

## BIOGRAPHICAL SKETCH

NAME Dr. Chinmay Kumar Panda	POSITION TITLE Senior Scientist, NASI
Chittaranjan National Cancer Institute, 37 S.P. Mukherjee Road, Kolkata, 700026, India	Senior Assistant Director Grade (Retd.) Officer-in-Charge (Research)- Former

### EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR	FIELD OF STUDY
University of Calcutta, India	B.Sc.	1978	Chemistry
University of Calcutta, India	M.Sc.	1980	Biochemistry
University of Calcutta, India	Ph.D	1988	Biochemistry
Karolinska Institute, Sweden	Postdoctoral Fellow	1988 - 1991	Molecular Genetics of Cancer
Swiss Institute of Experimental Cancer Research, Switzerland	ICRETT Fellow of UICC	December, 1990	Chromatin Structure
Karolinska Institute, Sweden	ICRETT Fellow of UICC	March - April, 1996	Molecular Genetics of Cancer

### A. Positions and Honors

#### Positions and Employment

- 1982-1986 : Junior Research Fellow, Dept. of Biochemistry, Chittaranjan National Cancer Institute, Kolkata, India
- 1986 : Senior Research Fellow, Dept. of Biochemistry, Chittaranjan National Cancer Institute, Kolkata, India
- 1986-1995 : Junior Scientific Officer, Dept. of Biochemistry, Chittaranjan National Cancer Institute, Kolkata, India.
- 1995 - 2000 : Senior Scientific Officer (Grade-II), Dept. of Oncogene Regulation, Chittaranjan National Cancer Institute, Kolkata, India.
- 2000 - 2008 : Senior Scientific Officer (Grade-I), Dept. of Oncogene Regulation, Chittaranjan National Cancer Institute, Kolkata, India.
- 2008 - 2015 : Assistant Director Grade, Dept. of Oncogene Regulation, Chittaranjan National Cancer Institute, Kolkata, India.
- 2015 –Aug, 2019: Senior Assistant Director Grade, Dept. of Oncogene Regulation, Chittaranjan National Cancer Institute, Kolkata, India.

#### Other Experience and Professional Memberships

- 2013- : All India Congress of Cytology & Genetics
- 2010- : Calcutta Consortium of Human Genetics
- 1996- : Indian Society of Human Genetics.
- 1994- : Indian Association for Cancer Research.
- 1994- : Indian Science Congress Association.
- 1991- : Association of UICC Fellows, Geneva, Switzerland.
- 1982- : Society of Biological Chemists (India).

#### Awards/Honors:

- 2018- : President, New Biology Section, 106<sup>th</sup> Indian Science Congress Association
- 2016- : Member, Editorial Board, Scientific Reports
- 2015- : Fellow, West Bengal Academy of Science and Technology
- 2014- : Fellow, The National Academy of Sciences, India
- 2001- : Member, Editorial Board, International Journal of Human Genetics
- 2005- : Guest Editor, Special issue on Cancer Genetics, International Journal of Human Genetics

March-April, 1996 : ICRETT Fellow of UICC, Geneva, Switzerland.  
December, 1990 : ICRETT Fellow of UICC, Geneva, Switzerland.  
1989-1990 : Swedish Institute Fellowship, Stockholm, Sweden.

**Thesis Supervised:** Ph.D (Sc.) : 27, DNB/MD/MCH (co-supervised) : 16, M.Sc. : 120  
Present Research Associate: 1, Present Ph.D student: 6, DNB student (Co-supervisor): 2

**Papers Published:** 160, **Gene Bank Submission:** 24, **GEO Submission:** 3, **Reviews, Monographs, Book Chapters:** 13

**Major Research Interest:** i) Molecular genetics of cancer, ii) Regulation of gene expression, iii) Development of molecular markers for early detection and prognosis of cancer, iv) Chemoprevention of cancer by natural products.

### **Ongoing Projects:**

1. Analysis of alterations of Wnt and hedgehog pathways during development of head and neck squamous cell carcinoma (HNSCC). UGC-NET Research Fellowship of Mr. Balarko Chakrobarty, since October 2015 to September 2020. (*P I: Dr. C. K. Panda*).
  2. Analysis of DNA modifying and DDR (DNA damage response) genes associated with the development of uterine cervical carcinoma (CACX). DST-INSPIRE Junior Research Fellowship of Mrs. Priyanka Dutta since June, 2017 to June, 2022. (*P I: Dr. C. K. Panda*).
  3. Anti-cancer effects of Holarrhena antidysenterica derived triterpene compounds. DST- Women scientist scheme (A) of Dr. Anindita Ghosh, since January 2018 to January 2021. (*Supervisor: Dr. C. K. Panda*).
  4. Use of phosphoprotein biomarkers to develop plasmonic ELISA for predicting chronic hepatitis, liver cirrhosis and hepatocellular carcinoma. Indian Council of Medical Research, August 2019 to July 2022. (*P I: Dr. C. K. Panda*).
  5. Analysis of molecular pathogenesis of uterine cervical carcinoma for the development of targeted therapy. NASI Senior Scientist Platinum Jubilee Fellowship to Dr. C. K. Panda, March 2020 to February, 2023.
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