Dima Sabbah, Ph.D.

PEER REVIEWED SCIENTIFIC ARTICLES (11SUBMITTED/ ACCEPTED/ PUBLISHED PEER REVIEWED ARTICLES)

1. Sweidan K., **Sabbah D. A.**, Bardaweel S., Dush K. A., Sheikha G.A., Mohammad S. Mubarak. Computer-Aided Design, Synthesis, and Biological Evaluation of New Indole-2-Carboxamide Derivatives as PI3Kα/EGFR Inhibitors. *J. Bioorg. Med. Chem. Lett. Submitted.*
2. **Sabbah D. A.**, Hu J., Jian Hu, Zhong H.A. Advances in the Development of Class I Phosphoinositide 3-Kinase (PI3K) Inhibitors. *Curr. Top. Med. Chem.* 2016, 16, 1-14.
3. **Sabbah D. A.**, Saada M., Abu Khalaf R., Bardaweel S., Sweidan K., Al-Qirim T., Al-Zughier A., Abdel Halim H., Abu Sheikha G. Molecular modeling based approach, synthesis, and cytotoxic activity of novel benzoin derivatives targeting phosphoinostide 3-kinase (PI3Kα). *J. Bioorg. Med. Chem. Lett.*2015, 25, 3120-3124.
4. Abu Khalaf R., Jarekji Z., Al-Qirim T., **Sabbah D.**, Shattat G. Pharmacophore modeling and molecular docking studies of acridines as potential DPP-IV inhibitors. *Can. J. Chem.*2015, 93, 721-929.
5. Sweidan K., **Sabbah D. A.**, Engelmann J., Abdel-Halim, H., Abu Sheikha G. Computational Docking Studies of Novel Heterocyclic Carboxamides as Potential PI3Kα Inhibitors. *Lett. Drug Des. Discov.*2015, 12, 1-8.
6. Sweidan K., Engelmann J., Abu Rayyan W., **Sabbah D.**, Abu Zarga M., Al-Qirim T., Al-Hiari Y., Abu Sheikha G., Shattat G. Synthesis and Preliminary Biological Evaluation of New Heterocyclic Carboxamide Models. *Lett. Drug Des. Discov.*2015, 12, 417-429.
7. **Sabbah D.A.,** Vennerstrom J.L., Zhong H. Binding Selectivity Studies of Phosphoinositide 3‑Kinases Using Free Energy Calculations**.** *J. Chem. Inf. Model.* 2012, 52, 3213−3224
8. **Sabbah D.A.,** Simms N.A., Dong, Y., Ezell, E.L., Brattain M.G., Vennerstrom J.L., Zhong H. *N*-phenyl-4-hydroxy-2-quinolone-3-carboxamides as selective inhibitors of mutant H1047R phosphoinositide-3-kinase (PI3Kα). *J. Bioorg. Med. Chem.*2012, 20, 7175-7183.

9. **Sabbah D.A.,** Simms N.A., Brattain M.G., Vennerstrom J.L., Zhong H. Biological evaluation and docking studies of recently identified inhibitors of phosphoinositide-3-kinases. *J. Bioorg. Med. Chem. Lett*.2012, 22, 876-880.
10. **Sabbah D.A.**, Brattain M.G., Zhong H. Dual Inhibitors of PI3K/mTOR or MTOR-Selective Inhibitors: Which way Shall We Go? *J. Current Medicinal Chemistry* 2011, 18, 5528-5544.
11. **Sabbah D.A.,** Vennerstrom J.L., Zhong H. Docking Studies on Isoform-Specific Inhibition of Phosphoinositide-3-Kinases. *J. Chem. Inf. Model.* 2010, 50, 1887-1898.