Family name: Adibkia

First name: Khosro

Academic position: Professor of Pharmaceutics

Date of birth: 1979-06-23

Place of birth: Zenooz-Marand- Eastern Azerbaijan - Iran

e-mail: adibkia@tbzmed.ac.ir and adibkia@gmail.com

Scopus Author ID: 8874919800
ResearcherID: E-3205-2017
Orcid ID: orcid.org/0000-0002-1053-5557

Academic background:

1. Pharm.D., Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran. 1997-2002.

2. PhD, Pharmaceutics, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran. 2003 – 2008

3. Research fellow in Pharmaceutical nanobiotechnology in the Gent University (Belgium), 2007 (6 month)

Positions held:

1- Assistant Professor of Pharmaceutics (September 2008)

2- Associate Professor of Pharmaceutics (October 2012)

3- Professor of Pharmaceutics (January 2017)

Current research interest

- Novel Drug Delivery systems e.g. Pharmaceutical nanotechnology and microsystems
- Electrospray and electrospinning methods for preparation of the pharmaceutical nanoparticles
- Organ on a chip and lab on chip systems

Honors and awards:

1- Awarded prize for the best researcher in Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran. (2015)

2- Awarded prize for the best educational pattern of Tabriz University of Medical Sciences ,5th Educational Festival of Shahid Motahari, Tabriz, Iran (2013).

3- Awarded prize for the best educational pattern of Tabriz University of Medical Sciences ,4th Educational Festival of Shahid Motahari, Tabriz, Iran (2011).

4- Selected as the distinguished researcher of East Azerbaijan Province, Iran. (2010).

5- Awarded prize for the best PhD student of Tabriz University of Medical Sciences, Tabriz, Iran. (2009)

6- Winner of Rhazes (Razi) Research prize (first rank in novel drug delivery systems) in Iran. (2008)

7- Selected as a Member of the National Elites Organization. (2008).

8- Awarded prize for the best PhD student of Tabriz University of Medical Sciences, Tabriz, Iran. (2008)

9- Awarded prize from President of Iran for the best PhD student of Iran. (2007)

10- Awarded prize for the best PhD student of Tabriz University of Medical Sciences, Tabriz, Iran. (2007)

11- Awarded Acknowledgements from Vice chancellor of education for one of the initial loaders of electronic educational context in Tabriz University of Medical Sciences, Tabriz, Iran. (2009)

12- Ranking the Best Paper in the 7th Seminar of Iranian Pharmacy Students, Isfahan-Iran (2001)

Patents:

1- Azharshekoufeh L., Shokri J., Javadzadeh Y., **Adibkia K**., Non-ionic surfactant as a pore former in porous osmotic systems, Iranian patent numbered: 88210 (2016)

2- **Adibkia K.,** Sabzevari A., Hashemi H., Dinarvand R., Preparation of the triamcinolone acetonide nanoparticles using PLGA and PbAE for treatment of uveitis, Iranian patent numbered: 80175 (2013)

3- **Adibkia K.,** Nokhodchi A., Siahi MR., Barzegar-Jalai M., Javadzadeh A.R., Omidi., Preparation of piroxicam nanosuspensions for inhibition ant treatment of Uveitis, Iranian patent numbered: 59769 (2009)

4- **Adibkia K.,** Nokhodchi A., Siahi MR., Barzegar-Jalai M., Javadzadeh A.R., Omidi., Preparation of methyprednisolone acetate nanosuspensions for inhibition ant treatment of Uveitis, Iranian patent numbered: 59768 (2009)

Grants:

1- University Best Researcher grants (2018-2022, Each year about 300 Million Rials)

2- Talents' Research credit from National Institute for Medical Reseach Development, 220 Million Rials (2016)

3- Research credit from Tabriz University for a fellowship student, 100 Million Rials (2015)

4- Research credit from Tabriz University of Medical Sciences, 80 Million Rials (2015)

5- Research credit for young assistant professors from National Elites Organization: 200 Million Rials (2010)

Editorial Board of:

1- SF Journal of Nanochemistry and Nanotechnology, (Since May 2017)

2- CRESSCO Journal of Pharma and Drug Regulatory Affairs(CJPDRA) (Since 9 July 2016)

3- Associate Editor of BioImpacts (BI), (Since 1 Feb 2016)

4- International Journal of Nanomaterials, Nanotechnology and Nanomedicine (Since 31 January 2015)

5- International Journal of Pharmaceutical Sciences and Developmental Research (15 December 2014 - 8 July 2015)

6- Journal of Pharmaceutical Sciences & Drug Designing ***(Journal of Pharmacy and Pharmaceutics)*** (Omega Publisher) (Since 24 April 2014)

7- SAJ Nanoscience and Nanomedicine (SAJNN) (Since 11 Mar 2014)

8- SAJ Pharmacy and Pharmacology (SAJPP) (Since 6 Mar 2014)

9- Journal of Molecular Pharmaceutics & Organic Process Research (Since 17 Feb 2014)

10- SOJ Pharmacy & Pharmaceutical Sciences (Since Dec 2013)

11- Journal of Chemical Engineering and Materials Science (Since 2010)

12- Pharmacia (an international journal of pharmaceutical sciences) (Since 2010-2016)

Administrative experiences:

1- Dean of Faculty of Pharmacy at Tabriz University of Medical Sciences (May 2022 - Ongoing)

2- Director of Pharmaceutical Research Center at Tabriz University of Medical Sciences (August 2020 - Ongoing)

3- Director of Research and Development at Tabriz University of Medical Sciences (28 Feb 2018- June 2022)

4- Assistant Director of Pharmaceutical Research Center at Tabriz University of Medical Sciences (April 2018- August 2020)

5- Education office manager at Faculty of Pharmacy, Tabriz University of Medical Sciences (Oct 2008-Feb 2017)

Book Chapters:

1- Amiryaghoubi N., Fathi M., **Adibkia K**., Barar J., Omidian H., Omidi Y., Chitosan-Based Biomaterials: Their Interaction with Natural and Synthetic Materials for Cartilage,

Bone, Cardiac, Vascular, and Neural Tissue Engineering, Engineering Materials for Stem Cell Regeneration, 2021, 619–650.

2- Dizaj SM, Yaqoubi S, **Adibkia K**, Lotfipour F, Nanoemulsion-based delivery systems: preparation and application in the food industry, In: Grumezesco A., Emulsions, Elsevier, USA, 2016.

3- **Adibkia K.,** Yaqoubi S., Maleki Dizaj S., Pharmaceutical and medical applications of nanofibers, In: Raj K. Keservani, Anil K. Sharma, Rajesh Kumar Kesharwani (Eds.), Novel Approaches for Drug Delivery, IGI Global book publication, USA, 2016, 338-363.

4- Javadzadeh Y., **Adibkia K.**, Hamishekar H., Transcutol® (Diethylene Glycol Monoethyl Ether): A Potential Penetration Enhancer In: Dragicevic, Nina, Maibach, Howard I. (Eds.), Percutaneous Penetration Enhancers Chemical Methods in Penetration Enhancement, Springer, 2015, 195-205.

5- Shokri J., **Adibkia K.,** Application of Cellulose and Cellulose Derivatives in Pharmaceutical Industries In: van de Ven T., Godbout L., (Eds.), Cellulose – Medical, Pharmaceutical and Electronic Applications, In Tech Open Access Publisher, Croatia, 2013, 47-66.

Papers:

1- Mohaghegh S., Tarighatnia A., Omidi Y., Barar J., Aghanejad A., **Adibkia K.,** Multifunctional magnetic nanoparticles for MRI-guided co-delivery of erlotinib and L-asparaginase to ovarian cancer, Journal of Microencapsulation, In Press. **[Corresponding author]**

2- Zakhireh S., Barar J., **Adibkia K**., Beygi-Khosrowshahi Y., Fathi M., Omidain H., Omidi Y., Bioactive Chitosan-Based Organometallic Scaffolds for Tissue Engineering and Regeneration, Topics in Current Chemistry, 2022, 380: 1-47.

3- Zakhireh S., Omidi Y., Beygi-Khosrowshahi Y., Mohajel-Kazemi E., Barar J., **Adibkia K**., Anticancer potential of Pistacia vera L. pollen shell in-vitro using human

osteosarcoma cell line MG63, ACTA Pharmaceutica Sciencia, In Press. **[Corresponding author]**

4- Kazeminava F., Javanbakht S., Nouri M., **Adibkia K.,** Ganbarov K., Yousefi M., Ahmadi M., Gholizadeh P., SamadiKafil H., Electrospun nanofibers based on carboxymethyl cellulose/polyvinyl alcohol as a potential antimicrobial wound dressing, International Journal of Biological Macromolecules, 2022, 214: 111-119.

5- Maleki-Ghaleh H., HosseinSiadati M., Omidi Y., Kavanlouei M., Barar J., Akbari-Fakhrabadi A., **Adibkia K.,** Beygi-Khosrowshahi Y., Synchrotron SAXS/WAXS and TEM studies of zinc doped natural hydroxyapatite nanoparticles and their evaluation on osteogenic differentiation of human mesenchymal stem cells, Materials Chemistry and Physics, 2022, 276: 125346. **[Corresponding author]**

6- Mehdizadeh F., Barzegar-Jalali M., Izadi E., Osouli-Bostanabad K., Mohaghegh S., Shakeri M., Nazemiyeh H., Omidi Y., **Adibkia K**., Green and chemical reduction approaches for facile pH-dependent synthesis of gold nanoparticles, Inorganic and Nano-Metal Chemistry, 2022, 1-9, in press. **[Corresponding author]**

7- Mehdizadeh F., Mohammadzadeh R., Nazemiyeh H., Mesgari-Abbasi M., Barzegar-Jalali M., EskandanI M., **Adibkia K**., Electrosprayed Nanoparticles Containing Hydroalcoholic Extract of Echinacea Purpurea (L.) Moench Stimulates Immune System by Increasing Inflammatory Factors in Male Wistar Rats, Advanced Pharmaceutical Bulletin, 2022, in press. **[Corresponding author]**

8- Ehsani A., Jodaei Asma., Barzegar-Jalali M., Fathi E., Farahzadi R., **Adibkia K**., Nanomaterials and Stem Cell Differentiation Potential: An Overview of Biological Aspects and Biomedical Efficacy, Current Medicinal Chemistry, 2022, 29: 1804-1823.

9- Zakhireh S., Omidi Y., Beygi-Khosrowshahi Y., Barzegari A., Barar J., **Adibkia K**., Synthesis and biological impacts of pollen shells/Fe3O4 nanoparticles composites on human MG-63 osteosarcoma cells, Journal of Trace Elements in Medicine and Biology, 2022, 71: 126921. **[Corresponding author]**

10- Zakhireh S., Barar J., Beygi-Khosrowshahi Y., Barzegari A., Omidi Y., **Adibkia K**., Hollow pollen grains as scaffolding building blocks in bone tissue engineering, Bioimpacts, 2022, 12(3): 183–193. **[Corresponding author]**

11- Vandghanooni S., Sanaat Z., Barar J., **Adibkia K**., EskandanI M., Omidi Y., Recent advances in aptamer-based nanosystems and microfluidics devices for the detection of ovarian cancer biomarkers, TrAC Trends in Analytical Chemistry, 2021, 143: 116343.

12- Maleki-Ghaleh H., Hossein Siadati M., Fallah A., Zarrabi A., Afghah F., Koc B., Dalir Abdolahinia A., Omidi Y., Barar J., Akbari-Fakhrabadi A., Beygi-Khosrowshahi Y., **Adibkia K**., Effect of zinc-doped hydroxyapatite/graphene nanocomposite on the physicochemical properties and osteogenesis differentiation of 3D-printed polycaprolactone scaffolds for bone tissue engineering, Chemical Engineering Journal, 2021, 426: 131321. **[Corresponding author]**

13- Maleki-Ghaleh H., Siadati M., Fallah A., Koc B., Kavanlouei M., Khademi-Azandehi P., Moradpur-Tari E., Omidi Y., Barar J., Beygi-Khosrowshahi Y., Kumar A., **Adibkia K**., Antibacterial and cellular behaviors of novel zinc-doped hydroxyapatite/graphene Nanocomposite for bone tissue engineering, International Journal of Molecular Sciences, 2021, 22: 9564. **[Corresponding author]**

14- Hashemzadeh N., Dolatkhah M., **Adibkia K**., Aghanejad A., Barzegar-Jalali M., Omidi Y., Barar J, Recent advances in breast cancer immunotherapy: The promising impact of nanomedicines, Life Sciences, 2021, 271: 119110.

15- **Adibkia K**., Ehsani A., Jodaei Asma., Fathi E., Farahzadi R., Barzegar-Jalali M., Silver nanoparticles induce the cardiomyogenic differentiation of bone marrow derived mesenchymal stem cells via telomere length extension, Beilstein Journal of Nanotechnol. 2021, 12:786–797.

16- Dolatkhah M., Hashemzadeh N., Barar J., **Adibkia K**., Aghanejad A., Barzegar-Jalali M., Omidain H., Omidi Y., Stimuli-responsive graphene oxide and methotrexate-loaded magnetic nanoparticles for breast cancer-targeted therapy, Nanomedicine, 2021,16: 2155-2174.

17- Hashemzadeh N., Aghanejad A., Dalir Abdolahinia A., Barzegar-Jalali M., Omidi Y., Barar J., **Adibkia K**., Targeted combined therapy in 2D and 3D cultured MCF-7 cells using metformin and erlotinib-loaded mesoporous silica magnetic nanoparticles, Journal of Microencapsulation, 2021, 38: 472-485. **[Corresponding author]**

18- Hashemzadeh N., Dolatkhah M., Aghanejad A., Barzegar-Jalali M., Omidi Y**., Adibkia K**., Barar J., Folate receptor-mediated delivery of 1-MDT-loaded mesoporous silica magnetic nanoparticles to target breast cancer cells, Nanomedicine, 2021,16: 2137-2154.**[Corresponding author]**

19- Khalili Y., Memar M., Farajnia S., **Adibkia K**., Samadi Kafil H., Ghotaslou R., Molecular epidemiology and carbapenem resistance of Pseudomonas aeruginosa isolated from patients with burns, Journal of Wound Care, 2021, 30:135-141.

20- Sheikhy S., Safekordi A., Ghorbani M., **Adibkia K**., Hamishehkar H., Synthesis of novel superdisintegrants for pharmaceutical tableting based on functionalized nanocellulose hydrogels, International Journal of Biological Macromolecules, 2021, 167: 667-675.

21- Memar M., **Adibkia K**., Farajnia S., Samadi Kafil H., Khalili Y., Azargun R., Ghotaslou R., In-vitro Effect of Imipenem, Fosfomycin, Colistin, and Gentamicin Combination against Carbapenem-resistant and Biofilm-forming Pseudomonas aeruginosa Isolated from Burn Patients, 2021, 20: 286–296.

22- Yaqoubi S., Chan H., Nokhodchi A., Dastmalchi S., Alizadeh A., Barzegar-Jalali M., **Adibkia K**., Hamishehkar H., A quantitative approach to predicting lung deposition profiles of pharmaceutical powder aerosols, International Journal of Pharmaceutics, 2021, 602: 120568.

23- Barzegar-Jalali M., Mazaher Haji Aghab E., **Adibkia K**., Hemmatic S., Martinez F., Jouybane A., Solubility of mesalazine in {acetonitrile + water} mixtures at various temperatures, Physics and Chemistry of Liquids, 2021, 59: 690-705.

24- Barzegar-Jalali M., Mazaher Haji Agha E., Mirheydari SN., **Adibkia K.,** Martinez F., Jouyban A., Measurement and modelling of the solubility for ketoconazole in {acetonitrile + water} mixtures at T= (293.2 to 313.2) K, Physics and Chemistry of Liquids, 2021, 59: 331-344.

25- Zakhireh S., Omidi Y., Beygi-Khosrowshahi Y., Aghanejad A., Barar J., **Adibkia K**., Biocompatibility Evaluation of Hollow Pollen Grains/Fe3 O4 Nanoparticles Composites as Potential Medical Devices, International Journal of Nanoscience, 2021, 20: 2150048. **[Corresponding author]**

26- Mazaher Haji Agha E., Barzegar-Jalali M., Mirheydari S., **Adibkia K**., Martinez F., Jouyban A., Trained models for solubility prediction of drugs in acetonitrile + water mixtures at various temperatures, Physics and Chemistry of Liquids, 2021, 59: 169-180.

27- Mohammadi G., Fathian-Kolahkaj M., Mohammadi P., **Adibkia K**., Fattahi A., Preparation, Physicochemical Characterization and Anti-Fungal Evaluation of Amphotericin B-Loaded PLGA-PEG-Galactosamine Nanoparticles, Advanced Pharmaceutical Bulletin, 2021, 11(2): 311–317.

28- Yaqoubi S., **Adibkia K**., Nokhodchi A., Emami S., Alizadeh A., Hamishehkar H., Barzegar-Jalali M., Co-electrospraying technology as a novel approach for dry powder inhalation formulation of montelukast and budesonide for pulmonary co-delivery, International Journal of Pharmaceutics, 2020,591: 119970.

29- Farhang S., Seif-Farshad M., **Adibkia K**., Samiei M., Somi M., Learned Lessons from the Research Activities of Tabriz University of Medical Sciences During COVID-19 Pandemic, Depiction of Health, 2020, 11: 290-297.

30- Zakhireh S., **Adibkia K.,** Beygi-Khosrowshahi Y., Barzegar-Jalali M., Osteogenesis Promotion of Selenium-Doped Hydroxyapatite for Application as Bone Scaffold, Biological Trace Element Research, 2020,199: 1802–1811.

31- Dolatkhah M., Hashemzadeh N., Barar J., **Adibkia K.,** Aghanejad A., Barzegar-Jalali M., Omidi Y., Graphene-based multifunctional nanosystems for simultaneous detection

and treatment of breast cancer, Colloids and Surfaces B: Biointerfaces, 2020, 193: 111104.

32- Salatin S., Barar J., Barzegar-Jalali M., **Adibkia K.,** Alami-Milani M., Jelvehgari M., Formulation and evaluation of eudragit RL-100 nanoparticles loaded in-situ forming gel for intranasal delivery of rivastigmine, Advanced Pharmaceutical Bulletin, 2020, 10 (1), 20-29.

33- Mohaghegh S., Osouli-Bostanabad K., Nazemiyeh H., Javadzadeh Y., **Adibkia K.**, A comparative study of eco-friendly silver nanoparticles synthesis using Prunus domestica plum extract and sodium citrate as reducing agents, Advanced Powder Technology, 2020, 31(3), 1169-1180. **[Corresponding author]**

34- Dehghani J., **Adibkia K.,** Movafeghi A., Maleki-Kakelar H.a, Saeedi N., Omidi Y. Towards a new avenue for producing therapeutic proteins: Microalgae as atempting green biofactory, Biotechnology Advances, 2020, 40: 107499.

35- Barzegar-Jalali M., Mazaher Haji Agha E., **Adibkia K.,** Martinez F., Jouyban A., Solubility of ketoconazole in 1,4-dioxane + water mixtures at T = (293.2 to 313.2) K, Journal of Molecular Liquids, 2020, 306: 112830.

36- Barzegar-Jalali M., Mazaher Haji Agha E., **Adibkia K.,** Martinez F., Jouyban A., The solubility of ketoconazole in binary carbitol+water mixtures at T=(293.2–313.2) K. Journal of Molecular Liquids, 2020, 297 : 111756.

37- Dehghani J., **Adibkia K**., Movafeghi A., Pourseif M., Omidi Y., Designing a new generation of expression toolkits for engineering of green microalgae; robust production of human interleukin-2, BioImpacts: BI, 2020, 10: 259. **[Corresponding author]**

38- Mazaher Haji Agha E., Barzegar-Jalali M., **Adibkia K.,** Hemmati S., Martinez F., Jouyban A.,Solubility and thermodynamic properties of mesalazine in {2-propanol + water} mixtures at various temperatures, Journal of Molecular Liquids, 2020, 301 : 112474.

39- Azari F., Ghanbarzadeh S., Safdari R., Yaqoobi S., **Adibkia K.**, Hamishehkar H., Development of a Carrier Free Dry Powder Inhalation Formulation of Ketotifen for Pulmonary Drug Delivery, Arzneimittelforschung/Drug Research, 2020, 70 (1), 26-32.

40- Mazaher Haji Agha E., Barzegar-Jalali M., **Adibkia K.,** Hemmati S., Kuentz M., Martinez F., Jouyban A., Solubility of mesalazine in {1-propanol/water} mixtures at different temperatures, Journal of Molecular Liquids, 2020, 301 : 112436.

41- Memar MY, **Adibkia K.,** Farajnia S., Samadi Kafil H., Maleki Dizaj S., Ghotaslou R., Biocompatibility, cytotoxicity and antimicrobial effects of gentamicin-loaded CaCO3 as a drug delivery to osteomyelitis, Journal of Drug Delivery Science and Technology, 2019, 54:101307.

42- Maleki S., Sharifi G., Ahmadian E., Eftekhari, **Adibkia K.,** Lotfipoor F., An update on calcium carbonate nanoparticles as cancer drug/gene delivery system, Expert Opinion on Drug Delivery, 2019,16(4), 331-345.

43- **Adibkia K.,** Selselehjonban S., Emami S., Osouli-Bostanabad K., Barzegar-Jalali M., Electrosprayed polymeric nanobeads and nanofibers of modafinil: preparation, characterization, and drug release studies, BioImpacts, 2019, 9(3), 179-188.

44- **Adibkia K.,** Ghajar S., Osouli-Bostanabad K., Balaei N., Emami S., Barzegar-Jalali M., Novel Gliclazide Electrosprayed Nano-Solid Dispersions: Physicochemical Characterization and Dissolution Evaluation, Advanced Pharmaceutical Bulletin, 2019, 9 (2), 231-240.

45- Mirzaeei S., Mohammadi G., Fattahi N., Mohammadi P., Fattahi A., Nikbakht MR., **Adibkia K.**, Formulation and Physicochemical Characterization of Cyclosporine Microfiber by Electrospinning, Advanced Pharmaceutical Bulletin, 2019, 9 (2), 249-254.

46- Selselehjonban S., Garjani A., Osouli-Bostanabad K., Tanhaei A., Emami S., **Adibkia K.,** Barzegar-Jalali M., Physicochemical and pharmacological evaluation of carvedilol eudragit® RS100 electrosprayed nanostructures, Iranian Journal of Basic Medical Sciences, 2019, 22 (5), 547-556. **[Corresponding author]**

47- Memar MY., **Adibkia K.,** Farajnia S., Samadi-Kafil H., Yekani M., Alizadeh N., The grape seed extract: a natural antimicrobial agent against different pathogens, Reviews in Medical Microbiology, 2019, 30:173–182.

48- Hashemzadeh N., **Adibkia K.,** Barar J., Indoleamine 2, 3-dioxygenase inhibitors in immunochemotherapy of breast cancer: challenges and opportunities, BioImpacts, 2019, 9(4), 1-3. **[Editorial]**

49- Nozohouri S., Salehi R., Ghanbarzadeh S., **Adibkia K.,** Hamishehkar H., A multilayer hollow nanocarrier for pulmonary co-drug delivery of methotrexate and doxorubicin in the form of dry powder inhalation formulation, Materials Science & Engineering C, 2019, 99, 752–761.

50- **Adibkia K.,** Barzegar-Jalali M., Balaei N., Osouli-Bostanabad K., Ghajar S., Emami S., Zakhireh S., Formulation of pioglitazone –eudragit RS100 nanobeads and nanofibers using electrospraying technique, Polymer Science, 2019, 61 (3), 407-416.

51- Emami S., **Adibkia K.,** Barzegar-Jalali M., Siahi-Shadbad M., Piroxicam cocrystals with phenolic coformers: preparation, characterization, and dissolution properties, Pharmaceutical Development and Technology, 2019, 24 (2), 199-210.

52- Abedinoghli D., Charkhpour M., Osouli-Bostanabad K., Selselehjonban S., Emami S., Barzegar-Jalali M., **Adibkia K.,** Electrosprayed Nanosystems of Carbamazepine – PVP K30 for Enhancing Its Pharmacologic Effects, Iranian Journal of Pharmaceutical Research (2018), 17 (4): 1431-1443. **[Corresponding author]**

53- Dehghani J., **Adibkia K.**, Movafeghi A., Barzegari A., Pourseif MM., Maleki Kakelar H., Golchin A., Omidi Y., Stable transformation of Spirulina (Arthrospira) platensis: a promising microalga for production of edible vaccines, Applied Microbiology and Biotechnology, 2018, 102(21):9267-9278.

54- Memar M.Y., Ghotaslou R., Samiei M., **Adibkia K.,** Antimicrobial use of reactive oxygen therapy: current insights, Infection and Drug Resistance, 2018, 11, 567-576. **[Corresponding author]**

55- Aghanejad A., Babamiri H., **Adibkia K.,** Barar J., Omidi Y., Mucin-1 aptamer-armed superparamagnetic iron oxide nanoparticles for targeted delivery of doxorubicin to breast cancer cells, BioImpacts, 2018, 8 (2), 117-127.

56- Molaei A., Osouli-Bostanabad K., **Adibkia K.,** Shokri J., Asnaashari S., Javadzadeh Y., Better availability of ketoconazole by liquidsolid technique, Acta Pharmaceutica, 2018, 68: 325-336.

57- Emami S., Siahi-Shadbad M., **Adibkia K.,** Barzegar-Jalali M., Recent advances in improving oral drug bioavailability by cocrystals, BioImpacts, 2018, 8 (4), 305-320.

58- Emami S., Siahi-Shadbad M., Barzegar-Jalali M., **Adibkia K.,** Characterizing Eutectic Mixtures of Gliclazide with Succinic Acid Prepared by Electrospray Deposition and Liquid Assisted Grinding Methods, Journal of Drug Delivery, Science and Technology, 2018, 45, 101-109. **[Corresponding author]**

59- Osouli-Bostanabad K., **Adibkia K.,** Made on-demand, Complex and Personalized 3D Printed Drug Products, BioImpacts, 2018, 8 (2), 77-79. **[Editorial, Corresponding author]**

60- Baghershiroudi M., Safa K.D., **Adibkia K.,** Lotfipour F., Bulky organosilicon compounds based on sulfanyltetrazoles: their synthesis and in vitro antibacterial evaluation, Journal of the Iranian Chemical Society, 2018, 15 (6), 1279-1286.

61- Emami S., Siahi-Shadbad M., Barzegar-Jalali M., **Adibkia K.,** Feasibility of electrospray deposition for rapid screening of the cocrystal formation and single step, continuous production of pharmaceutical nanococrystals, Drug Development and Industrial Pharmacy, 2018, 44(6), 1034-47. **[Corresponding author]**

62- Garjani A., Barzegar-Jalali M., Osouli-Bostanabad K., Ranjbar H., **Adibkia K.,** Morphological and Physicochemical Evaluation of the Propranolol HCl - Eudragit® RS100 Electrosprayed Nanoformulations, Artificial Cells, Nanomedicine and Biotechnology, 2018, 46(4), 749-756. **[Corresponding author]**

63- Salatin S., Barar J., Barzegar-Jalali M., **Adibkia K.,** Kiafar F., Jelvehgari M., An alternative approach for improved entrapment efficiency of hydrophilic drug substance in PLGA nanoparticles by interfacial polymer deposition following solvent displacement, Jundishapur Journal of Natural Pharmaceutical Products, 2018, 13(4):e12873.

64- Baghershiroudi M., Safa K.D., **Adibkia K.,** Lotfipour F. Synthesis and antibacterial evaluation of new sulfanyltetrazole derivatives bearing piperidine dithiocarbamate moiety, Synthetic Communications, 2018, 48 (3), 323-328.

65- Salatin S., Barar J., Barzegar-Jalali M., **Adibkia K.,** Jelvehgari M., Thermosensitive in situ nanocomposite of rivastigmine hydrogen tartrate as an intranasal delivery system: Development, characterization, ex vivo permeation and cellular studies, Colloids and Surfaces B: Biointerfaces, 2017, 159, 629-638.

66- **Adibkia K.,** Saghakhaneh S., Barzegar-Jalali M., Hamishehkar H., Jahangiri A., Application of dry milling in the preparation of amorphous ezetimibe/Polyvinylpyrrolidone-K30 dispersions, Latin American Journal of Pharmacy, 2017, 36 (4), 694-700.

67- Mohammadi G., Namadi E., Mikaeili A., Mohammadi P., **Adibkia K.,** Preparation and physicochemical characterization of the nystatin-loaded Eudragit RS100/PLGA nanoparticles and evaluation of their anti-fungal properties against Candida albicans, Journal of Drug Delivery Science and Technology, 2017, 38, 90-96.

68- Mohammadi G., Shakeri A., Fattahi A., Mohammadi P., Mikaeili A., Aliabadi A., **Adibkia K.,** Preparation, physicochemical characterization and anti-fungal evaluation of Nystatin-Loaded PLGA-Glucosamine nanoparticles, Pharmaceutical Research, 2017, 34, 301-309.

69- Salatin S., Barar J., Barzegar-Jalali M., **Adibkia K.,** Kiafar F., Jelvehgari M., Development of a nanoprecipitation method for the entrapment of a very water soluble drug into Eudragit RL nanoparticles, Research in Pharmaceutical Sciences (RPS), 2017, 12 (1), 1-14.

70- Maleki Dizaj S., Lotfipour F., Barzegar-Jalali M., Zarrintan MH, **Adibkia K.,** Ciprofloxacin HCl - loaded calcium carbonate nanoparticles: Preparation, solid state characterization and evaluation of antimicrobial effect against staphylococcus aureus, Artificial Cells, Nanomedicine and biotechnology, 2017, 45 (3), 535-543. **[Corresponding author]**

71- Asghari F., Samiei M., **Adibkia K.,** Akbarzadeh A., Davaran S., Biodegradable and biocompatible polymers for tissue engineering application: a review**,** Artificial Cells, Nanomedicine and biotechnology, 2017, 45 (2), 185-192.

72- Yazdani-Arazi N., Ghanbarzadeh S., **Adibkia K.,** Kouhsoltani M., Hamishehkar H., Follicular Delivery of Arginine via Nanostructured Lipid Carriers; A Novel Potential Approach for the Treatment of Alopecia, Artificial Cells, Nanomedicine and biotechnology, 2017, 45 (7), 1379-1387.

73- Jahangiri A., Barzegar-Jalali M., Javadzadeh Y., Hamishehkar H., **Adibkia K.,** Physicochemical characterization of atorvastatin calcium/ezetimibe amorphous nano-solid dispersions prepared by electrospraying method, Artificial Cells, Nanomedicine and biotechnology, 2017, 45 (6), 1138-1145. **[Corresponding author]**

74- **Adibkia K.,** Khorasani G., Payab S., Lotfipour F., Anti Pneumococcal Activity of Azithromycin-Eudragit RS100 Nano-Formulations, Advanced Pharmaceutical Bulletin, 2016, 6 (3), 455-459. **(Short Communication)**

75- Jahangiri A., **Adibkia K.,** Applications of electrospinning/electrospraying in drug delivery, BioImpacts, 2016, 6(1), 1-2. **(Editorial) [Corresponding author]**

76- Salatin S., Barar J., Barzegar-Jalali M., **Adibkia K.,** Alami M., Jelvehgari M., Hydrogel nanoparticles and nanocomposites for nasal drug/vaccine delivery, Archives of Pharmacal Research, 2016, 39:1181–1192.

77- Jafari S., Maleki-Dizaji N., Barar J., Barzegar-Jalali M., Rameshrad M., **Adibkia K.,** Methylprednisolone acetate-loaded hydroxyapatite nanoparticles as a potential drug delivery system for treatment of rheumatoid arthritis: In vitro and in vivo evaluation,

European Journal of Pharmaceutical Sciences, 2016, 91,225-235. **[Corresponding author]**

78- Maleki Dizaj S., Lotfipour F., Barzegar-Jalali M., Zarrintan MH, **Adibkia K.,** Physicochemical characterization and antimicrobial evaluation of gentamicin-loaded CaCO3 nanoparticles prepared via microemulsion method, Journal of Drug Delivery Science and Technology, 2016, 35, 16-23. **[Corresponding author]**

79- Jafari S., Maleki-Dizaji N., Barar J., Barzegar-Jalali M., Rameshrad M., **Adibkia K.,** Physicochemical characterization and in vivo evaluation of triamcinolone acetonide-loaded hydroxyapatite nanocomposites for treatment of rheumatoid arthritis, Colloids and Surfaces B: Biointerfaces, 2016, 140, 223-232. **[Corresponding author]**

80- Jahangiri A., **Adibkia K.,** Asadpour-Zeynali K., Javadzadeh Y., Hamishehkar H., Barzegar-Jalali M., Application of multivariate calibration methods, in dissolution testing and simultaneous determination of atorvastatin and ezetimibe in their combined dosage forms, Pharmaceutical Sciences, 2016, 22:105-11.

81- Asghari F., Agazadeh M. Alizadeh E., **Adibkia K.,** Samiei M., Akbarzadeh A., Abbasi Aval N., Davaran S., Salehi R., The odontogenic differentiation of human dental pulp stem cells on hydroxyapatite-coatedbiodegradable nanofibrous scaffolds, International Journal of Polymeric Materials, 2016, 65 (14), 720-728.

82- Maleki Dizaj S., Lotfipour F., Barzegar-Jalali M., Zarrintan MH, **Adibkia K.,** Application of Box-Behnken design to prepare gentamicin -loaded calcium carbonate nanoparticles, Artificial Cells, Nanomedicine and biotechnology, 2016, 44 (6), 1475-1481. **[Corresponding author]**

83- Jafari-Aghdam N., **Adibkia K.,** Payab S., Barzegar-Jalali M., Parvizpur A., Mohammadi G., Sabzevari A., Methylprednisolone acetate–Eudragit® RS100 electrospuns: Preparation and physicochemical characterization, Artificial Cells, Nanomedicine and biotechnology, 2016, 44 (2), 497-503. **[Corresponding author]**

84- Payab S., Davaran S., Tanhaei A., Fayyazi B. Jahangiri A., Farzaneh A., **Adibkia K.,** Triamcinolone acetonide–Eudragit® RS100 nanofibers and nanobeads: Morphological

and physicochemical characterization, Artificial Cells, Nanomedicine and biotechnology, 2016, 44 (1), 362-369. **[Corresponding author]**

85- Yaqoubi S., Barzegar-Jalali, **Adibkia K.,** Hamishehkar H., Combination of solvent displacement and wet ball milling techniques for size reduction of celecoxib, Pharmaceutical Sciences, 2016, 22, 22-27.

86- Jahangiri A., Barzegar-Jalali M., Garjani A., Javadzadeh Y., Hamishehkar H., Asadpour-Zeynali K., **Adibkia K.,** Evaluation of Physicochemical properties and in vivo efficiency of atorvastatin calcium/ezetimibe solid dispersions, European Journal of Pharmaceutical Sciences, 2016, 82, 21-30. **[Corresponding author]**

87- Jahangiri A., Barzegar-Jalali M., Garjani A., Javadzadeh Y., Hamishehkar H., Afroozian A., **Adibkia K.,** Pharmacological and histological examination of atorvastatin-PVP K30 solid dispersions, Powder Technology, 2015, 286, 538-545. **[Corresponding author]**

88- Azharshekoufeh L., Shokri J., **Adibkia K**., Javadzadeh Y., Liquisolid Technology: What it can do for NSAIDs delivery?, Colloids and Surfaces B: Biointerfaces, 2015, 136, 185-191.

89- Jahangiri A., Barzegar-Jalali M., Garjani A., Javadzadeh Y., Hamishehkar H., Rameshrad M., **Adibkia K.,** Physicochemical characterization and pharmacological evaluation of ezetimibe-PVP K30 solid dispersions in hyperlipidemic rats, Colloids and Surfaces B: Biointerfaces, 2015, 134, 423-430. **[Corresponding author]**

90- Maleki Dizaj S., Lotfipour F., Barzegar-Jalali M., Zarrintan MH, **Adibkia K.,** Box-Behnken experimental design for preparation and optimization of ciprofloxacin hydrochloride-loaded CaCO3 nanoparticles, Journal of Drug Delivery Science and Technology, 2015, 29, 125-131**. [Corresponding author]**

91- Yaqoubi S., Barzegar-Jalali M., **Adibkia K.,** Hamishehkar H., Dry powder inhalation of Celecoxib nanoparticles, Pharmind (Die Pharmazeutische Industrie), 2015, 77 (11), 1652-1659.

92- Dizaj S., Barzegar-Jalali M., Zarrintan MH., **Adibkia K.,** Lotfipour F., Calcium Carbonate Nanoparticles as Cancer Drug Delivery System, Expert Opinion on Drug Delivery, 2015, 12 (10), 1649-1660. **[Corresponding author]**

93- Maleki Dizaj S., **Adibkia K.,** A Short Overview on the Nanoparticle-Based Smart Drug Delivery Systems, Journal of Pharmaceutical Sciences and Drug Designing, 2015, 2(1): 1-2. **[Corresponding author][Editorial]**

94- Salatin S., Jelvehgari M., Maleki-Dizaj S., **Adibkia K.,** A sight on protein-based nanoparticles as drug/gene delivery systems, Therapeutic Delivery, 2015, 6 (8), 1017-1029. **[Corresponding author]**

95- Hamishehkar H., Same S., **Adibkia K.,** Zarza K., Shokri J., Taghaee M., Kouhsoltani M., A comparative histological study on the skin occlusion performance of a cream made of solid lipid nanoparticles and Vaseline, Research in Pharmaceutical Sciences (RPS), 2015, 10(5), 373-382.

96- Maleki Dizaj S., Barzegar-Jalali M., Zarrintan MH., **Adibkia K.,** Lotfipour F., Calcium carbonate nanoparticles; potential in bone and tooth disorders, Pharmaceutical Sciences, 2015, 20, 175-182. **[Corresponding author]**

97- Jafari S., Maleki Dizaj S., **Adibkia K.,** Cell-penetrating peptides and their analogues as novel nanocarriers for drug delivery, Bioimpacts, 2015, 5(2), 103-111. **[Corresponding author]**

98- Maleki Dizaj S., Vazifeh Asl Z., Salatin S., **Adibkia K.,** Javadzadeh Y., Nanosizing of drugs: Effect on dissolution rate, Research in Pharmaceutical Sciences (RPS), 2015, 10 (2), 95-108.

99- Javadzadeh Y., Payab S., Noorizadeh P., Jafari-Aghdam N., Omidfar D., Mohammadi G., **Adibkia K.** Physicochemical characterization of methylprednisolone acetate-PLGA nanoparticles prepared via electrospraying method, Pharmind (Die Pharmazeutische Industrie), 2015, 77 (3), 418-424. **[Corresponding author]**

100- Maleki Dizaj S., Mennati A., Jafari S., Khezri K., **Adibkia K.,** Antimicrobial activity of carbon-based nanostructures, Advanced Pharmaceutical Bulletin, 2015, 5(1), 19-23. **[Corresponding author]**

101- **Adibkia K.,** Nayebi A., Barzegar-Jalali M., Hosseinzadeh S., Ghanbarzadeh S., Shiva A., Comparison of the analgesic effect of diclofenac sodium-eudragit RS100 solid dispersion and nanoparticles using formalin test in the rats, Advanced Pharmaceutical Bulletin, 2015, 5(1), 77-81.

102- Barzegar-Jalali M., Ghanbarzadeh S., Shokri J., Hasanzadeh D., Atapoor N., Sabzevari A., **Adibkia K.,** Characterization of naproxen solid dispersions, Pharmind (Die Pharmazeutische Industrie) 2015, 77 (2): 271-277. **[Corresponding author]**

103- Jahangiri A., Davaran S., Fayyazi B., Tanhaei A., Payab S., **Adibkia K.,** Application of electrospraying as a one-step method for the fabrication of triamcinolone acetonide-PLGA nanofibers and nanobeads, Colloids and Surfaces B: Biointerfaces, 2014, 123, 219-224. **[Corresponding author]**

104- Maleki Dizaj S., Lotfipour F., Barzegar-Jalali M., Zarrintan MH, **Adibkia K.,** Antimicrobial Activity of the Metals and Metal Oxide Nanoparticles, Materials Science and Engineering C, 2014, 44, 278-284**. [Corresponding author]**

105- Jafari S, **Adibkia K**., Application of hydroxyapatite nanoparticle in the drug delivery systems, Journal of Molecular Pharmaceutics & Organic Process Research, 2014, 3 (1), 1-2. **[Corresponding author][Editorial]**

106- Payab S., Jafari-Aghdam N., Barzegar-Jalali M., Mohammadi G, Sabzevari A., Lotfipour F., Gholikhani T., **Adibkia K.,** Preparation and physicochemical characterization of the azithromycin–Eudragit® RS100 nanobeads and nanofibers using electrospinning method, Journal of Drug Delivery Science and Technology, 2014, 24 (6), 585-590**. [Corresponding author]**

107- **Adibkia k.,** Preparation of Pharmaceutical Nanobeads and Nanofibers via Electrospinning Method, Journal of Molecular Pharmaceutics & Organic Process Research, 2014, 2: e112. **[Editorial]**

108- Barzegar-Jalali M., Ghanbarzadeh S., **Adibkia K.,** Valizadeh H., Bibak S., Mohammadi G., Siahi-Shadbad MR., Development and characterization of solid dispersion of piroxicam for improvement of dissolution rate using hydrophilic carriers, BioImpacts, 2014, 4(3), 141-148.

109- Siahi-shadbad MR., Ghanbarzadeh S., Barzegar-Jalali M., Valizadeh H., Taherpoor A., Mohammadi G., Barzegar-Jalali A., **Adibkia K.,** Development and characterization of solid dispersion for dissolution improvement of furosemide by cogrinding method, Advanced Pharmaceutical Bulletin, 2014, 4(4), 391-399.

110- Mohammadi G., Hemati V., Nikbakht MR.**,** Mirzaee Sh., Fattahi A., Ghanbari K., **Adibkia K.,** In vitro and In vivo evaluation of Clarithromycin-Urea solid dispersions prepared by solvent evaporation, electrospraying and freeze drying methods, Powder Technology, 2014, 257, 168-174. **[Corresponding author]**

111- Javadzadeh Y., Bairami-Atashgah R., Barzegar-Jalali M., Soleimani F., Mohammadi G., Sabzevari A., **Adibkia K.,** Inclusion of Piroxicam in Mesoporous Phosphate Glass-Ceramic and Evaluation of Its Physiochemical Characteristics, Colloids and Surfaces B: Biointerfaces, 2014, 116: 751-756. **[Corresponding author]**

112- **Adibkia K.,** Barzegar-Jalali M., Shokri J., Solduzian M., Javadzadeh Y., Effect of solvent type on retardation properties of diltiazem HCl form liquisolid tablets, Colloids and Surfaces B: Biointerfaces, 2014, 113: 10-14.

113- **Adibkia K.,** Ghanbarzadeh S., Shokri MH., Arami Z., Arash Z., Shokri J., Micro-porous surfaces in controlled drug delivery systems: Design and evaluation of diltiazem hydrochloride controlled porosity osmotic pump using non-ionic surfactants as pore-former, Pharmaceutical Development and Technology, 2014, 19 (4), 507-512.

114- Javadzadeh Y., Monajjemzadeh F., Safaei E., **Adibkia K.,** Release kinetics of sodium diclofenac from a controlled release device, Pharmind (Die Pharmazeutische Industrie), 2014, 11: 1786-1791. **[Corresponding author]**

115- **Adibkia K.,** Hanaee J., Ghanbarzadeh S., Bahrami R., Shokri J., Micro-suspension coating method: a new approach in formulation and development of controlled porosity osmotic pump systems, Drug Research, 2014, 64 (4), 203-207.

116- **Adibkia K.,** Ghanbarzadeh S., Mohammadi G., Zolfaghari Khiavi H., Sabzevari A., Barzegar-Jalali M., Drug release kinetic analysis and prediction of release data via polymer molecular weight in sustained release diltiazem matrices, Drug Research, 2014, 64:118-123.

117- Barzegar-Jalali A., Barzegar-Jalali M., Javadzadeh Y., **Adibkia K.,** Evaluating the Importance of Sky in Human Health and Life, From the Viewpoint of Holy Quran, Quran and Medicine, 2014, 3 (1).

118- Sabzevari A., **Adibkia K.,** Hashemi H., De Geest B.G., Mohsenzadeh N., Atyabi F., Ghahremani MH., Khoshayand MR., Dinarvand R., Improved anti-inflammatory effects in rabbit eye model using biodegradable poly beta-amino ester nanoparticles of triamcinolone acetonide, Invastigative Ophthalmology and Visual Science, 2013,15; 4(8): 5520-6.

119- Shokri J., Hasanzadeh D., Ghanbarzadeh S., Dizadji-Ilkhchi D., **Adibkia K.,** The Effect of Beta-Cyclodextrin on Percutaneous Absorption of Commonly Used Eusolex® Sunscreens, Drug Research, 2013, 63: 591-596. **[Corresponding author]**

120- **Adibkia K.,** Barzegar-Jalali M., Maheri-Eafanjani H., Ghanbarzadeh S., Shokri J., Sabzevari A., Javadzadeh Y., Physicochemical characterization of naproxen solid dispersions prepared via spray drying technology, Powder Technology, 2013, 246: 448-455.

121- **Adibkia K.,** Ghanbarzadeh S., Mohammadi G., Bairami Atashgah R., Sabzevari A.,Gastro Retentive Drug Delivery Systems: A Review, Journal of Reports in Pharmaceutical Sciences (JRPS), 2013, 2(2), 9-23.

122- Shokri J., Zarrintan MH., Ghanbarzadeh S., Arash Z., Farahani A., **Adibkia K.,** The Effect of Pore-Formers and Plasticizers on the Release Kinetic of Diltiazem Hydrochloride from the Controlled Porosity Osmotic Pumps, Drug Research, 2013, 63(8), 414-419. **[Corresponding author]**

123- Sabzevari A., **Adibkia K.,** Hashemi H., Hedayatfar A., Mohsenzadeh N., Atyabi F., Ghahremani MH., Dinarvand R., Polymeric triamcinolone acetonide nanoparticles as a new alternative in the treatment of uveitis: In vitro and in vivo studies, European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84:63-71.

124- Barzegar-Jalali M., Hanaee J., Omidi Y., Ghanbarzadeh S., Mizani Oskoii F., Jafari Aghdam N., **Adibkia K.,** Formulation and Evaluation of Sustained Release Dosage Form of Nifedipine Hydrochloride Using Hydrophilic Polymers, Journal of Reports in Pharmaceutical Sciences (JRPS), 2013, 2 (3): 32-37. **[Corresponding author]**

125- **Adibkia K.,** Babaei H., Asnaashari S., Andalib S., Khorrami A., Ghavimi H., Jadidinia V., Hajiloo H., Barzegar-Jalali M., Serum concentrations and hypoglycemic effect of gliclazide:crosspovidone solid dispersion on streptozotocin induced diabetic rats, Drug Research, 2013, 63(2), 94-97.

126- Barzegar-Jalali M., Hanaee J., Omidi Y., Ghanbarzadeh S., Ziaee S., Bairami-Atashgah R., **Adibkia K.,** Preparation and evaluation of sustained release calcium alginate beads and matrix tablets of acetazolamide, Drug Research, 2013, 60(2), 60-64. **[Corresponding author]**

127- Nikbakht MR., Murtomäki L., Urtti A., **Adibkia K.,** Mohammadi G., Iontophoretic Transport of High and Low Molecular Weight Plasmids through Durapore as a Model Membrane, Pharmaceutical Sciences , 2012, 1(1), 9-14.

128- Barzegar-Jalali M., Mohammadi K., Mohammadi G., Valizadeh H., Barzegar-Jalali A., **Adibkia K.**, Nokhodchi A., A Correlative Model to Predict In Vivo AUC for Nanosystem Drug Delivery with Release Rate-Limited Absorption, Journal of Pharmacy and Pharmaceutical Sciences (Canada), 2012, 15 (4), 583-591.

129- **Adibkia K.**, Barzegar-Jalali M., Javadzadeh Y., Hosein Maheri-Eafanjani, A review on the methods and applications of spray drying technology, Pharmaceutical Sciences, 2012, 18 (2), 119- 132.

130- **Adibkia K.,** Barzegar-Jalali M., Javadzadeh Y., Bayrami R., Mohammadi G., A review on the porous adsorbents in drug delivery systems, Pharmaceutical Sciences, 2012, 18 (2), 103- 118.

131- **Adibkia K.,** Alaei-Beirami M., Barzegar-Jalali M., Mohammadi G., Shafiee Ardestani M., Evaluation and optimization of factors affecting novel diclofenac sodium-eudragit RS100 nanoparticles, African Journal of Pharmacy and Pharmacology, 6(12), 941-947, 29 March, 2012.

132- Barzegar-Jalali M., Alaei-Beirami M., Javadzadeh Y., Mohammadi G., Hamidi A., Andalib S., **Adibkia K.,** Comparison of physicochemical characteristics and drug release of diclofenac sodium–eudragit® RS100 nanoparticles and solid dispersions, Powder Technology, 2012, 219, 211-216. **[Corresponding author]**

133- Javadzadeh Y., **Adibkia K.**, Bozorgmehr Z., Dastmalchi S., Evaluating retardation and physicochemical properties of co-ground mixture of Na- diclofenac with magnesium stearate, Powder Technology, 2012, 218, 51-56. **[Corresponding author]**

134- Mohammadi G., Nokhodchi A., Barzegar-Jalali M., Lotfipour F., **Adibkia K.,** Ehyaei N, Valizadeh H., Physicochemical and anti-bacterial performance characterization of Clarithromycin nanoparticles as colloidal drug delivery system, Colloids and Surfaces B: Biointerfaces, 2011, 88(1) 39-44.

135- **Adibkia k**., Hamedeyazdan S., Javadzadeh Y., Drug release kinetics and physicochemical characteristics of floating drug delivery systems, Expert Opinion on Drug Delivery, (2011) 8(7) 891-903.

136- Movassaghian S., Barzegar-Jalali M., Alaeddini M.,Hamedyazdan S., Afzalifar R., Zakeri-Milani P., Mohammadi G., **Adibkia K**., Development of amitriptyline buccoadhesive tablets in management of pain in dental procedures, Drug Development and Industrial Pharmacy, 2011, 37 (7), 1-12. **[Corresponding author]**

137- **Adibkia K.**, Javadzadeh Y., Dastmalchi S., Mohammadi G., Kari Niri F., Alaei-Beirami M., Naproxen-eudragit® RS100 nanoparticles: preparation and physicochemical characterization, Colloids and Surfaces B: Biointerfaces, 2011, 83(1):155-9. **[Corresponding author]**

138- **Adibkia K.,** Barzegar-Jalali M., Mohammadi G., Ebrahimnejhad H., Alaei-Beirami M, Effect of sodium alginate chain length and Ca2+ and Al3+ on the release of diltiazem from matrices, Pharmaceutical Sciences, (2011), 16(4): 221-228.

139- Asnaashari S., Khoei NS., Zarrintan MH., **Adibkia K.**, Javadzadeh Y., Preparation and evaluation of novel metronidazole sustained release and floating matrix tablets, Pharm Dev Technol. 2011, 16 (4), 400-407.

140- Barzegar-Jalali M., Hanaee J., Mohammadi G., Ahangary Z., Alaei-Beirami M., **Adibkia K.,** Effect of different buffered and unbuffered dispersion medium on the physical and chemical stability of nystatin suspensions, Pharmacia, 2010, 1(1), 19-23. **[Corresponding author]**

141- Javadzadeh Y., Ahadi F., Davaran S., Mohammadi G., Sabzevari A., **Adibkia K.,** Preparation and physicochemical characterization of naproxen-PLGA nanoparticles, Colloids and Surfaces B: Biointerfaces, 2010, 81(498-502). **[Corresponding author]**

142- Mohammadi G., Valizadeh H., Barzegar-Jalali M., Lotfipour F., **Adibkia K.**, Milani M., Azhdarzadeh M, Kiafar F., Nokhodchi A., Development of azithromycin-PLGA nanoparticles: physicochemical characterization and antibacterial effect against Salmonella typhi, Colloids and Surfaces B: Biointerfaces, 2010, 80: 34-39.

143- Mohammadi G., Barzegar-Jalali M., Valizadeh H., Nazemiyeh H., Barzegar-Jalali A., Siahi Shadbad MR., **Adibkia K.**, Zare M., Reciprocal powered time model for

release kinetic analysis of ibuprofen solid dispersions in oleaster powder, microcrystalline cellulose and crospovidone, J Pharm Pharmaceut Sci (www.cspsCanada.org) 2010, 13(2), 152-161.

144- Barzegar-Jalali M., Valizadeh H., Siahi Shadbad MR., Adibkia K., Mohammadi G., Farahani A., Arash Z., Nokhodchi A., Cogrinding as an approach to enhance dissolution rate of a poorly water-soluble drug (gliclazide), Powder Technology (2010), 197(3): 150-158.

145- **Adibkia K.**, Barzegar-Jalali M., Nokhodchi A., Siahi Shadbad MR., Omidi Y. , Javadzadeh Y., Mohammadi G., A review on the methods of preparation of pharmaceutical nanoparticles, Pharmaceutical Sciences, Summer (2010), 15 (4), 303-314.

146- Javadzadeh Y., Hamedeyazdan S., **Adibkia K.**, Kiafar F., Zarrintan MH., Barzegar-Jalali M., Evaluation of drug release kinetics and physicochemical characteristics of metronidazole floating beads based on calcium silicate and gas forming agents, Pharmaceutical Development and Technology, 2010, 15(4): 329–338.

147- Barzegar-Jalali M. , Valizadeh H., Mohammadi G., **Adibkia K.**, Analytical review of drug dissolution and release kinetic models, Pharmaceutical Sciences, Winter (2009) 14 (4): 191- 207.

148- Mohammadi G., Barzegar-Jalali M., Siahi Shadbad M., Azarmi S., Barzegar-Jalali A., Rasekhian M., **Adibkia K.**, Danesh-Bahreini M., Zare M., Raeesi R. The effect of inorganic cations Ca2+ and Al3+ on the release rate of propranolol hydrochloride from sodium carboxymethylcellulose matrices, Daru, 2009, 17(2): 131-138.

149- Barzegar-Jalali M., **Adibkia K.**, Valizadeh H., Siahi Shadbad MR., Nokhodchi A., Omidi Y., Mohammadi G., Hallaj Nezhadi S., Hasan M., Kinetic Analysis of Drug Release From Nanoparticles, Journal of Pharmacy and Pharmaceutical Sciences (Canada) 2008; 11(1): 167-177.

150- **Adibkia K.**, Siahi Shadbad MR., Nokhodchi A., Javadzedeh A., Barzegar-Jalali M., Barar J., Mohammadi Gh., Omidi Y., Piroxicam nanoparticles for ocular delivery: Physicochemical characterization and implementation in endotoxin-induced uveitis, Journal of Drug Targeting, 2007, 15(6), 407-416.

151- **Adibkia K.**, Omidi Y., Siahi Shadbad MR., Nokhodchi A., Javadzedeh A., Barzegar-Jalali M., Barar J., Mohammadi Gh., Inhibition of endotoxin-induced uveitis by methylprednisolone acetate nanosuspension in rabbits, Journal of Ocular Pharmacology and Therapeutics, 2007 23(5), 421-432.

152- Barzegar-Jalali M., Valizadeh H., Dastmalchi S., Siahi Shadbad MR, Barzegar-Jalal A., **Adibkia K.**, Mohammadi G., Enhancing Dissolution Rate of Carbamazepine via Cogrinding with Crospovidone and Hydroxy propyl methyl cellulose, Iranian Journal of Pharmaceutical Research, 2007, 6 (3):159-165.

153- Barzegar-Jalali M., Siahi Shadbad M.R., Azarmi Sh., Barzegar-Jalali A., Mohammadi Gh., **Adibkia K.**, Study on the release of acetazolamide from matrices containing tragacanth and acacia gums, Pharmaceutical Sciences, Winter (2007) 21-28.

154- Nokhodchi A., Safari A., **Adibkia K.**, Parviz F., Ghafourian T., A Drug release study from hydroxypropylmethylcellulose (HPMC) matrices using QSPR modeling, Journal of Pharmaceutical Sciences, 2007, 96, 1-18.

155- Barzegar-Jalali M., **Adibkia K.**, Mohammadi Gh., Zeraati M., Aghaee Ghare Bolagh B., Nokhodchi A., Propranolol Hydrochloride Osmotic Capsule with Controlled Onset of Release, Drug Delivery, 2007, 14, 461-468.

156- Barzegar-Jalali M., Siahi Shadbad M.R., Barzegar-Jalali A., Mohammadi G., Azarmi S., Danesh-Bahreini M.A., **Adibkia K**., Rasekhian M., Raeesi R., Zare M., The effect of Al^{3+} on the propranolol hydrochloride release from polyanionic polymer matrices, Pharmaceutical Sciences, Autumn, 2007, 7-17.

157- Barzegar-jalali M., Siahi Shadbad M., Barzegar-jalali A., **Adibkia K.** Mohammadi Gh., Aghaee B., Zeraati M., Design and evaluation of delayed-release osmotic capsule of acetaminophen, Iranian Journal of Pharmaceutical Sciences, Spring 2006, 2(2): 65-72.

158- Valizadeh H., Mohammadi G., Zakeri-Milani P., Danesh-Bahreini M.A.,Nokhodchi A., **Adibkia K.**, Barzegar-Jalali M., Preparation and characterization of solid dispersions of piroxicam with hydrophilic carriers, Drug Development and Industrial Pharmacy, 2007, 33, 1-12.

159- Barzegar-Jalali M., Mohajjel Naebi A.,Valizadeh H. Hanaee J. Barzegar-Jalali A., **Adibkia K.,** Anoush M., Sistanizad M. Evaluation of in vitro – in vivo and anticonvulsive effect of carbamazepine after cogrinding with microcrystalline cellulose, Journal of Pharmacy and Pharmaceutical Sciences (Canada) 2006; 9(3): 307-316.

160- Hanaee J., Jouyban J., Dastmalchi S., **Adibkia K.**, Mirzazadeh A., Barzegar-Jalali M., Solubility prediction of sulfonamides at various temperatures using a single determination, Daru 2005; 13(2):37-45.

161- Valizadeh H., Mohammadi Gh., **Adibkia K.**, Zakeri-Milani P., Nokhodchi A. Effect of PEG molecular weight on the physicochemical properties of piroxicam solid dispersions prepared by melting method, Pharmaceutical Sciences, Journal of Tabriz Faculty of Pharmacy 2005, Summer, 33-39.

162- **Adibkia K.**, Nokhodchi A., Parviz F., Ghafourian T. Quantitative relationship between chemical structure of drugs and the release rate from HPMC E4M matrices, Pharmaceutical Sciences, Journal of Tabriz Faculty of Pharmacy 2004, Autumn & Winter (2):91-100.

163- Shokri J., Barzegar-Jalali M., Nokhodchi A., Adibkia K., Mohiti M. The effect of sodium laurul sulfate (SLS) on the dissolution rate of diazepam solid dispersions prepared by cogrinding technique, Pharmaceutical Sciences, Journal of Tabriz Faculty of Pharmacy 2003, Spring & Summer, 65-72.

164- Shokri J., Hanaee J., **Adibkia K.**, Zarrintan M.H., Mehrpooya M., Formulation of Nifedipine osmotic pump and evaluation of drug release from prepared formulations, Pharmaceutical Sciences, Journal of Tabriz Faculty of Pharmacy 2003, Autumn & Winter (2):75-85.