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Subject
- Synthetic organic chemistry

Education and experience
- Ph.D. (Chem.), TBGRI, Trivandrum
- FAIS Post doctoral fellow, Kyushu Inst. of Technology, Japan
- Scientist, NCL, Pune, 2001-till date

Research areas:
- Asymmetric synthesis of biologically important compounds
- Development of new synthetic methodologies

Recent publications
- M. Mujahid, R. G. Gonnade, P. Yogeeswari, D. Sriram, M. Muthukrishnan,*"Synthesis and antitubercular activity of aminoalcohol fused spirochromone conjugates" ***Bioorg. Med. Chem. Lett.,*** **2013**, *23*, 1416.
- M. Mujahid, P. Mujumdar. M. Sasikumar, M. Muthukrishnan,* "An alternate synthesis enantiomerically pure Levetiracetam (*Keppra*®) ***Tetrahedron: Asymmetry***, **2012**, *23*, 1512.
- M. Muthukrishnan,* M. Mujahid, M. Sasikumar, P. Mujumdar, "First asymmetric synthesis of the antiepileptic drug Lacosamide (Vimpat®) based on a hydrolytic kinetic resolution strategy" ***Tetrahedron: Asymmetry***, **2011**, 22, 1353.
- M. Muthukrishnan,* M. Mujahid, P. Yogeeswari, D. Sriram "Synthesis and biological evaluation triazole fused spirochromone conjugates as inhibitors of *Mycobacterium Tuberculosis*" ***Tetrahedron Lett.,*** **2011**, *52*, 2387.
- M. D. Nikalje, M. Sasikumar, M. Muthukrishnan, "A facile enantioselective synthesis of enantiomerically pure (*R*)-phenoxybenzamine hydrochloride using hydrolytic kinetic resolution method" ***Tetrahedron: Asymmetry***, **2010**, 21, 2825.
- M. Sasikumar, M. D. Nikalje, M. Muthukrishnan**,*** "A convenient synthesis of enantiomerically pure (*R*)-mexiletine using hydrolytic kinetic resolution method" ***Tetrahedron: Asymmetry***, **2009**, 20, 2814.
- M. Muthukrishnan**,*** U. M. V. Basavanag, V. G. Puranik, "The first ionic liquid-promoted kabbe condensation reaction for an expeditious synthesis of privileged bis-spirochromanone scaffolds" ***Tetrahedron Lett.,*** **2009**, 50, 2643.

Patents
- US patent 7,227,039; US patent 7,019,172; US patent 6,989,465.