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**RESEARCH TITLE: Synthesis of Pyrazoline Derivatives for Antimalarial Activity**

**REGISTRATION NO:** 2003-305-068 **REGISTRATION DATE:** 14-02-2011

**SUPERVISOR: Dr. M Mumtaz Alam** **CO-SUPERVISOR: Dr. Mymoona Akhtar**

**FELLOWSHIP:** CSIR, ICMR

**PUBLICATIONS & PATENTS** (Google Scholar)**:**

**Number:** 22 **Citations:** 1383 **h-index**: 16 **i-10:** 18

1. M. M Alam, D. P. Sarkar, O. Alam, A. Husain, **A. Marella**, M. Akhtar,   
   M. Shaquiquzzaman, S. Khanna (**2011**): Search for new pharmacophores as antimalarial agent: Synthesis and antimalarial activity of some 2(*3H*)-furanones bearing quinoline moiety. Acta Poloniae Pharmaceutica - Drug Research, 68, 231-236.
2. **A. Marella**, M. R. Ali, M. T. Ali, R. Saha, O. Tanwar, M. Akhter, M. Shaquiquzzaman, M. M. Alam (**2013**): Pyrazolines: A Biological Review. Mini-reviews in Medicinal Chemistry, 13, 921-931.
3. **A. Marella**, O. Tanwar, R. Saha, M. R. Ali, S. Srivastava, M. Akhter,   
   M. Shaquiquzzaman, M. M. Alam (**2013**): Quinoline: A Versatile Heterocyclic. Saudi Pharmaceutical Journal. 21, 1-12.
4. **A. Marella**, G. Verma, M. Shaquiquzzaman, M. Akhter, M. M. Alam (**2014**): Malaria: hitches and hopes. Mini-reviews in Medicinal Chemistry, 14, 453-470.
5. **A. Marella**, M. Shaquiquzzaman, M. Akhter, G. Verma, M. M. Alam (**2015**): Novel pyrazole-pyrazoline hybrids endowed with thioamide as antimalarial agents: Their synthesis and 3D-QSAR studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 30, 597-606.
6. **A. Marella**, M. Akhtar, M. Shaquiquzzzaman, O. Tanwar, G. Verma, M. M. Alam (**2015**): Synthesis, 3D-QSAR and docking studies of pyrimidine nitrile-pyrazoline: A novel class of hybrid antimalarial agents. Medicinal Chemistry Research, 24, 1018-1037.
7. **A. Marella**, M. Shaquiquzzaman, G. Verma, M. F. Khan, M. M. Alam (**2018**): Three-dimensional quantitative structure activity relationship studies of amino pyrazolines and their Schiff base derivatives. Journal of Pharmacy Research, 12, 346-350.

**PROFESSIONAL EXPERIENCE:**

1. Associate Manager, Novartis Corporate CenterAugust 2021 – Present
2. Team Lead, Freyr Global Regulatory Solutions and Services March 2020 – July 2022
3. Lead Associate, Genpact India Private Limited October 2017 – March 2020
4. Pharmalex India Private Limited June 2015 – September 2017
5. Ranbaxy Laboratories Limited December 2009 – October 2010

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| Jamia Hamdard - Wikipedia |  |