokhian S, Mohammadi A, Dinarvand R, Electrochemical Study of Tramadol HCl using Glassy Carbon Electrode Modified with Carbon Nanoparticles and its Analytical Application in Pharmaceutical Dosage Forms. The 60th Annual Meeting of the ISE, Peking University, Aug 16-21 2009, Beijing, China.

32- Ghorbani-Bidkorbeh F, Shahrokhian S, Dinarvand R, Polymeric Membrane Sensors for the Selective Determination of Naltrexone in Pharmaceutical Preparations, 16th Iranian Seminar of analytical chemistry, Bu Ali University, July 2009, Hamedan, Iran.

33- Ghorbani-Bidkorbeh F, Shahrokhian S, Dinarvand R , Potentiometric Sensor For Diclofenac Determination In Pharmaceutical Dosage Form, 8th Iranian Biennial Seminar of Electrochemistry, University of Kurdistan, July 2009, Sanandaj, Iran.

34- Ghorbani-Bidkorbeh F, Shahrokhian S, Dinarvand R , Electrochemical evaluation of Naltrexone HCl in Pharmaceutical Dosage Form and Human Plasma using Glassy Carbon Electrode Modified with Nafion Doped Carbon Nanoparticles, First regional symposium on bio electrochemistry, Oct 2008, Tehran , Iran.

35- Ghorbani-Bidkorbeh F, Ghalkhani M., Pharmaceutical Analysis using modern electroanalytical techniques, 11th Iranian pharmaceutical science conference, Aug 2008, Kerman, Iran.

36- Ghalkhani M, Ghorbani-Bidkorbeh F, Shahrokhian S, Modification application of Carbon paste electrode modified with FePC for voltammetric determination of epinephrine in the presence of ascorbic acid and uric acid, 11th Iranian pharmaceutical science conference, Aug 2008, Kerman, Iran.

37- Ghorbani-Bidkorbeh F, Mohammadi A, Dinarvand R, Molecular imprinting: a dynamic technique for diverse applications in analytical chemistry (Review Article), 10th Iranian Pharmaceutical Sciences Congress, August 2006, Tehran, Iran.

38- Ghorbani-Bidkorbeh F, Mohammadi A, Dinarvand R, Molecular Imprinting Science and Technology (Review Article), 10th Iranian Pharmaceutical Sciences Congress, August 2006, Tehran, Iran.

39- Ghorbani-Bidkorbeh F, Farid J, Preparation of controlled released microcapsules containing aminophylline- resin, 9th Iranian Pharmaceutical Sciences Congress, August 2004, Tabriz, Iran.

Language Skills

English: Fluent

German: Intermediate (B1, DSIT)