

**Name:** Dr. Sudhir P. Singh

**Qualification:** Ph.D. (Field: Molecular Biology, 2010-11)

**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, Mohali

**Period:** 26-05-2010 to 23-06-2015

**Designation:** Project Scientist (Jan, 2012 to June, 2015), Research Associate (May, 2010 to Jan, 2012)

**Doctoral study:** CSIR-National Botanical Research Institute

**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.

**Total publications:** 37

**Patents:** 1 (granted), 3 (filed)

**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