

Dr. S.K. Upadhyay

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Research Interests

Biophysical Chemistry, Cancer related structural biology, NMR spectroscopy

Work Experience

CSIR-Institute of Genomics & Integrative Biology, New Delhi (Feb 2014 – Present)

DST INSPIRE Faculty – Biomolecular NMR Spectroscopy-Structural Biology

Lund University, Sweden (2016–2017)

Visiting Researcher, Department of Biophysical Chemistry

Institut Européen de Chimie et Biologie, Bordeaux, France (2012 – 2014)

ARC Postdoctoral Researcher - NMR Spectroscopy of Protein-Nucleic Acid Complexes

Department of Chemistry, the City College of City University New York, CUNY, USA (2010)

Postdoctoral Research Scientist - Biomolecular NMR Spectroscopy

National Institute of Immunology, New Delhi, India (2008-1010)

Project Associate - Biomolecular NMR Spectroscopy

Education

Ph.D. Chemistry – Aligarh Muslim University (AMU), Aligarh, U.P, INDIA.

M.Sc. Chemistry – V.B.S. Purvanchal University, Jaunpur, U.P, INDIA.

B.Sc. Chemistry, Zoology, Botany – V.B.S. Purvanchal University, Jaunpur, U.P, INDIA.

Sponsored Research Projects

2 (1 ongoing and 1 completed)

Research Supervision

1 PhD (ongoing) and 4 Master dissertation thesis supervision.

Some publications

Nucleic Acids Research 2017, 20, 1989-12004 • Scientific Reports 2017, 7, 1284 • Biopolymers 2017, 108, e22902 • Chirality 2017, 29, 451-457 • Biomol. NMR Assign. 2016, 10, 237-240 • Biochem. Soc. Trans. 2013, 41, 761-768 • J. Biol. Chem. 2009, 284, 22390–22400 • Biocat. Agri. Biotech. 2016, 8, 50-54 • Biomol. NMR Assign. 2010, 4, 83-85 • Chem. Cent. J. 2009, 3:9 • J. Chem. Sci. 2009, 121, 521-527 • Magn. Reson. Chem. 2008, 46, 676-679 • J. Struct. Chem. 2010, 51, 989-992 • J. Incl. Phenom. Macro. Chem. 2008, 62, 161-165 • J. Incl. Phenom. Macro. Chem. 2007, 59, 351-355 • Spectroscopy 2007, 21, 177-182 • J. Incl. Phenom. Macro. Chem. 2006, 55, 325-328.