

## CURRICULUM VITAE

Nafisah Al-Rifai

Born on 24.09.1982 in Anata-Jerusalem.

### Address in homecountry:

German-Jordanian University  
Faculty of Medical Sciences  
Department of Chemical-  
Pharmaceutical Engineering  
P.O. Box: 35247 Amman 11180 Jordan

### Professional Experience

---

- Since 1<sup>st</sup> April 2014      Assistant professor at the German-Jordanian University (Amman, Jordan).
- Oct. 2010 – Mar. 2014      A PhD student at Institut für Organische Chemie, Universität Regensburg (Regensburg, Germany).  
Supervisor: PD Dr. Sabine Amslinger.  
**Thesis title:** The  $\alpha$ -Substitution of Chalcones as a Tool to Modulate the Reactivity and Biological Activity.
- Apr. 2010 – Sep. 2010      Intensive German language course in InterDaF (Leipzig, Germany) - (DSH-2).
- Feb. 2007 – Mar. 2010      Teaching and research assistant then lecturer at German-Jordanian University (Amman, Jordan).
- Oct. 2004 – Feb. 2007      A Master student in Organic Chemistry, Chemistry Department at the University of Jordan (Amman, Jordan), excellent rating (3.94 out of 4).  
Supervisor: Prof. Musa Nazer (PhD from Harvard University).  
**Thesis Title:** Cyclization to Substituted-2*H*-Indazoles: Study of the Reaction of 2-Nitro-*N*-substituted Benzylamines with Cyclic and Acyclic Amines.
- Involved in teaching Inorganic Chemistry, Organic Chemistry (I) and Organic Chemistry (II) laboratories at the department.
- Oct. 2000 – Jun. 2004      A Bachelor student in Chemistry, Chemistry Department at the University of Jordan (Amman, Jordan), excellent rating (3.83 out of 4). The (1<sup>st</sup>) out of (102) students in the Academic year 2003/2004.  
Involved in teaching Inorganic Chemistry and Organic Chemistry (II) laboratories, Chemistry Department at the University of Jordan during my B. Sc. studies (2003-2004).

## Scholarship

---

Oct. 2010 – Mar. 2014      A PhD scholarship from DAAD (Deutscher Akademischer Austausch Dienst).

## Publications

---

1. Al-Gharabli, S.; Al-Rifai, N.; Saadeh, H. A.; Mosleh, I. M.; Mubarak, M. S., Solid phase synthesis and antiparasitic activity of a library of peptidyl metronidazoles. *Jordan Journal of Chemistry* **2010**, *5*,139-147.
2. Amslinger, S.;<sup>§</sup> Al-Rifai, N.;<sup>§</sup> Winter, K.; Wörman, K; Scholz, R.; Baumeister, P.; Wild, M., Reactivity Assessment of Chalcones by a Kinetic Thiol Assay. *Org. Biomol. Chem.* **2013**, *11*, 549-554. (<sup>§</sup> Both authors contributed equally to this work).
3. Al-Rifai, N.; Rucker, H.; Amslinger, S., Opening or Closing the Lock? – When Reactivity is the Key to Biological Activity. *Chem. Eur. J.* **2013**, *19*, 15384-15395.
4. Pinz, S.; Unser, S.; Brueggemann, S.; Besl, E.; Al-Rifai, N.; Petkes, H.; Amslinger, S.; Rasclé, A., The synthetic  $\alpha$ -bromo 2',3,4,4'-tetramethoxychalcone ( $\alpha$ -Br-TMC) inhibits the JAK/STAT signaling pathway. *PLOS ONE* **2014**, *9*, e90275.

## References

---

*Dr. Sabine Amslinger*  
Universität Regensburg  
Institut für Organische Chemie  
Universitätsstraße 31  
93053 Regensburg, Germany

*Prof. Dr. Burkhard König*  
Universität Regensburg  
Institut für Organische Chemie  
Universitätsstraße 31  
93053 Regensburg, Germany

*Prof. Dr. Musa Nazer*  
*University of Jordan*  
Faculty of Science, Chemistry Department  
Amman, Jordan  
E-mail: [mzn06@yahoo.com](mailto:mzn06@yahoo.com)