

Name: Dr Sudesh Kumar

Qualification:

PhD Biochemistry (2002), CCS HAU, Hisar

MSc Biochemistry (1999), CCS HAU Hisar

BSc Zoology, Botany & Chemistry (1996), MDU Rohtak

Date of Joining: 12 April, 2016

Designation: Scientist-F

Discipline: Biotechnology/Metabolic Engineering/Biosynthetic Technology

Email: sudesh@ciab.res.in

Previous Research Profile:

Tel No.: 0172-4990216

- 10 December, 2011- 11 April, 2016, Principal Scientist, CSIR-IHBT, Palampur
- 10 December, 2008- 9 December, 2011, Senior Scientist, CSIR-IHBT, Palampur
- 10 December, 2004- 9 December, 2008, Scientist, CSIR-IHBT, Palampur
- 1 August, 2002-9 December, 2004, Post-Doctoral Fellow, ICGEB, New Delhi
- 28 August, 2001-31 July, 2002, Research Associate, CCS HAU, Hisar

Current Responsibility at CIAB:

- To develop and implement biotechnology/metabolic engineering/biosynthetic technology centric interdisciplinary research plans in translational needs of bioprocessing particular with respect to agri-food biomass for value added products.
- To serve as a lead contributor to 'think tank' for evolving overall institutional R&D plans, programs and strategies and also involves in implementing them along with caring, mentoring, hand-holding and advising younger faculty/researchers for catalysing improvement of their R&D plans.

Awards/ Honours/ Recognitions:

- INSA-Young Scientist Award-2008
- NASI-Platinum Jubilee Young Scientist Award-2009
- CSIR-Young Scientist Award-2010
- Haryana Yuva Vigyan Ratna Award 2011-12
- Prof Hira Lal Chakravarty Memorial Award 2012-13 by ISCA
- Fellow Associate of National Academy of Agricultural Sciences (NAAS)- 2013
- BOYSCAST Fellow, DST, GOI-2008

Guided PhD Thesis: 6

Publication: 110

Book: 01

Book Chapter: 10

Patent: 4

Selected Publications:

- *Journal of Experimental Botany* 66: 5959-5969, 2015
- *Journal of Experimental Botany* 66: 3907-3916, 2015
- *Plant Molecular Biology* 85: 551-573, 2014
- *Colloids Surf B Biointerfaces* 117: 505-511, 2014
- *BMC Genomics* 14: 647, 2013
- *PLoS ONE* 7: e41230, 2012
- *Plant Molecular Biology* 76: 523-534, 2011
- *PLoS ONE* 6(12):e28315, 2011
- *The Plant Journal* 62: 92-99, 2010
- *Plant Physiology* 140: 613-623, 2006

