

Name:	Ravi P. Singh	
Division:	Organic Chemistry	
Email:	ravi.ps@ncl.res.in	
Phone:	020-2590-2575	
Fax:	020-2590-2629	
Education and experience	• PhD : IIT -Kanpur • Post-doc: 1. Harvard University (Nobel Laureate, Prof. E. J. Corey) 2. Brandeis University (Prof. Li Deng)	
Achievements	• Senior Research Fellowship, CSIR, New Delhi • National Eligibility Test, CSIR, New Delhi • Graduate Aptitude Test in Engineering, MHRD, New Delhi	
Research subjects:	• Organic Chemistry • Medicinal Chemistry	
Research Areas	• Asymmetric catalysis • Total Synthesis • C-H Activation and C-F activation	
Recent publications	• Ravi P. Singh; Bruce M. Foxman and Li Deng, "Asymmetric vinylogous Aldol Reactions of Silyloxy Furans with a Chiral Organic Salt", <i>J. Am. Chem. Soc.</i>, 2010, <i>132</i>, 9558. • Ravi P. Singh; Li Deng, "Cinchona Alkaloid Organocatalysts", <i>Science of Synthesis, Houben-Weyl Methods of Molecular Transformations</i>, 2011, 2, Asymmetric Organocatalysis, Maruoka, K., Ed. Georg Thieme Verlag, Chapter 2.1.2 • K. Bartelson, Ravi P. Singh and Li Deng. "Asymmetric Diels-Alder reaction of simple α,β-unsaturated nitro olefin with a cinchona alkaloid catalyst", <i>Chem. Sci.</i>, 2011, <i>2</i>, 1940. • Yongwei Wu, Ravi P. Singh and Li Deng, "Enantioselective Isomerisation of β,γ-unsaturated butenolides in presence of cinchona alkaloid catalyst", <i>J. Am. Chem. Soc.</i>, 2011, <i>133</i>, 12458.	