

Pawan K Dhar

Senior Scientist & Lab Head, Synthetic Biology, RIKEN, Japan
 Adjunct Professor, Tokyo Medical and Dental University
 Visiting Scientist, Rajiv Gandhi Centre for Biotechnology, Trivandrum
 Visiting Faculty, Hyderabad Central University, Hyderabad

Editor-in-Chief,
Systems and Synthetic Biology Journal, Springer

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SUMMARY

| | | |
|--------------------------------|--|---|
| Publications | 53 | <i>(Journals, books/chapters)</i> |
| Invited Talks | 43 | <i>(National and International)</i> |
| Reviewer | 9 | <i>(International Journals)</i> |
| Professional experience | 16 yrs (after PhD) | <i>(PhD, BHU, 1992)</i> |
| Teaching | 12 yrs | <i>(Post graduate level)</i> |
| PhD thesis | 5 | <i>(Co Advisor)</i> |
| Awards | 3 million USD | <i>(Intramural funding at RIKEN, 3 years)</i> |
| | 1 million USD | <i>(Intramural funding at BII, 4 years)</i> |
| Research Interests | Organizing principles of Biology, Genome Design and Engineering | |
| Recent Key achievements | Invented a novel method to make genes from junk DNA | <i>(2009)</i> |
| | Started a scientific journal with Springer | <i>(2008)</i> |
| | Lead a team to develop Cellware that was selected as top 10 Systems Biology software | <i>(Nature Biotech., 2007)</i> |
| Personal details | 44 yrs age, Indian Citizen, male, married, two kids | |

REVIEWER

External reviewer: European Science Foundation

Journals : BioEssays, Bioinformatics, In-silico Biology, BMC Bioinformatics, Biophysical Journal, IET Systems Biology, Journal of Theoretical Biology, Theoretical Biology and Medical Modeling, Journal of Bioinformatics & Computational Biology

PROFESSIONAL HISTORY

Jan 2006 - current

Senior Scientist and Laboratory Head, Synthetic Biology Lab, RIKEN Advanced Sciences Institute, Yokohama, Japan
 (Managing 15 people, including 2 senior scientists)

July 2002 - Dec 2005

<http://www.bii-sg.org>

Senior Scientist & Group Leader, Systems Biology Lab, Bioinformatics Institute, Singapore. Adjunct Associate Prof, Dept. of Biochem, National University of Singapore. Adjunct Faculty, The NUS Graduate School for Integrative Sciences and Engineering, Singapore. *Served on the Management Board of BII for 3 years. Lead a group of 25 people, including 3 Senior Scientists*

Jun 2001 - June 2002

<http://www.ttck.keio.ac.jp>

Assistant Professor, E-Cell Group, Institute of Advanced Biosciences,
Keio University, Japan

May 2000 - May 2001

<http://rg4.rg.med.kyoto-u.ac.jp>

Visiting Scientist, Dept. of Radiation Genetics,
Kyoto University, Japan

Oct 1997 - April 2001

<http://www.manipal.edu/>

Associate Professor & Lab Head, Human Genetics Division,
KMC Manipal, Karnataka, India

Mar 1997 - Sept 1997

<http://www.uni-due.de/radiation-biology/index.shtml>

Visiting Scientist, Institute of Medical Radiation Genetics,
Essen University, Germany

Oct 1993 - Sept 1997

<http://www.manipal.edu/>

Assistant Professor and Lab Head, Human Genetics Division,
KMC Manipal, Karnataka, India

TEACHING

Areas: Human Genetics, Molecular Biology, Systems and Synthetic Biology

Level: MBBS, MS, M.Sc., Biomedical engineering, Nursing

Education

1987-1992: PhD in Human Genetics

<http://www.bhu.ac.in/>

Topic: A cytogenetic study of solid paediatric malignant neoplasms.

1984-1986: Masters in Zoology

<http://www.jammuuniversity.in/>

Department of Biosciences, University of Jammu, J&K , India.

1982-1984: Bachelors in Science

GGM Science College, Jammu India.

1980: Matriculation

National High School, Srinagar, Kashmir, J&K, India