

CURRICULUM VITAE

MOHAMMAD ARIF WAGAY

Tel: +919622844540

E-mail: mohammadarif.chem@gmail.com

EDUCATION

Master of Science in Chemistry, (Grade A)
University Of Kashmir, Hazharatbal Srinagar, India.

EXAMINATIONS QUALIFIED
CSIR- JRF(NET), SET/ SLET AND GATE, IN CHEMISTRY

Bachelor of Science in Science, (Grade A)
University of Kashmir, Hazharatbal Srinagar, India

RESEARCH EXPERIENCE

January 2011 to till date

Worked as Junior Research Fello (JRF) at Indian Institute of Integrative Medicine (CSIR), Jammu, India
Scope of Duties: Isolation, Characterization and semisynthetic Modification Of Biologically active Molecules and Extraction of secondary metabolites from medicinal plants. * Organic coupling reactions involving heterogenous catalysts

AREAS OF INTEREST

Natural Product Chemistry, Medicinal Chemistry, Cancer Biology, Molecular Biology,

EMPLOYMENTS:

SRF-CSIR at Indian Institute of Integrative Medicine (CSIR), Jammu, India

TECHNICAL SKILLS

- Isolation, Characterization and semi Synthetic Modification of Biologically Active Natural products.
- Development Of Noval Methods For the synthesis of Biologically Active Molecules

SELECTED PUBLICATIONS

1. Dar B.A, Tahir A, Arif M, Wani A, Farooqui M. Lawn Grass: An Excellent and low cost sorbent for the removal of Ni(II) ions from waste water. **Electronic Journal of Environmental, Agricultural and Food chemistry** 11 (3), 2012. [259-264]
2. Bashir Ahmad Dar, Varsha Shrivastava, Amrita Bowmik, **Mohammad Arif Wagay**, Baldev Singh: An expeditious N,N- dibenylation of anilines under ultrasonic irradiation conditions using low loading Cu(II)-clay heterogeneous catalyst **Tetrahedron Letters** 56 (2015) 136–141.
3. BASHIR A DAR^a, PRAVEEN PATIDAR^a, SUNIL KUMAR^a, MOHAMMAD ARIF WAGAY^a, AKSHAY K SAHOO^a, PARDUMAN R SHARMA^a, SANJAY PANDEY^a, MEENA SHARMA^b and BALDEV: Fe–Al/clay as an efficient heterogeneous catalyst for solvent-free synthesis of 3, 4-dihydropyrimidones, *J. Chem. Sci.* Vol. 125, No. 3, May 2013, pp. 545–553. **Indian Academy of Sciences.**
4. S. A. Rather · Sunil Kumar · Bilal Rah **Mohammad Arif** · Asif Ali · Parvaiz Qazi: A potent cytotoxic metabolite from terrestrial actinomycete, *Streptomyces collinus*, *Med Chem Res* 1007/s00044-013-0640-2
5. Bashir Ahmad dar, MOHAMMAD ARIF WAGAY, Syed Naseer Ahmad, Altaf Hussain, Nisar Ahmad, Baldev Singh: Ultrasound promoted expeditious catalyst free solvent free approach for the synthesis of N,N-diarylsubstituted formamidines at room temperature, **Tetrahedron Letters** 54 (2013) 4880–4884.