

# Devayani Bhave

---

4167 Life Science Institute, 210 Washtenaw Avenue, Ann Arbor, MI 48109

Email: Devayani@umich.edu

## EDUCATION

- 2006 - current    **University of Michigan, Ann Arbor**  
*Pre-candidate for PhD in Chemical Biology*
- 2001 - 2002    **University of London, King's College London**  
*Master of Science (Chemical Research)*  
Thesis topic: Asymmetric Synthesis of  $\alpha$ -Amino Acids using a Chiral Metal (Cu II) Salen complex as a Phase Transfer Catalyst
- 1998 - 2001    **University of Pune, Fergusson College**  
*Bachelor of Science (Chemistry)*

## WORK EXPERIENCE

- 09/2006 to  
current    **University of Michigan, Ann Arbor**  
*Pre-candidate for PhD in Chemical Biology*  
Research in Chemical Biology
- 02/2005 to  
06/2006    **Observer Research Foundation, India**  
*Research Assistant, Technology Initiative*
- Contributed to a status review on 'Indian Science and Technology'
  - Participated in organisation of a national workshop on 'S&T challenges for India'
- 01/2003 to  
10/2004    **Organon Research Laboratories, Scotland**  
*Assistant Scientist, Medicinal Chemistry*
- Synthesised drug moieties for specified disease area
  - Interpreted pharmacological data to establish structure activity relationship

## ACADEMIC PUBLICATIONS

- Bhave, D.; Muse, W.B.; Carroll, K.S. Drug Targets in Mycobacterial Sulfur Metabolism *Infectious Disorders – Drug Targets*, 2007, **7**, 140
  - Belokon, Y.N.; Bhave, D.; D'Addario, D.; Groaz, E.; North, M.; Tagliazucca, V. Copper (II) salen catalysed, asymmetric synthesis of  $\alpha,\alpha$ -disubstituted amino acids, *Tetrahedron*, 2004, **60**, 1849
  - Belokon', Y.N.; Bhave, D.; D'Addario, D.; Groaz, E.; Maleev, V.; North, M.; Pertrosyan, A. Catalytic, asymmetric synthesis of  $\alpha,\alpha$ -disubstituted amino acids, *Tetrahedron Letters*, 2003, **44**, 2045
-