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2023

## Research News, Publications, 2023, Volume 1

Soumyajit Majumdar

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**Interoffice Memorandum  
School of Pharmacy  
Office of Research & Graduate Programs  
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To: All School of Pharmacy and USDA personnel

From: Soumyajit Majumdar, Associate Dean for Research and Graduate Programs

Date: April 14, 2023

Publications which have appeared between January 1 and March 31, 2023:

1. Abdelgawad SM, Hetta MH, Ibrahim MA, Fawzy GA, El-Askary HI, Ross SA. Holistic Overview of the Phytoconstituents and Pharmacological Activities of Egyptian Riverhemp [*Sesbania sesban* (L.) Merr.]: A Review. *Natural Product Communications*. 2023;18(3). [doi: 10.1177/1934578X231160882](https://doi.org/10.1177/1934578X231160882)
2. Abdel-Sattar OE, Allam RM, Al-Abd AM, Avula B, Katragunta K, Khan IA, El-Desoky AM, Mohamed SO, El-Halawany A, Abdel-Sattar E, Meselhy MR. Cytotoxic and chemomodulatory effects of *Phyllanthus niruri* in MCF-7 and MCF-7<sup>ADR</sup> breast cancer cells. *Scientific Reports*. 2023;13(1). [doi: 10.1038/s41598-023-29566-0](https://doi.org/10.1038/s41598-023-29566-0)
3. Ahangar AA, Li J. Hotspots detection and distribution pattern of disease-associated mutations in voltage-gated sodium channels. *Biophysical journal*. 2023;122(3S1). [doi: 10.1016/j.bpj.2022.11.1470](https://doi.org/10.1016/j.bpj.2022.11.1470)

4. Akins NS, Salahuddin MF, Pandey P, Kim SJ, Mahdi F, Khan MIH, Moss EM, Worth CJ, Keane MM, Chittiboyina AG, Doerksen RJ, Paris JJ, Le HV. Alleviation of Cocaine Withdrawal and Pertinent Interactions between Salvinorin-Based Antagonists and Kappa Opioid Receptor. *ACS Chemical Neuroscience*. 2023;14(5):958-76. doi: [10.1021/acscchemneuro.2c00806](https://doi.org/10.1021/acscchemneuro.2c00806)
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9. Avula B, Katragunta K, Osman AG, Ali Z, John Adams S, Chittiboyina AG, Khan IA. Advances in the Chemistry, Analysis and Adulteration of Anthocyanin Rich-Berries and Fruits: 2000–2022. *Molecules*. 2023;28(2). doi: [10.3390/molecules28020560](https://doi.org/10.3390/molecules28020560)
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