

## **CURRICULUM VITAE, Suneel Kateriya, Ph.D.**

### **ACADEMIC APPOINTMENT:**

1. Appointed as a Professor (Since 28<sup>th</sup> April 2018), School of Biotechnology, Jawaharlal Nehru University, New Delhi, India-110067
2. Appointed as Associate Professor (Since 28<sup>th</sup> April 2015), School of Biotechnology, Jawaharlal Nehru University, New Delhi, India-110067
3. Appointed as Assistant Professor (9<sup>th</sup> April 2007 to 27<sup>th</sup> April 2015), Department of Biochemistry, University of Delhi, South campus, New Delhi, India

### **ADDITIONAL APPOINTMENT:**

- Served as deputy director and director (Research and Development), JNU
- Serving as Dean, School of Biotechnology, JNU
- Serving as concurrent faculty for Ayurveda Biology and Systems Medicine, JNU

### **PROFESSIONAL SUMMARY:**

Primary Research Area: OptoBiotechnology, Optogenetics, Cilia Biology, Ciliopathies & Channelopathies

### **EDUCATION:**

#### **Postdoctoral Training**

- 2005-2007, Department of Pharmacology, Columbia University, NY, USA, Postdoctoral Fellow, Role of Cardiac Sodium Channel in Long QT Syndrome-Research
- 2004-2005, Institute of Biophysics, Humboldt University, Germany, Postdoctoral Fellow, Study functional role of sensory rhodopsins of *C. reinhardtii*

#### **Doctoral Study**

- 2000-2004, Institute for Biochemistry, University of Regensburg, Germany
- Title of Thesis: Identification, Expression and Characterization of Archaeal-Type Opsins of *Chlamydomonas reinhardtii*.

### **SPECIAL AWARDS AND HONORS:**

#### **Awards**

- Indian Science Congress Young Scientist Award in New Biology Section for 2009
- Indian Biophysical Society Ratna Phadke Young Scientist Award for 2010
- Association of Microbiologist of India Young Scientist Award for 2011
- Innovative Young Biotechnologist Award -IYBA-2016, DBT, Govt. of India

### **International Awards and Fellowship**

- Max Planck Visiting Fellowship (2012-2016) from Department of Science and Technology-India and Max Planck Group-Germany
- EMBO-Travel Award-2016
- Max-Planck Alumni Travel Award-2017
- Max-Planck Alumni Travel Award-2019

### **EXTRAMURAL RESEARCH GRANTS: Completed Projects (10)-PI**

#### **Ongoing Projects (Three):**

- Development of Light-Gated BLUF Coupled Protease Based Optogenetic Tools for Modulating Sumoylation Mediated Neural Signaling and Synapses Plasticity. STARS-MHRD, Government of India (2019-2022).
- Development of optogenetic tools for studying cAMP and di-cAMP modulated survival and pathogenicity of the bacteria. SERB (2019-2022).
- Molecular and biological characterization of novel microbial rhodopsins from *Klebsormidium nitens*, and application for optogenetics-DST-JSPS (Indo-Japan)-2021-23

**PUBLICATIONS: 52** (Research Articles 44, Reviews 5, and Invited Book Chapters 3)

### **MEMBERSHIP IN PROFESSIONAL SOCIETIES:**

- Indian Biophysical Society-Life Member.
- Life Member of Society of Biological Chemists (India) (SBC)
- The Indian Science Congress Association-Life Member.
- Association of Microbiologist of India-Life Member
- Elected member of National Academy of Sciences, India.