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MANAR ARAFEH



PERSONAL INFORMATION

Title: Dr.

Academic Rank: Assistant professor

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D	Nano chemistry	2011 - 2014	The Technical University of Berlin	Germany
Master	Chemistry	2005 - 2007	The Hashemite University of Jordan	Jordan
Bachelor	Chemistry	2001 - 2005	The Hashemite University of Jordan	Jordan

TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2018 – recent time	Assistant Professor	Middle-East Univ.	Faculty of Pharmacy	Jordan
2016 – 2017	Assistant Professor	Al-Zaytoonah Univ.	Faculty of Pharmacy	Jordan

PUBLICATIONS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
Jingyu Chen, Manar Arafef , Diana Felkel, Axel Loebus, Susan Kelleher, Anna Fischer, Marga Lensen, Hybrid Hierarchical Patterns of Gold Nanoparticles and Poly(Ethylene Glycol) Microstructures, J. Mat.. Chem. C, 2013, 1, 7709-7715.				
Zhenfang Zhang, Axel Loebus, Gonzalo de Vicente, Fang Ren, Manar Arafef , Zhaofei Ouyang, and Marga C. Lensen, Synthesis of Poly(ethylene glycol)- based Hydrogels via Amine Michael Type Addition with Tunable Stiffness and Postgelation Chemical Functionality, Chem. Mat., 2014, 26(12), 3624-3630.				
Raid J. Abdel-Jalil, Manar M. Arafef , Musa S. Shongwea, Cäcilia Maichle-Mößmer, Gabriele Kociok- Köhnd, and Wolfgang Voeltere. 1-(Naphthylamino)-1-(p-chlorophenylhydrazono)-2-propanone and 2-(p-tolyldiazenyl)-[1H]-3-methylbenzo[g]indole: Crystallographic and Spectroscopic Elucidation of the Cyclisation of an Arylamidrazone. J. Mol. Struc., 2015, 1079, 307-314.				
Manar M Arafef , Ebrahim Saedian Moghadam, Sirin Al Adham, Raphael Stoll, Raid J Abdel-Jalil, Synthesis and Cytotoxic Activity Study of Novel 2-(Aryldiazenyl)-3-methyl-1H-benzo [g] indole Derivatives. Molecules, 2021, 26(14), 4240.				

CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
- Manar Arafeh , CigdemYesildag, and Marga C. Lensen.	Transference of Different Shapes of Gold and Silver Nanoparticles from Silicon to the Surface of Polyethylene Glycol Hydrogel.	WE-Heraeus-Seminar on Micro- and Nano-structured Interfaces for Biological and Medical Research,		2013, Bad Honnef.
- Manar Arafeh , Amandine Guiet, Axel Löbus, Gonzalo de Vicente Lucas, Diana Felkel, Zhenfang Zhang, Anna Fischer, and Marga C. Lensen.	Micro- and Nano-patterned Surfaces for Selective Immobilization of Enzymes,	Tag der Chemie,		2012, Berlin.
- Manar Arafeh , Jingyu Chen, Amandine Guiet, Axel Löbus, Diana Felkel, Zhenfang Zhang, Gonzalo de Vicente Lucas, Susan Kelleher, Anna Fischer and Marga C. Lensen,	Micro- and Nano-patterned Surfaces for Selective Immobilization of Enzymes.	Poster, 13th Dresden Polymer Discussion and 8th Max Bergmann Symposium, "Molecular Bioengineering Meets Polymer Science",		2012, Dresden.
- Raid J. Abdel-Jalil, Manar M. Arafeh and Wolfgang Voelter.	Synthesis and Antitumor Activities of 2-(4-Substitutedphenyldiazenyl)-1H-3-methylbenzo[g]indoles.	The First Jordanian International Conference of Chemistry,		2006, Mutah University, Mutah.

WORKSHOPS ATTENDED

- Workshop "Job Applications in English", **Apr. 23/24, 2013**, Technische Universität Berlin, Berlin.
- Workshop "Self Sabotage", **Aug. 30, 2013**, Technische Universität Berlin, Berlin.
- Workshop "How to Write a Successful Proposal", **Jul. 15/16, 2011**, Center for Scientific Continuing Education and Cooperation at the "Technische Universität Berlin", Berlin.

RESEARCH INTERESTS

- Nano materials
- Organic chemistry

LANGUAGES

- Arabic (mother tongue)
- English (fluent)

- German (very good)

AWARDS RECEIVED

- Durchstarter Stipendium scholarship Technische Universität Berlin, Berlin (Germany).
- PhD Fellowship, Berlin International Graduate School (BIG-NSE, UniCat) scholarship, Berlin (Germany).
- Master Fellowship, The Hashemite University, Zarqa (Jordan).

REFERENCES

- **Prof. Ghassan Abu Sheikha**

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- **Prof. Dr. Marga C. Lensen**

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- **Prof. Dr. Anna Fischer**

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- **Dr.-Ing. Jean-Philippe Lonjaret**

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- **Dr. Raid Abdel-Jalil**

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