

Faculty Profile

Name: Dr. Priyanka Kar
(Passport size photograph)
Qualification: MSc, MPhil, PhD
Designation: Assistant Professor
Email Id: priyankakar2008@gmail.com



Area of interest: Vector Borne Diseases, Cell Signalling, Immune response to non-infectious and life style diseases

Area of research: Immunology, Molecular Biology, Non-Infectious Diseases, Developmental Biology

Teaching Area:

- UG
- PG

Total No. of Teaching Experience (Yrs):

- UG: 10 Yrs
- PG:

Research Supervision:

• **Completed (M.Phil/Ph.D):**

Name of the Student	Degree	University	Title of the Thesis	Date of Registration	Date of Submission	Date of Award of Degree

• **Ongoing (M.Phil/Ph.D):**

Name of the Student	Degree	University	Title of the Thesis	Date of Registration

Publication Profile

Research Articles Published:

1. Expression of Stat5A in tobacco chewing-mediated oral squamous cell carcinoma. P. Kar, A. P. Dash and P. C. Supakar. *Cancer Lett.* 2006 Aug 28; 240(2):306-11.
2. Polymorphism study of rhoptry associated membrane antigen (RAMA) gene of *Plasmodium falciparum* a putative vaccine candidate. P. Kar, A. P. Dash and P. C. Supakar. *Mol Biochem Parasitol.* 2007 Oct; 155(2):156-60.
3. Multiplex PCR assay for the detection of *Anopheles fluviatilis* species complex, human host preference, and *Plasmodium falciparum* sporozoite presence, using a unique mosquito processing method. A. Mohanty, P. Kar, K. Mishra, D. V. Singh, N. Mohapatra, S. K. Kar, A. P. Dash, and R. K. Hazra. *American Journal of Tropical Medicine & Hygiene* (2007) 76: 837-43.
[This article was considered as one of the top 20 most popular articles in the field of malaria by Ion Channel Media Group, May 2007].
4. Trends in Malaria in Odisha, India □ An Analysis of the 2003 □ 2013 Time-Series Data from the National Vector Borne Disease Control Program A Pradhan, A Anasuya, M M Pradhan , Kavitha AK, P Kar, K C Sahoo, P Panigrahi, A Dutta. *Plos one* (2016). *Online DOI:*10.1371/journal.pone.0149126.
5. Sequence diversity of rhoptry proteins RAP1, RAP2, RhopH3 and micronemal protein AMA1 in *Plasmodium falciparum* field isolates. P. Kar and A. P. Dash. *JID* under review.
6. Three more papers to be communicated soon.

Books Chapters Published:

Books Published:

Articles Published in Newspapers/Magazines:

Research Projects:

NAME	DEPARTMENT	TYPE (MAJOR/MINOR)	NAME OF THE FUNDING AGENCY	FUNDS PROVIDED (INR IN LAKHS)	TITLE OF THE PROJECT	MONTH AND YEAR OF RECEIVING GRANT	DURATION OF THE PROJECT
Dr. Priyanka Kar	Zoology	Minor	OURIP	6.52 Lakhs	“Cytokines as probable biomarkers for early detection of spontaneous and ART associated GDM pregnancies”.	Feb, 2023	2 years
	Zoology	Major	WoSA	23 Lakhs	“A study on apoptosis of immune cells in human with <i>P. falciparum</i> infection”	Sep, 2012	5 years

**Invited/Special Lectures/Resource Persons or Presentations at Conferences/
Workshops:**

Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International
	Institute of Life Science	Workshop on Molecular Biology Concepts and Techniques	National - 2006
	Institute of Life Science	International Conference on Nanomedicine	International - 2007
Parasite Immunology & Immunogenetics - seminar	Department of Biological Sciences, TATA Institute of Fundamental Research, Mahabaleswar, India	32nd Mahabaleswar Seminar in Moern Biology	2007
Polymorphism study of Rhoptry Associated Membrane Antigen (RAMA) gene of Plasmodium falciparum - a putative vaccine candidate	National Institute of Malaria Research (ICMR)	IX International Symposium on Vectors and Vector Borne Diseases	international - 2008
	Institute of Life Science	35th Annual Meeting of the Indian Immunology Society	National - 2008
	National Institute of Malaria Research, Goa	International Symposium on Vectors and Vector Borne Disease	International - 2009
Cell Signaling and Cancer Therapy Lecture series	Institute of Life Science	3rd International Symposium on Translational Cancer Research	International - 2009
A study on the peptide binding properties of	National Institute of Malaria Research	EMBO Global Exchange Lecture Course on Molecular and	international - 2010

RAMA - a putative vaccine study		Evolutionary Genetics of Malaria	
	P.N. College (Autonomous)	Seminar On Climate Change and Future of Animals	National - 2018
	ICMR- RMRC (Bhubaneswar) & NAVBD	14th International Conference on Vectors and Vector Borne Diseases	International - 2019
		Promotional Avenues for Teachers in Higher Education: CAS Regulations - 2018 on 5 september 2020	National - 2020
"Telehealth" a perspective in Post Covid Era	Department of Economics, B.J.B. Autonomous College	Contemporary Economy in Post-COVID Era (CEPC-2023)	International - 2023
		Reproductive Health with Emphasis on "Innovations in Reproductive Science and Technologies: Hope, Risk and Responsibilities"	International - 2023
Biomarkers for GDM: An Indian Perspective	Revenshaw University		

Awards and Distinctions:

S.No	Name of Award	Awarding Agency	Year
1	Act as a master trainer for Lot Quality Assurance Sampling	Liverpool School of Tropical Medicine, London	2013
2	Women Scientist (WOS A)	DST	2011
3	Research Associate	ICMR	2011
4	Awarded the best participant in the European Molecular Biology Organisation (EMBO) workshop and lecture course held at NIMR, Delhi.	EMBO AND NMRC	2010

5	Awarded the Senior Research Fellowship by Indian Council Of Medical Research (ICMR), Government of India	ICMR	2009
6	NET	UGC	2003-2008
7	Secured first position in the M. Phil. Examination	Utkal University, India.	2002
8	Secured first position in the M. Sc Examination	Utkal University, India	2001
9	Secured first position in the Entrance Examination for M.Sc	Ravenshaw Deemed university	2001
10	Secured first position in B.Sc Examination in Ravenshaw College and third position in the state of Orissa.	Ravenshaw Deemed university	1999
11	Received numerous awards on best seminar presentations and other extracurricular activities in M.Sc and B.Sc.		

Association with Professional Bodies:

S. No.	Name of the professional body	International/ National	Life member/ Annual/ Sessional member	Tenure: From – To
1	National Academy of Vector Borne Diseases	International	Life Member	2006
2	Zoological society of Odisha	National	Life Member	2019
3	ISSRF	International	Life Member	2023