

Dr. Reema AbdelKareem Abu Khalaf
Medicinal Chemistry and Drug Discovery

د. ريماء عبد الكريم أبو خلف
الكيمياء الطبية واكتشاف الأدوية

Publications:

- **Abu Khalaf R**, Abu Sheikha G, Bustanji Y, Taha MO (2010) Discovery of new cholesteryl ester transfer protein inhibitors via ligand-based pharmacophore modeling and QSAR analysis followed by synthetic exploration. *Eur J Med Chem*, 45, 1598–1617.
<http://www.sciencedirect.com/science/article/pii/S0223523410000383>
- Abu Sheikha G, **Abu Khalaf R**, Areej Melhem, Ghadeer Albadawi (2010) Design, synthesis, and biological evaluation of new benzylamino-methanone based cholesteryl ester transfer protein inhibitors. *Molecules*, 15, 5721-5733.
<http://www.mdpi.com/1420-3049/15/8/5721>
- Abdula AM, **Abu Khalaf R**, Mubarak MS, Taha MO (2011) Discovery of New β -D-Galactosidase Inhibitors via Pharmacophore Modeling and QSAR Analysis Followed by In Silico Screening. *J Comp Chem*, 32 (3), 463-482.
<http://onlinelibrary.wiley.com/doi/10.1002/jcc.21635/abstract;jsessionid=A3A6C0F35ABD2F86B64334525A8FABBF.f01t04?deniedAccessCustomisedMessage=&userIsAuthenticated=false>
- **Abu Khalaf R**, Abdula AM, Mubarak MS, Taha MO (2011) Discovery of New β -D-Glucosidase Inhibitors via Pharmacophore Modeling and QSAR Analysis Followed by In Silico Screening. *J Mol Model*, 17 (3), 443-464.
<http://link.springer.com/article/10.1007/s00894-010-0737-1#page-1>
- Taha MO, Qandil AM, Al-Haraznah T, **Abu Khalaf R**, Zalloum H, Al-Bakri AG (2011) Discovery of New Anti Fungal Leads via Pharmacophore Modeling and QSAR Analysis of Fungal N-Myristoyl Transferase Inhibitors followed by *In Silico* Screening. *Chem Biol Drug Design*, 78, 391-407.
<http://onlinelibrary.wiley.com/doi/10.1111/j.1747-0285.2011.01160.x/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false>

- **Abu Khalaf R**, Abu Sheikha G, Al-Sha'er M, Ghadeer Albadawi, Taha MO (2012) Design, synthesis and biological evaluation of sulfonic acid ester and benzenesulfonamide derivatives as potential CETP inhibitors. *Medicinal Chemistry Research*, 21 (11), 3669-3680.
DOI: 10.1007/s00044-011-9917-5.
- Al-Qirim T, Shattat G, Sweidan K, El-Huneidi W, Abu Sheikha G, **Abu Khalaf R**, Hikmat S (2012) *In Vivo* Antihyperlipidemic Activity of New Series of *N*-(Benzoylphenyl) and *N*-(Acetylphenyl)-1-benzofuran-2-carboxamides in Rats. *Archiv der Pharmazie*, 345 (5), 401-406.
<http://onlinelibrary.wiley.com/doi/10.1002/ardp.201100225/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false>
- **Reema Abu Khalaf**, Ghassan Abu Sheikha, Mahmoud Al-Sha'er, Mutasem Taha (2013) Design, Synthesis and Biological Evaluation of N⁴-Sulfonamido-Succinamic, Phthalamic, Acrylic and Benzoyl Acetic Acid Derivatives as Potential DPP IV Inhibitors. *The Open Medicinal Chemistry Journal*, 7, 39-48.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3866624/>