



Prof. Tapas K. Kundu,
Silver Jubilee Professor, (2015-2016)

Ph.D., FNASc. FASc., FNA.

Sir J.C.Bose National Fellow.

**Transcription and Disease Laboratory, Molecular
Biology and Genetics Unit, Jawaharlal Nehru
Center for Advanced Scientific Research, Jakkur,
Bangalore– 560064, INDIA.**

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(In lien from JNCASR)



Director

**CSIR-Central Drug Research Institute
Sitapur Rd, Sector 10, Jankipuram Extension,
Lucknow, Uttar Pradesh 226031**

Curriculum Vitae

Tapas K. Kundu



1. Name: Tapas K. Kundu

2. Date of Birth: 2nd January, 1962

3. Present position /designation: Professor, Molecular Biology and Genetics Unit.
Associate faculty, Neuroscience Unit

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5. Academic qualifications:

- 1987-1989: M.Sc. (Biochemistry) from, Department of Biochemistry, University of Agricultural Sciences, GKVK, Bangalore (Gold medalist).
- 1990-1995: Ph.D. (Biochemistry/Molecular Biology) from Department of Biochemistry, Indian Institute of Sciences, Bangalore (Best Thesis Awardee).

6. Positions held (In chronological order):

- 1995-1996: Visiting Foreign Research Associate in Department of Molecular Genetics, National Institute of Genetics, Mishima, Japan
- 1996-1999: Post Doctoral Fellow in the Laboratory of Biochemistry and Molecular Biology, The Rockefeller University, New-York, USA.
- 1999-2004: Faculty Fellow (Assistant Professor) in Transcription & Disease Laboratory, Molecular Biology and Genetics Unit, JNCASR, Jakkur, Bangalore-64. INDIA
- 2004-2009: Associate Professor in Transcription & Disease Laboratory, Molecular Biology and Genetics Unit, JNCASR, Jakkur, Bangalore-64. INDIA
- 2009-Present: Professor in Transcription & Disease Laboratory, Molecular Biology and Genetics Unit, JNCASR, Jakkur, Bangalore-64. INDIA
- 2015-2016: Silver Jubilee Professor of JNCASR, Jakkur, Bangalore-64. INDIA
- 2018-present: Director, CSIR-CDRI, Lucknow

7. Memberships of Academies, Scientific Societies and Professional Bodies.

- The life member of Society of Biological Chemists, India.
- The member of Society of Biological Chemists, India, Executive Committee, (2007 onwards)
- The nominated member of American Chemical Society (2001)
- Fellow of the UICC (International Union Against Cancer) (2001 onwards)
- The Nominated member of American Society for Biochemistry and Molecular Biology (ASBMB) (2003 onwards)
- The elected member of Guha Research Conference (GRC).
- **The elected Fellow of The National Academy of Sciences (FNASc), India (2005)**
- The member of American Society for Microbiology (ASM)
- **The elected Fellow of Indian Academy of Sciences (FASc), 2008**
- Invited (by Editor-in-Chief) member of “Nature” reader panel, 2009
- **The elected Fellow of Indian National Science Academy (FNA), 2009**
- Visiting Professor at **ENS De Lyon, France**, between 2009-2012.
- Editorial board member of the *Journal of Biological Chemistry* from June 2011-September 2016.
- The founder member of the Chemical Biology Society, India (2013 onwards).
- Secretary of the Chemical Biology Society, India (2013 onwards).
- Adjunct Faculty in the Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi (2015-2020)
- **Member of the Indian Society of Cell Biology.**

- The elected **Vice President of The Society of Biological Chemists** (India) (2015-2016).
- Visiting Professor , Department of Biological Science, **Indian Institute of Science Education and Research Kolkata** , 2015
- Distinguished Visiting Professor, **Sri Devaraj URS Academy** of Higher Education and Research, Karnataka, 2015.
- Scientific Advisory Board Member, **BIONIVID (A Genome IT Company) (2015-2017)**
- Steering Committee Member of Ministry of Earth Sciences, **Drug from Sea Program.**
- Advisory board member of Pharmaceutical Chemistry Department, Acharya and B. M. Reddy College of Pharmacy, Bangalore (2015)
- **Lifetime Distinguished Professor**, conferred by University of Mysore, Mysore, Karnataka.(2016 onwards)
- **President, Chemical Biology Society, India (2017-)**
- Awarded DSc by
- Visiting Professor, **Adichunchanagiri University, B. G Nagara, Karnataka**, (2019-Present)

8. Awards won:

- 1990, Gold Medal for securing first position in M.Sc., G.K.V.K, Bangalore, India
- 1993, International Council of Scientific Union Award, India
- 1995, GIRI MEMORIAL AWARD for best thesis in Biochemistry, IISc. India.
- 1996, COE Visiting Scientist fellowship from MONBUSHO, Government of Japan
- 2001, International Union against Cancer, Fellowship, Switzerland
- 2001, Human Frontier Science Program Organization, Fellowship, France
- 2005, International Union against Cancer, Fellowship, Switzerland.
- **National Bioscience award** for career development, DBT, Govt. of India, 2004-05

- **Swarup Bhatnagar prize** from Council of Scientific and Industrial Research.Govt. of India: 2004-05.
- India-France ARCUS-INDIA grant for collaborative research Fellowship (2005-08).
- **National Academy of Science, India- Reliance Industries Platinum Jubilee Award**, 2008,
- **Tohoku Medical Society, Tohoku University, Japan, Lecture Medal**, 2010.
- **Sir J C Bose National Fellowship**, Department of Science and Technology, Govt. of India, 2010.
- **GD Birla award for Scientific Research for 2011.**
- **Ranbaxy Research Award** for the year 2011 in the field of "Medical Sciences
- First place in the **India Innovation Award 2012 given by Merck Millipore**, Awarded to Prof Tapas K Kundu and team, based on their US patent on Site -specific HMTase inhibitors. Citation:
- **JB Prize for 2013 instituted by The Japanese Biochemical Society**
- **Silver Jubilee Professorship of JNCASR for the academic year 2015-2016**
- **Dr. Nitya Anand endowment lecture award** by Indian National Science Academy, 2015.
- **JB Prize for 2015 instituted by The Japanese Biochemical Society.**
- **Eding Professor** , Department of Biological Science, **Indian Institute of Science**
- **G.P. Chatterjee Memorial Award** for 2015-2016, awarded by the Indian Science Congress Association, Ministry of Science and Technology, Govt. of India.
- **BangaRatnaSanman Award, 2018, from Govt. Of West Bengal, India.**

9. Publications

- Number of research papers Published- 109
- Number of Scientific Reviews- 21
- Number of Patents taken/applied- 13
- Number of Commercialized Products-3

10. Human Resource Training:

- Number of students who received Ph.D- 16
- Number of Students presently working- 7
- Number of M.S Students - 7
- Number of Post-doctoral fellows trained-12
- Number of Post-doctoral fellows presently working-3

11. Academic Administration:

- i. Served as Faculty Recruitment Committee member of :**
 - a. IIT
 - b. IISER
 - c. CSIR
- ii. Served as task force member/ research grant committee member**
 - a. DBT Task Force
 - b. Drug from Sea program: Ministry of Earth Sciences, Govt. of India
- iii. Served as sectional committee member of Indian National Science Academy (INSA), New Delhi.**
- iv. Serving as sectional committee member of Indian Academy of Sciences, Bangalore.**
- v. Institutional Committee member :**
 - a. IPR committee member, JNCASR.
 - b. Security committee member, JNCASR.
 - c. In-charge of central instrumentation facility, MBGU, JNCASR. (for three years)
 - d. In-charge of Radioactivity, MBGU, JNCASR. (for 4 years)
 - e. In-charge: Integrated Ph.D. Student Admission (Twice).
 - f. In-charge: Ph.D. Student Admission (Twice).
 - g. Coordinator of Integrated Biological course, JNCASR
- vi. Consultant/Advisory Board member**

Member of Scientific Advisory Board of different companies

12. Meetings and Conferences Organized:

- **Indo-Japan Workshop on “Chromatin Structure Function”**, held from January 20-23, 2005 at Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India Organized by: **Tapas K. Kundu** (JNCASR, Bangalore, India)

- **Asian First meeting of Asian Forum of Chromosome and Chromatin Biology on “Nuclear Architecture Chromosome-Chromatin Dynamics”**, held from December 11-13, 2006 at JNCASR, Bangalore, India
Organized by: **Tapas K. Kundu** and Rakesh K. Mishra (CCMB, Hyderabad, India)
- **Tenth Asian Conference on transcription (ACT X)**, held from **13th – 16th January 2008**, at **Indian Institute of Science, JNCASR and National Centre for Biological Sciences, Bangalore**.
Organized by: Dipankar Chatterjee, **Tapas K. Kundu**, G.V. Shivashankar, Parag Sadhale, Valakunja Nagaraja, Umesh Varshney
- **Satellite meeting to 2nd Asian forum of Chromosome and Chromatin Biology meeting** held on November 25th, 2008 at JNCASR, Bangalore, India.
Organized by: **Tapas K. Kundu**, Parag P. Sadhale (IISc, Bangalore, India) and G.V. Shivashankar (NCBS, Bangalore, India)
- **International Symposium on Nuclear Architecture and Chromatin Dynamics and 2nd Meeting of the Asian Forum of Chromosome and Chromatin Biology**, held from November 26-29, 2008 at Centre for Cellular and Molecular Biology, Hyderabad, India Organized by: **Tapas K. Kundu** and Rakesh K. Mishra (CCMB, Hyderabad, India)
- **Asian Academic Seminars on “Genome Regulation: From Nanobiology to Pathogenesis”**, held at **Jawaharlal Nehru Centre for Advanced Scientific Research** from 26th-30th December, 2008. Organized by: Akira Ishihama (Hosei University, Tokyo, Japan), **Tapas K. Kundu** (JNCASR, Bangalore, India), Ikuro Kawagishi (Hosei University, Tokyo, Japan) Akihiro Ishijima (Tohoku University, Sendai, Japan), Dipankar Chatterji (IISc, Bangalore, India) and G.V. Shivashankar (NCBS, Bangalore, India)
- **I2CAM School on “Emergence in genomic matter-An Interdisciplinary approach to understand the human genome organization”**, held at Jawaharlal Nehru Centre for Advanced Scientific Research from 9th-15th February, 2009.
Organized by: Swapan K. Pati, Chandrabhas Narayana and **Tapas K. Kundu**
- **International symposium on Chromosome/ Chromatin Dynamics: Epigenetics and Disease and 3rd Meeting of the Asian Forum of Chromosome and Chromatin Biology** held at Jawaharlal Nehru Centre for Advanced Scientific Research from 4th- 6th December, 2010.
- **The 17th Transcription Assembly Meeting**: Held at Jawaharlal Nehru Centre for Advanced Scientific Research from March 17-18th, 2014.
Organizers: **Tapas K Kundu**, Dipankar Chatterji (IISc), V Nagaraja (IISc)
Gene networks in chromatin/chromosome function

- **5th Meeting of the Asian Forum of Chromosome and Chromatin Biology** held from January 15th to 18th, 2015 at Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore
Organizing committee: **Tapas K. Kundu**, Rakesh K Mishra, Stephan Dimitrov, Kazuhiko Igarashi, Jeimin Wong, Jerry L Workman
- **11th Asian Epigenomics meeting** held from September 30th to October 1st, 2016 at Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore
Organizing committee: **Tapas K. Kundu**, Rakesh K Mishra, Ullas L Kolthur, Jingde Zhu, Toshikazu Ushijima, Shyam Prabhakar, Li-Jung Juan, Young-Joon Kim.
- **6th Meeting of the Asian Forum of Chromosome and Chromatin Biology** held from March 3rd to March 5th, 2017 at CSIR - Centre for Cellular and Molecular Biology, Hyderabad. Organizing committee: Rakesh K Mishra, Ullas L Kolthur **Tapas K. Kundu** and Purnima Bharagava
- **7th meeting of the Asian Forum for Chromosome and Chromatin Biology** held from 15th-17th November 2018 at Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore
Organizing committee: Tapas K. Kundu, Rakesh K Mishra, Stephan Dimitrov, Kazuhiko Igarashi, Jeimin Wong, Jerry L Workman

13. Science Outreach Programs

His group is actively involved in the science outreach program for the school children from different villages over the past six years. He and his group have organized several seminars and workshops in this regard and each year more than 300 students from close to 100 different schools in India have participated in these workshops. He has also involved himself enthusiastically in similar outreach programs organized by Department of Science and Technology (DST), INSPIRE as well as Sir J.C. Bose National talent search. Some of the conferences organized are listed here.

- Workshop on “**Cancer: Epigenetics, Cause and remedy**”, from 18th-20th December, 2006 at Rabindra Bhaban, Balurghat, Dist: Dakshin Dinajpur, West Bengal, India
- Workshop on “**Cancer and Diabetes: Cause and Remedy**” from December 27-28th, 2007 at Rabindra Bhaban, Balurghat, Dist: Dakshin Dinajpur, West Bengal, India
- Workshop on “**Our genes and Cancer: Implications and therapy**”, on 12th December, 2008 at Malda College Auditorium, Malda, West Bengal, India

- Workshop on **“Our genes and Cancer: Implications and therapy”**, on 6th January, 2010 at Malda College Auditorium, Malda, West Bengal, India
- Workshop on **“Our Genes Cells and Cancer”**, on 26th April, 2011 at Malda College Auditorium, Malda, West Bengal, India
- Workshop on **“Our Genes, Disease and Therapy”**, on 6th May, 2012 at Malda College Auditorium, Malda, West Bengal, India
- A Workshop on **“Cancer and Diabetes”** in Malda, West Bengal, September 2013.
- **“Epigenetics and Cancer: genes, habits and disease; a Workshop in Malda, West Bengal, 2015**
- **“Stem Cells and regenerative medicine”** a workshop in Malda West Bengal, 2016
- **“Brain : Function and disorder”** a workshop in Malda West Bengal, 2017