

Name: Dr. Sudhir P. Singh
Qualification: Ph.D.
Date of Joining: 24-06-2015
Designation: Scientist C
Discipline: Synthetic Biology/Biosynthetic Technology
Email: sudhirsingh@ciab.res.in
Tel No.: +91 172 5221415



Previous affiliations:

Organization: National Agri-Food Biotechnology Institute (NABI), SAS Nagar, Mohali, India
Period: May, 2010 to June, 2015
Designation: Project Scientist (3.5 years), Research Associate (1.6 years)

Doctoral study: CSIR-National Botanical Research Institute, Lucknow, India

Current Responsibility at CIAB:

- To serve the institute for molecular biology synergy and augmentation of the approaches of bioprocessing
- Dynamic innovation and evolution of novel approaches that can complement the other approaches of bioprocessing and bioproduct generation
- Example: designing new enzymes for industrial applications, production of high value food and nutrient additives etc.

Awards/ Honours/ Recognitions:

- Young Scientist Award by International Bioprocessing Association, 2017
- Early Career Research Project by SERB, 2016
- UGC-Faculty Selectee, 2015
- Young Scientist research project by SERB, 2012
- Beam-time awarded by Canadian Light Source (CLS), Canada to a competitive research proposal, 2011
- CSIR NET, CSIR-SRF

Total publications: 40

Patents: 07

Patents licensed: 03

Selected research articles:

- 1) *BMC Genomics*. 18(1):74, 2017
- 2) *Bioresource Technology*. 219: 311–318, 2016
- 3) *Bioresource Technology*. 216: 121–127, 2016
- 4) *Scientific Reports*. 5: e11274, 2015
- 5) *BMC Genomics*. 16: e86, 2015
- 6) *Journal of Virology*. 88: 7093-7104, 2014
- 7) *Planta*. 240: 277-289, 2014
- 8) *Molecular Plant*. 7: 626-641, 2014
- 9) *Journal of Experimental Botany*. 64: 3249-3260, 2013
- 10) *Plant Biotechnology Journal*. 8: 1467-7652, 2010