

Name: Dr. Sudhir P. Singh
Qualification: Ph.D.
Date of Joining: 24-06-2015
Designation: Scientist C
Discipline: Synthetic Biology/Biosynthetic Technology
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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)
- **Alma mater:** University of Lucknow
CSIR-National Botanical Research Institute (NBRI)
University of Allahabad

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
- Examples: 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 Award (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 and CSIR-SRF, 2007
- State Merit Scholarship 1993-94

Total publications: 40

Patents: 07

Patents licensed: 03

Selected research articles:

- *Indian Journal of Experimental Biology.* 55: 453-462, 2017
- *Analytical Chemistry.* 89: 5453-5460, 2017
- *BMC Genomics.* 18(1):74, 2017
- *Bioresource Technology.* 219: 311–318, 2016
- *Bioresource Technology.* 216: 121–127, 2016
- *Scientific Reports.* 5: e11274, 2015
- *BMC Genomics.* 16: e86, 2015
- *Journal of Virology.* 88: 7093-7104, 2014
- *Planta.* 240: 277-289, 2014
- *Molecular Plant.* 7: 626-641, 2014
- *Journal of Experimental Botany.* 64: 3249-3260, 2013
- *Plant Biotechnology Journal.* 8: 1467-7652, 2010

Extramural research projects as Principal Investigator: completed 01; ongoing 03