



# Pallav Sengupta, PhD

Senior Lecturer, Department of Physiology, Faculty of Medicine  
MAHSA University, Malaysia

**Major** Physiology

**Master specialization** Endocrinology and Reproductive Physiology

**Doctoral specialization** Reproductive Endocrinology

**Email** pallav\_cu@yahoo.com

**Date of Birth** May-17-1984

**Researcher ID:** E-3392-2016

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## EDUCATION

June, 2016-July, 2017	Post-Doctoral in Reproductive Health, University of Bialystok, Poland
Feb, 2009 - June, 2016	PhD in Physiology (Reproductive Endocrinology), University of Calcutta, India
May, 2013 - May, 2014	Post-Graduate Diploma (Statistical Analysis), Annamalai University, India (ranked 3rd with Distinction)
June, 2005 - June 2007	MSc in Physiology (Endocrinology and Reproductive Physiology), University of Calcutta, India (ranked 3rd in Physiology in University of Calcutta)
May, 2005 – May, 2005	BSc in Physiology (Honors), University of Calcutta

## POSITIONS

Dec, 2017-Present	Senior Lecturer, Department of Physiology, Faculty of Medicine, MAHSA University, Malaysia
July, 2016 – Dec, 2017	Head, Physiology Unit, Faculty of Medicine, Lincoln University College, Malaysia
July, 2017 – Dec, 2017	Assistant Professor, Physiology Unit, Faculty of Medicine, Lincoln University College, Malaysia

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Nov, 2015 – July, 2017	Lecturer, Physiology Unit, Faculty of Medicine, Lincoln University College, Malaysia
Aug, 2016 – Dec, 2017	Coordinator, Physiology, Doctor of Dental Surgery (DDS), Faculty of Dentistry, Lincoln University College, Malaysia
Nov, 2007 – Nov, 2015	Lecturer, Department of Physiology, Vidyasagar College for Women, University of Calcutta, Kolkata
Sept, 2009 – Mar, 2010	Part-time Lecturer, Department of Physiology, Uluberia College, University of Calcutta, Howrah
Sept, 2008 – July, 2010	Field Investigator, Task Force study, Indian Council of Medical Research (ICMR)

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## RESEARCH INTEREST

Reproductive Biology; Reproductive Toxicology; Reproductive Endocrinology; Reproductive Immunology; Male and Female Infertility

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## RESEARCH TRAINING

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June, 2016 - July, 2017 (Post-Doctoral Research)	Post-Doctoral Fellow, Faculty of Health Sciences, Medical University of Bialystok, Poland  <b>Dissertation Title:</b> Analysis of secular trend in global semen quality in last 50 years: from 1965 to 2015.
Feb, 2009 – June, 2016 (Ph.D. Research)	Project Fellow, UGC-University Potential of Excellence, in Endocrinology & Reproductive Physiology Laboratory, Department of Physiology, University of Calcutta  <b>Dissertation Title:</b> Effect of Calcium and Magnesium Salts in Male Reproductive Physiology.
Sept, 2008 – July, 2010 (Field Investigator, ICMR)	Task Force study, Indian Council of Medical Research (ICMR)

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**Project Title:** Consumption Pattern of Carbonated Soft Drinks by Indian Population at Different Times of the Year.

June, 2005 – June, 2007  
(M.Sc. Research)

**Dissertation Title:** *In vitro* investigation of the effects of some anti-thyroid plant foods of Indian origin on thyroid tissue.

## UNIVERSITY EXAMINER

**Examiner** Internal Examiner (Physiology) in Medical and Dental Faculty (both theory and OSPE-OSCE), Lincoln University College, Malaysia  
Nov, 2015 – Dec, 2017

**Examiner & Scrutiner** West Bengal School Service Commission, Physiology, Govt. of West Bengal  
Feb, 2013

**Examiner** B. Sc. Honours Practical Examinations (Physiology), University of Calcutta, Kolkata  
May, 2012 – Nov, 2015

**Examiner** B. Sc. General Theory & Practical Examinations (Physiology), University of Calcutta, Kolkata  
May, 2011 – Nov, 2015

## SELECTED PUBLICATIONS ( FIVE )

1. Agarwal A, **Sengupta P**, Durairajanayagam D. Role of L-carnitine in Female Infertility. *Reprod Biol Endocrinol* **2018**; 10.1186/s12958-018-0323-4.
2. **Sengupta P**, Agarwal A, Pogrebetskaya M, Roychoudhury S, Durairajanayagam D, Helkel R. Role of *Withania somnifera* in the management of and male infertility. *Reprod Biomed Online* **2017**; doi.org/10.1016/j.rbmo.2017.11.007.
3. Dutta S, **Sengupta P**. Men and mice: relating their ages. *Life Sciences* **2016**; 152 :244-248.
4. Krajewska-Kulak E, **Sengupta P**. Thyroid function in male infertility. *Front Endocrinol* 2013;4:1-2.

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5. **Sengupta P.** The Laboratory Rat: relating its age with humans. *Int J Prev Med* 2013; 4(6):624-630.
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With more than 60 other articles

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### AUTHOR OF BOOKS AND BOOK CHAPTERS

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1. **Sengupta P.** Relating age of laboratory mice and rat with human: A concise assistance to biological research. Status: *in press*. Rhazes publications an Alabama limited liability company, Birmingham, USA, **2018**.
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2. **Sengupta P, Dutta S.** Metals. In '*Reference Module in Biomedical Sciences*', Elsevier, USA, **2018**.
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3. Dutta S, **Sengupta P.** Chapter 4: Common foods and functional foods: their association with cancer. In '*Functional Foods and Cancer: Cancer Biology and Dietary Factors*', First Edition, Textbook, Volume 3. Martirosyan DM and Zhou JR. ISBN-13: 978-1975761462, ISBN-10: 978-1975761462. Functional Food Centre, USA, September, **2017**.
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### PRESENTATIONS & PARTICIPATIONS IN CONFERENCES

More than 30 Conferences, Workshops and training Programs

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### RESEARCH / ACADEMIC AWARDS

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|-----------------------------|--|
| December, 2012              | <b>Young Scientist Award</b> entitled 'Prof. P.B. Sen Memorial Research Award' by Physiological Society of India (PSI) for the best research paper.                          |
| August, 2008 – August, 2010 | <b>Research Fellowship</b> (UGC-University Potential of Excellence) in Endocrinology & Reproductive Physiology Laboratory, Department of Physiology, University of Calcutta. |
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June, 2005

**Certificate of Honor**, Department of Physiology, City College, University of Calcutta, Kolkata for securing First Class in Physiology (Honors).

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REVIEWER & ADVISORY BOARD MEMBER

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**Reviewer**, *Scientific Reports (Nature Group), Andrologia, Indian Journal of Experimental Biology, Indian Journal of Medical Research, Life Sciences, Human and Experimental Toxicology, Drug and Chemical Toxicology, Sexual Health*, and more than 50 other.

**Editorial Board Member**, *Current Immunology Reviews Endocrine, Metabolic & Immune Disorders- Drug Targets Immunology*, and more than 10 others.

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