

# Curriculum Vitae

Last updated 14 August 2016

## Personal data

Name: Maryam Khoubnasabjafari

Date of Birth: 27st March 1975

Gender: Female

Marital status: Married

Place of Birth: Tabriz

Nationality: Iranian

<https://scholar.google.com/citations?user=cKaRxEwAAAAJ&hl=en>

## Address:

Tuberculosis & Lung Diseases Research Center, Tabriz University of Medical Sciences, Tabriz, Iran

Phone: 0984133378093

Fax: 0984133378093

Email: [mkjafari2@yahoo.com](mailto:mkjafari2@yahoo.com)

## Education:

High School Diploma: Zynabe Kobra High School, Tabriz, Iran, 1993.

M.D: (Islamic Azad university of Tabriz), Tabriz, Iran, 2000

Ph.D. in Clinical Sciences (Molecular Diagnosis of Diseases): Tabriz University of Medical Sciences, Tabriz, Iran, 2015

**Title of M.D Thesis:** Evaluation of the most common causes of Atrial Fibrillation in patients admitted to 29 Bahman hospital from September 1999 to August 2000.

**Title of PhD Thesis:** Exhaled breath condensate as a sampling method

## Official Posts:

1. Emergency Physicians in Shahid Madani Hospital 2 years
2. Employment at the Tabriz University of Medical sciences since October 2010
3. Assistance Professor in Tuberculosis & lung diseases Research center since February 2016

## **Publications:**

1. *Critical Review of Malondialdehyde Analysis in Biological Samples*, Khoubnasabjafari M, Ansarin K, Jouyban A, *Current Pharmaceutical Analysis*, 2016, 12, 4-17.
2. *Comments on “An investigation into the serum thioredoxin, superoxide dismutase, malondialdehyde, and advanced oxidation protein products in patients with breast cancer”*, Khoubnasabjafari M, Ansarin K, Jouyban A, *Annals of Surgical Oncology*, in press.
3. *Reliability of malondialdehyde as a marker of oxidative stress in pediatrics*, Khoubnasabjafari M, Ansarin K, Jouyban A, *Pediatrics and Neonatology*, Accepted.
4. A possible reason for the low reproducibility of malondialdehyde determinations in biological samples, Azizi S, Shahrisa A, Khoubnasabjafari M, Ansarin K, Khoubnasabjafari M, Soleymani J, Jouyban A, *Bioanalysis* (2016) 8(21), 2179–2181.
5. *Direct analysis of methadone in exhaled breath condensate by capillary zone electrophoresis*, Hamidi S, Khoubnasabjafari M, Ansarin K, Jouyban-Gharamaleki V, Jouyban A, *Current Pharmaceutical Analysis*, in press.
6. *A new kinetic-mechanistic approach to elucidate electrooxidation of doxorubicin hydrochloride in unprocessed human fluids using magnetic grapheme based nanocomposite modified glassy carbon electrode*. Soleymani J, Hasanzadeh M,

- Shadjou N, Khoubnasabjafari M, Vaez-Gharamaleki J, Yadollahi M, Jouyban A, Materials Science & Engineering C, 2016, 61, 638-650.*
7. *Comments on “Salivary 8-hydroxy-2-deoxyguanosine, malondialdehyde, vitamin C, and vitamin E in oral pre-cancer and cancer: diagnostic value and free radical mechanism of action”. Khoubnasabjafari, M., Ansarin, K., Vaez-Gharamaleki, J., Jouyban, A., Clinical Oral Investigations, 2016, 20, 395-396,*
  8. *Variations of malondialdehyde in pre-eclampsia, Khoubnasabjafari M, Ansarin K, Jouyban A, Hypertension in Pregnancy, In press, 2016,*
  9. *Sensing of doxorubicin hydrochloride using graphene quantum dot modified glassy carbon electrode, Hasanzadeh M, Hashemzadeh N, Shadjou N, Eivazi-Ziaei J, Khoubnasabjafari M, Jouyban A, Journal of Molecular Liquids, 2016 221, 354–357.*
  10. *Graphene quantum dot modified glassy carbon electrode for the determination of doxorubicin hydrochloride in human plasma, Hashemzadeh N, Hasanzadeh M, Shadjou N, Eivazi-Ziaei J, Khoubnasabjafari M, Jouyban A, Journal Pharmaceutical Analysis, 2016, 6, 235–241.*
  11. *Methadone concentrations in exhaled breath condensate, serum and urine of patients under maintenance treatment, Khoubnasabjafari M, Ansarin K, Jouyban-Gharamaleki V, Panahi-Azar V, Hamidid, Azarmire Z, Jouyban A, Iranian Journal Pharmaceutical Research, accepted ????,*
  12. *Comments on “Altered lipid peroxidation markers are related to post-traumatic stress disorder (PTSD) and not trauma itself in earthquake survivors”,*

- Khoubnasabjafari M, Jouyban A, European Archives of Psychiatry and clinical Neuroscience, in press*
13. *Analysis of bosentan in human plasma and urine using a validated HPLC-UV method combined with dispersive liquid-liquid microextraction, Sajedi-Amin S, Assadpour-Zeynali K, Rashidi F, Khoubnasabjafari M, Journal of the Brazilian Chemical Society Accepted,*
  14. *Density, viscosity, surface tension, and molar volume of propylene glycol + water mixtures from 293 to 323 K, Khattab, I.S., Bandarkar, F., Khoubnasabjafari, M., Jouyban, A., Arabian Journal of Chemistry, In press*
  15. *Comments concerning “Comparison of airway and systemic malondialdehyde levels for assessment of oxidative stress in cystic fibrosis”, Khoubnasabjafari M, Ansarin K, Jouyban A, Lung, 2015, 193, 867-868.*
  16. *Reliability of malondialdehyde as a biomarker of oxidative stress in psychological disorders, Khoubnasabjafari M, Ansarin K, Jouyban A, Bioimpacts, 2015, 5, 123-127.*
  17. *Extraction and Analysis of Methadone in Exhaled Breath Condensate Using a Validated LC-UV Method, Khoubnasabjafari M, Ansarin K, Jouyban-Gharamaleki V, Panahi-Azar V, Shayanfar A, Mohammadzadeh L, Jouyban A, , Journal of Pharmacy and Pharmaceutical Sciences, 2015, 18, 207 – 219.*
  18. *Comments on “Use of malondialdehyde as a biomarker for assessing oxidative stress in different disease pathologies: A review”, Khoubnasabjafari M, Ansarin K, Jouyban A, Iranian Journal of Public Health, 2015, 44, 714-715.*

19. *Spectroscopic analysis of bosentan in biological samples after a liquid-liquid microextraction*, Sajedi-Amin, S, Assadpour-Zeynali, K, Panahi-Azar, V, Kebriaeezadeh, A, Khoubnasabjafari, M, Ansarin, K, Jouyban-Gharamaleki, V, Jouyban, A, *Bioimpacts*, 2015, 5(4), 191-197 doi: 10.15171/bi.2015.2.
20. *Electrodeposition of taurine on gold surface and electro-oxidation of malondialdehyde*, Zamani-Kalajahi M, Hasanzadeh M, Shadjou N, Khoubnasabjafari M, Ansarin K, Jouyban-Gharamaleki V, Jouyban A, *Surface Engineering*, 2015, 31, 3, 194-201.
21. *Viscosity and surface tension of glycerol + N-methyl-2-pyrrolidone mixtures from 293 to 323 K*, Bandarkar F, Khattab I.S., Martinez, F., Khoubnasabjafari M, Vahdati S, Jouyban A, *Physics and Chemistry of Liquids*, 2015, 53, 104-116.
22. *Solubility Prediction of Paracetamol in N-Methyl-2-pyrrolidone + Ethanol + Water Mixtures at 25 °C*, Ahmadi F, Sadrjavadi K, Mohammadi G, Separham A, Barzegar-Jalalic M, Khoubnasabjafari M and Jouybane A, *Journal of Applied Solution Chemistry and Modeling*, 2014, 3, 164-168.
23. *Breath sampling setup*. Jouyban A, Khoubnasabjafari M, Ansarin K, Jouyban-Gharamaleki V. *Iranian Patent*, 81363, 2013.
24. *Dispersive liquid-liquid microextraction based on solidification of floating organic droplet followed by spectrofluorimetry for determination of carvedilol in human plasma*, Zamani-Kalajah, M., Fazeli-Bakhtiyari, R., Amiri, M., Golmohammadi, A., Afrasiabi, A., Khoubnasabjafari, M., Jouyban, A., *Bioanalysis*, 2013, 5, 437-448.

25. *Modelling aldehyde oxidase activity in aqueous-organic solvent mixtures at various temperatures*, Jouyban, A., Dehghany, M., Rashidi, M.R., Dehghan, Gh., Khoubnasabjafari, M., *Journal of King Saud University (Science)*, 2013 (Jun), 25, 229-233.
26. *Solubility of methocarbamol in some cosolvent + water mixtures at 298.15 K*, Cárdenas., Z.J., Jiménez, D.M., Rodríguez, G.A., Delgado, D.R., Martínez, F., Khoubnasabjafari, M., Jouyban, A., *Journal of Molecular Liquids*, 2013, 188, 162-166.
27. *Review on exhaled biomarkers in different pulmonary diseases*, Khoubnasabjafari, M., Ansarin, K., Jouyban, A., *Tabriz Medical Journal (in Persian)*, 2013, 35, 96-105.
28. *A global model to predict density of non-aqueous binary solvent mixtures at various temperatures*, Jouyban, A., Maljaei, S.H., Khoubnasabjafari, M., Fathi-Azarbayjani, A., *Indian Journal of Chemistry A*, 2012, 51, 695-698.
29. *Research performances of Organization of Islamic Conference (OIC) members*, Khoubnasabjafari, M., Sadeghifar, S., Jouyban, A., *Bioimpacts*, 2012, 2, 111-122.
30. *Solubility of Salbutamol and Salbutamol Sulphate in Ethanol + Water Mixtures at 25 °C*, Ali, H.S.M., York, P., Blagden, Khoubnasabjafari, M., Acree Jr., Jouyban, A., *Journal of Molecular Liquids*, 2012, 173, 62-65..
31. *Solubility of drugs in ethanol-ethyl acetate mixtures at various temperatures*, Jouyban, V., Khoubnasabjafari, M., Martinez, F., Peña, A., Jouyban, A., *Journal of Drug Delivery Science and Technology*, 2012, 22, 545-547.
32. *Volumetric properties of (PEG 400 + water) and (PEG 400 + ethanol) mixtures*

- at several temperatures and correlation with the Jouyban-Acree model, Rodríguez, G.A., Hulgins, A.R., Martínez F., Khoubnasabjafari, M., Jouyban, A., Revista Colombiana de Ciencias Químico Farmacéuticas, 2012, 41, 187-202.*
33. *The effect of quince leaf decoction on renal injury induced by hypercholesterolemia in rabbits: A pilot study, Jouyban, A., Shoja, M.M., Ardalan, M.R., Khoubnasabjafari, M., Sadighi, A.R., Shane Tubbs, R., Agutter, P.S., Ghabili, K., Journal of Medicinal Plants Research, 2011, 5, 5291-5295..*
34. *Phytochemistry and bioactivity of quince (Cydonia oblonga Mill.): A review, Khoubnasabjafari, M., Jouyban, A., Journal of Medicinal Plants Research, 2011, 5, 3577-3594.*
35. *Contribution of Iranian Chemists in chemical research, in comparison to four leading states in the region, Khoubnasabjafari, M., Sadeghifar, E., Khalili, M, Vaez-Gharamaleki, J., Jouyban, A., Revista Colombiana de Ciencias Químico Farmacéuticas, 2011, 40, 240-260.*
36. *Volumetric properties of some pharmaceutical binary mixtures at low temperatures and correlation with the Jouyban-Acree model, Rodríguez, G.A., Delgado, D.R., Martínez F., Khoubnasabjafari, M., Jouyban, A., Revista Colombiana de Ciencias Químico Farmacéuticas, 2011, 40, 222-239.*
37. *Ab initio solubility prediction of non-electrolytes in ternary solvents using a combination of Jouyban-Acree and Abraham models, Asian Journal of Chemistry, 2008, 20, 3413-3437.*
38. *Solubility prediction of solutes in non-aqueous binary solvent mixtures, Journal of the Brazilian Chemical Society, 2008, 19, 604-610 + S1-S9.*

39. *Predicting solubility of anthracene in non-aqueous solvent mixtures using a combination of Jouyban-Acree and Abraham models, Chemical and Pharmaceutical Bulletin, 54, 1124-1130, 2006*  
*Solubility prediction of pyrene in non-aqueous solvent mixtures using Jouyban-Acree, Asian Journal of Chemistry, 2007, 19, 1853-1862.*
40. *Modeling the solvatochromic parameter ( $E_T^N$ ) of mixed solvents with respect to solvent composition and temperature using Jouyban-Acree model, Daru, 2006, 14, 22-25.*
41. *Solubility prediction of paracetamol in binary and ternary solvent mixtures using Jouyban-Acree model, Chemical and Pharmaceutical Bulletin, 54, 428-431, 2006.*
42. *Refractive index correlation of solvent mixtures at various temperatures, Asian Journal of Chemistry, 2006, 18, 2037-2040.*
43. *Solubility prediction of salicylic acid in water-ethanol-propylene glycol mixtures using Jouyban-Acree model, Die Pharmazie, 2006, 61, 318-321.*
44. *Solubility prediction of anthracene in non-aqueous solvent mixtures using a combination of Jouyban-Acree and Abraham models, Canadian Journal of Chemistry, 2006, 54, 874-885.*
45. *Mathematical representation of solubility of amino acids in binary aqueous-organic solvent mixtures at various temperatures using Jouyban-Acree model, Die Pharmazie, 2006, 61, 789-792.*
46. *Mathematical representation of solubility of electrolytes in binary solvent mixtures using Jouyban-Acree model, Chemical and Pharmaceutical Bulletin, 2005, 53, 1591-1593.*



47. *Modeling the capacity factor of analytes in MEKC, Iranian Journal of Pharmaceutical Sciences, 2005 1, 47-57.*
48. *Modeling the entrainer effects on solubility of solutes in supercritical carbon dioxide, Chemical and Pharmaceutical Bulletin, 2005, 53, 290-295.*
49. *Calculation of the viscosity of binary liquids at various temperatures using Jouyban-Acree model, Chemical and Pharmaceutical Bulletin, 2005, 53, 519-523.*
50. *Mathematical representation of solute solubility in a binary mixture of supercritical fluids by using Jouyban-Acree model, Die Pharmazie, 2005, 60, 527-529.*
51. *Mathematical representation of the density of liquid mixtures at various temperatures using Jouyban-Acree model, Indian Journal of Chemistry A, 2005, 44, 1553-1560.*
52. *Solubility prediction in water-ethanol mixtures based on excess free energy approach using minimum number of experimental data, Die Pharmazie, 2004, 59, 117-120.*
53. *Application of the phenomenological model to electrophoretic mobility in mixed solvent electrolyte systems in capillary zone electrophoresis, Iranian Journal of Pharmaceutical Research, 2004, 3, 23-27.*
54. *Predicting electrophoretic mobility of beta-blockers in water-methanol mixed electrolyte system, Chromatographia, 2003, 57, 191-196.*
52. *Calculation of electrophoretic mobility in ternary solvent electrolyte systems, Journal of Pharmaceutical and Biomedical Analysis, 2003, 32, 203-208.*

53. *Electrophoretic behavior of alprenolol in mixed solvent electrolyte systems, Il Farmaco, 2003, 58, 1039-1044.*
54. *Solubility prediction of anthracene in mixed solvents using a minimum number of experimental data, Chemical and Pharmaceutical Bulletin, 2002, 50, 21-25.*
55. *Mathematical representation of electrophoretic mobility in ternary solvent electrolyte systems, Daru, 2002, 10, 92-97.*
56. *Modelling the electrophoretic mobility of basic drugs in aqueous methanolic buffers in capillary electrophoresis, Daru, 2001, 9, 1-5.*