

**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 Responsibilities 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:

- Professor Hira Lal Chakravarty Award, ISCA, DST, 2017
- International Travel Grant, SERB, DST, 2017
- School of Biosciences-Madurai Kamraj University Genomics Award, 2016
- International Bioprocessing Association-Young Scientist Award, 2016
- Early Career Research Award (project), SERB, DST, 2016
- UGC-Faculty Selectee, 2015
- Young Scientist research project by SERB, DST, 2012
- Beam-time awarded by Canadian Light Source (CLS), Canada to a competitive research proposal, 2011
- CSIR-NET 2004, and CSIR-SRF, 2007
- State Merit Scholarship, 1993-94

**Total publications:** 45

**Patents (filed):** 07

**Patent (granted):** 01

#### Selected research articles:

- *Molecular Biology Reports*, 2018
- *Bioresource Technology*. 247:633-639, 2018
- *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