

List of Publications

1. **Rachna Dave** and Datta Madamwar. Esterification in Organic Solvents by Silica-gel Immobilized *Candida rugosa* Lipase, In: Christian Larroche, Ashok Pandey, Claude-Gilles Dussap, editors. Current Topic on Bioprocesses in Food industry, Asiatech Press, 2005, p.71.
2. **Rachna Dave** and Datta Madamwar, "Lipase mediated catalysis in water restricted microenvironment under Microemulsion based organogels", ***Chimica oggi-Chemistry Today, Italy*,23 (5), 2005.**
3. **Rachna Dave** and Datta Madamwar, "Entrapment of Lipase in Polymer of Polyvinyl Alcohol-Boric Acid for Esterification in Organic Media", ***Indian Journal of Biotechnology, India*, 5,368-372.2006.**
4. **Rachna Dave** and Datta Madamwar, "Polyvinyl Alcohol-Boric acid mediated entrapment of *Candida rugosa* lipase for esterification in organic media", ***Process Biochemistry, UK*. 5, 951-955, 2006.**
5. Vishal Shah, Petr Baldrian, Ivana Eichlerova, **Rachna Dave**, Datta Madamwar, Frantisek Nerud, Richard Gross, "Influence of Dimethyl Sulfoxide on Extracellular Enzyme Production by *Pleurotus ostreatus*. ***Biotechnology Letters, UK*, 28:651-5, 2006.**
6. **Rachna Dave** and Datta Madamwar, "Triton-X 100 Based Microemulsion Based Organogel (MBG) For Esterification In Organic Media Using *Candida rugosa* Lipase". ***Process Biochemistry***, 43(1):70-75, 2008.
7. **Rachna Dave** and Datta Madamwar. Rachna Dave and Datta Madamwar, 2007 Enzymes in organic solvents: The case of *Candida rugosa* lipase. Communicated.