

## **Mohammad Reza Rouini**

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### **Education:**

1. PostDoc

Department of Pharmacology, University of Ottawa , Ottawa, Canada, 1996 -1995

2. Ph.D

Pharmaceutics, Faculty of Pharmacy, Teheran University of Medical Sciences, Teheran, Iran, 1995 -1989

3. Pharm D

Pharmacy, Faculty of Pharmacy, Teheran University, Teheran, Iran, 1988 -1983

### **Awards & Honors:**

1. Winner of Ibn-Sina Research Prize

2002,

2. Winner of Natinal Razi Research Prize

2003,

### **Management tasks:**

Vice Dean for finance and administration

Faculty of Pharmacy, 2014

**Editorial Board & Reviewing Activities:**

DARU, Journal of Faculty of Pharmacy, Teheran University of Medical Sciences, Teheran, Iran  
Editor

**Memberships:**

- 1- Board of Pharmaceutics Examiners, MOH
- 2- Chairman of the board: Pars Daru Pharmaceutical co.
- 3- Member of the board of directors: Modava Pharmaceutical co.
- 4- Member of the board: Huber Daru Gostar, Knowledge based Pharmaceutical co.
- 5- Member of the board: Pharmaceutical Products incubator of Tehran University of Medical Sciences.

**No. of PhDs Ongoing:**

Role as Supervisor: 2          Role as Co-Supervisor: 4

**No. of PhDs Successfully completed**

Role as Supervisor: 9          Role as Co-Supervisor: 9

**Publications:**

- 1- Esmaeili Z., Mohammadi S., Nezami A., **Rouini M.R.**, Ardakani Y.H., Lavasai H., Ghazi-Khansari M.

A disposition kinetic study of Tramadol in bile duct ligated rats in perfused rat liver model.

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- 2- Takzaree N., Hassanzadeh Gh., **Rouini M.R.**, Manayi A., adjiakhondi A., Majidi Zolbin M.

Evaluation of the Effects of Local Application of Thyme Honey in Open Cutaneous Wound Healing.

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3- Shahrami B., Najmeddin F., Mousavi S., Ahmadi A., **Rouini MR.**, Mojtahedzadeh M.

CP-184 Correlations of vancomycin clearance during intermittent infusion with measured and estimated creatinine clearance in critically ill patients: 6 hour urine collection may be beneficial.

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4- Raigani M., **Rouini M.R.**, Golabchifar A.A., Mirabzadeh E., Vaziri B, Barkhordari F., Davami F., Mahboudi F.

Scale up and pharmacokinetic study of a novel mutated chimeric tissue plasminogen activator (mt-PA) in rats.

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5- Shahbeig H., Mehrnia M.R., Mohammadi A.M., Eivanpoor Moghaddam P., **Rouini M.R.**

Pharmaceutical wastewater treatment using membrane bioreactor-ozonation system.

(2017) *Water and Environment Journal*. 31(1): 57-63

6- Ghasemian, E., Vatanara, A., Navidi, N., **Rouini, M.R.**

Brain delivery of baclofen as a hydrophilic drug by nanolipid carriers: Characteristics and pharmacokinetics evaluation

(2017) *Journal of Drug Delivery Science and Technology*, 37: 67-73

7- **M.R. Rouini**, Mino Afshar.

Effect of CYP2D6 polymorphisms on the pharmacokinetics of propafenone and its two main metabolites,

(2017) *Thérapie*, 72 (3), 373-382

8- Moghtadaee S., Ardakani, Y.H., Lavasani, H., **Rouini, M.R.**

Imatinib metabolism and disposition in isolated rat perfused liver

(2016) *Iranian Journal of Pharmaceutical Sciences*, 12 (1), pp. 69-84

9- Ghasemian, E., Vatanara, A., **Rouini, M.R.**, Rouholamini Najafabadi, A., Gilani, K., Lavasani, H., Mohajel, N.

Inhaled sildenafil nanocomposites: lung accumulation and pulmonary pharmacokinetics

(2016) *Pharmaceutical Development and Technology*, 21 (8), pp. 961-971

10- Golabchifar, A.A., Rezaee, S., Dinan, N.M., Kebriaeezadeh, A., **Rouini, M.R.**

Population Pharmacokinetic Analysis of the Oral Absorption Process and Explaining Intra-Subject Variability in Plasma Exposures of Imatinib in Healthy Volunteers

(2016) *European Journal of Drug Metabolism and Pharmacokinetics*, 41 (5), pp. 527-539.

11- Taghizadeh G., Pourahmad, J., Mehdizadeh, H., Foroumadi, A., Torkaman-Boutorabi A., Hassani S., Naserzadeh P., Shariatmadari, R., Gholami, M., **Rouini, M.R.**, Sharifzadeh, M.

Protective effects of physical exercise on MDMA-induced cognitive and mitochondrial impairment

(2016) *Free Radical Biology and Medicine*, 99, pp. 11-19.

12- Sheikholeslami, B., Gholami, M., Lavasani, H., **Rouini, M.**

Evaluation of the route dependency of the pharmacokinetics and neuro-pharmacokinetics of tramadol and its main metabolites in rats

(2016) *European Journal of Pharmaceutical Sciences*, 92, pp. 55-63.

13- Takzaree, N., Hadjiakhondi, A., Hassanzadeh, G., **Rouini, M.R.**, Manayi, A., Zolbin, M.M.

Transforming growth factor- $\beta$  (TGF- $\beta$ ) activation in cutaneous wounds after topical application of aloe vera gel

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14- Poursina, N., Vatanara, A., **Rouini, M.R.**, Gilani, K., Najafabadi, A.R.

The effect of excipients on the stability and aerosol performance of salmon calcitonin dry powder inhalers prepared via the spray freeze-drying process

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15- Sheikholeslami, B., Jamali, B., **Rouini, M.R.**

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16- Sheikholeslami B., Torkamanian M., Ardakani, Y.H., Jamali, B., **Rouini, M.R.**

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- 18- Hashemian F., Hashemian F., Molaali N., **Rouini M.R.**, Roohi E., Torabian S.  
Clinical effects of topical antifungal therapy in chronic rhinosinusitis: A randomized, double-blind, placebo-controlled trial of intranasal fluconazole  
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- 19- Takzaree N., Hadjiakhondi A., Hassanzadeh G., **Rouini M.R.**, Manayi A.  
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(2016) *Acta Medica Iranica*, 54 (4), pp. 233-239.
- 20- Shahbeig, H., Mehrnia, M.R., Mohammadi, A.R., Moghaddam, P.E., **Rouini, M.R.**  
Pharmaceutical wastewater treatment using membrane bioreactor-ozonation system  
(2016) *Water and Environment Journal*, Article in Press.
- 21- Shahrami B., Najmeddin F., Mousavi S., Ahmadi A., **Rouini M.R.**, Sadeghi K., Mojtahedzadeh M.  
Achievement of Vancomycin Therapeutic Goals in Critically Ill Patients: Early Individualization May Be Beneficial  
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- 22- Poursina N., Vatanara A., **Rouini M.R.**, Gilani, K., Rouholamini Najafabadi A.  
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(2015) *Pharmaceutical Development and Technology*, pp. 1-7: Article in Press.
- 23- Takzaree N., Hassanzadeh G., **Rouini M.R.**, Keshtkar A., Manayi A., Haajiakhondi A.  
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24- Azadi A., Rouini M.R., Hamidi M.

Neuropharmacokinetic evaluation of methotrexate-loaded chitosan nanogels

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25- Khezrian M., Sheikholeslami B., Dadashzadeh S., Lavasani H., **Rouini M.R.**

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Acknowledgement of manuscript reviewers 2014

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29- Dinan, N.M., Atyabi, F., **Rouini, M.R.**, Amini, M., Golabchifar, A.-A., Dinarvand, R

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Hydroxylation index of omeprazole in relation to CYP2C19 polymorphism and sex in a healthy Iranian population

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Population pharmacokinetics of imatinib in Iranian patients with chronic-phase chronic myeloid leukemia

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36- Ghasemian E., Vatanara A., Rouholamini Najafabadi A., **Rouini M.R.**, Gilani K., Darabi M.

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37- Nabi-Meibodi M., Vatanara A., Najafabadi A.R., **Rouini M.R.**, Ramezani V., Gilani K., Etemadzadeh S.M.H., Azadmanesh K.

The effective encapsulation of a hydrophobic lipid-insoluble drug in solid lipid nanoparticles using a modified double emulsion solvent evaporation method

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(2013) *Journal of Equine Veterinary Science*, 33 (6), pp. 410-414.

45- Nabi-Meibodi M., Navidi B., Navidi N., Vatanara A., **Rouini M.R.**, Ramezani V.

Optimized double emulsion-solvent evaporation process for production of solid lipid nanoparticles containing baclofene as a lipid insoluble drug

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46- Jamali B., Ardakani Y.H., **Rouini M.R.**, Foroumadi A., Amidi S., Aghdam V.H.Z., Kobarfard F.

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47- Lavasani H., Sheikholeslami B., Ardakani Y.H., Abdollahi M., Hakemi L., **Rouini M.R.**

Study of the pharmacokinetic changes of Tramadol in diabetic rats

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48- Honarbakhsh N., **Rouini M.R.**, Lesan-Pezeshki M., Javadi, M.R., Karimzadeh, I., Mohebbi, N., Gholami K.

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Preparation and optimization of surface-treated methotrexate-loaded nanogels intended for brain delivery

(2012) *Carbohydrate Polymers*, 90 (1); pp. 462-471.

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