

الاسم: محمد أحمد زكى محمد  
الوظيفة: مدرس قسم العقاقير  
الابحاث التي تم نشرها

1. "Chemical profiling and biological screening of some River Nile derived-microorganisms"

Momen M. Lotfy, Hossam M. Hassan, Rabab Mohammed, Mona Hetta, Ahmed O. El Gendy, Mostafa E. Rateb, **Mohamed A. Zaki** and Noha M. Gamaleldin, *Frontiers in microbiology*, 2019, doi:10.3389/fmicb.2019.00787.

1. "[Epigenetic modifiers induce bioactive phenolic metabolites in the marine-derived fungus \*Penicillium brevicompactum\*](#)"

Seham El-Hawary, Ahmed Sayed, Rabab Mohammed, Hossam Hassan, **Mohamed Zaki**, Mostafa Rateb, Tarek Mohammed, Elham Amin, Usama Abdelmohsen, *Marine drugs*, 2018, 16 (8): 253.

1. "Monanchoramides A–D, ceramides from the marine sponge *Monanchora clathrata* with cytotoxic activity"

AE Raslan, MM Radwan, SA Ahmed, AM Nafady, **MA Zaki**, AS Wanas, Mohamed Abou-Karam, Thomas W Shier, Hashim A Hassanean, Mahmoud A ElSohly, *Phytochemistry Letters*, 2018, 23: 83-89

1. "Anti-inflammatory of pyrrolizidine alkaloids from *Heliotropium digynum*"

M Aboelmagd, K Elokely, **MA Zaki**, A Said, EG Haggag, SA Ross, *Medicinal Chemistry Research*, 2018, 27 (4): 1066-1073

1. "Monoamine oxidases inhibitors from *Colvillea racemosa*: Isolation, biological evaluation, and computational study"

Enas I Mohamed, **Mohamed A. Zaki**, Narayan D. Chaurasiya, A08smaa I. Owis, Sameh Abou Zid, Yan-Hong Wang, Bharathi Avula, Ahmed A. Seida, Babu L. Tekwani, Samir A. Ross, *Fitoterapia*, 2018, 124: 217-223

1. "Design and synthesis of new coumarin hybrids and insight into their mode of antiproliferative action"

Heba A. H. Elshemy, **Mohamed A. Zaki**, *Bioorganic and Medicinal Chemistry*, 2017, 25 (3): 1066-1075

1. "Bioactive Formylated Flavonoids from *Eugenia rigida*: Isolation, Synthesis, and X-ray Crystallography"

**Mohamed A. Zaki**, N. P. Dhammika Nanayakkara, Mona H. Hetta, Melissa R. Jacob, Shabana I. Khan, Rabab Mohammed, Mohamed A. Ibrahim, Volodymyr Samoylenko, Christina Coleman, Frank R. Fronczek, Daneel Ferreira, Ilias Muhammad, [\*Journal of Natural Products\*](#), 2016, 79 (9): 2341-49.

1. "Diversity-oriented natural product platform identifies plant constituents targeting *Plasmodium falciparum*"

Jin Zhang, John J. Bowling, David Smithson, Julie Clark, Melissa R. Jacob, Shabana I. Khan, Babu L. Tekwani, Michele Connelly, Vladimir Samoylenko, Mohamed A. Ibrahim, **Mohamed A. Zaki**, Mei Wang, John P. Hester, Ying Tu, Cynthia Jeffries, Nathaniel Twarog, Anang A. Shelat, Larry A. Walker, Ilias Muhammad, R. Kiplin Guy, *Malaria Journal*, 2016, 15: 270.

1. "Cytotoxicity and modulation of cancer-related signaling by (*Z*)- and (*E*)-3,4,3',5'-tetramethoxystilbene isolated from *Eugenia rigida*"

[Zaki MA](#), [Balachandran P](#), [Khan S](#), [Wang M](#), [Mohammed R](#), [Hetta MH](#), [Pasco DS](#), [Muhammad I](#), [\*Journal of Natural Products\*](#), 2013, 76 (4): 679-84.

1. "Preparation and Application of Reversed Phase Chromatorotor™ for the Isolation of Natural Products by Centrifugal Preparative Chromatography"

Muhammad Ilias, Volodymyer Samoylenko, Francis Machumi, **Mohamed A. Zaki**, Rabab Mohamed, Mona H. hetta and Van Gillum; *Natural Product Communications*; 2013; **8** (3), P\_311-314.

1. "Antibacterial Effects of Isoflavones Isolated from *Cicer arietinum*,"

**Mohamed A. Zaki** , Ali Zaid , Mostafa Magd and Sameh AbouZid ; *International journal of natural products*; 2012; **2** (1) – P\_1-5

1. "Antihypoglycemia, antioxidant and chemical composition of *Conyza dioscoridis* (L.) Desf. ) (L.) DC. growing in Egypt"

Soheir M. El Zalabania, Mona H. Hetta, Samir A. Ross, Amira M. Abo Youssef, **Mohamed A. Zaki** & Ahmed S. Ismail; *Australian Journal of Basic and Applied Sciences*; 2012; **6** (10) – P\_257-265.

1. "Study of Flavonoid Content of *Cicer arietinum* L."

O. A. Rashwan, M. Magd, S. AbouZid and **M. A. Zaki**

*Bulltein of Faculty of Pharmacy Cairo University*, 2009; **47** (3), P\_ 121-127.