

Pallav Sengupta

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Date of Birth: May-17-1984

Lecturer

Department of Physiology
Vidyasagar College for Women
University of Calcutta
Kolkata

TEACHING EXPERIENCE

Lecturer, Department of Physiology, Vidyasagar College for Women, University of Calcutta,
Kolkata **2007-Present**

Lecturer, Department of Physiology, Uluberia College, University of Calcutta, Howrah
2010-2011

EXAMINERSHIPS IN UNIVERSITIES

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

Examiner, *B. Sc. Honours & General Practical Examinations (Physiology)*, University of
Calcutta, Kolkata **2011-Present**

PUBLICATIONS IN PEER REVIEWED JOURNALS (SCOPUS *h* index-9)

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1. **Sengupta P**, Banerjee R, Nath S, Das S, Bhattacharya K, Banerjee S. Metals and male reproductive toxicity. *Hum Exp Toxicol* **2014**: in press. [IF 1.453] **Review Article**
 2. Chandra AK, Goswami H, **Sengupta P**. Magnesium on cytomorphological and enzyme activities in male rats. *Indian J Exp Biol* **2014**;52(8):787-792. [IF 1.195] **Research Article**

3. **Sengupta P.** The bliss yoga inculcates during the different stages of pregnancy. *Int J Pharm Pharm Sci* **2014**;6(10):86-87. [IF 1.5] **Review Article**
4. **Sengupta P, Banerjee R.** Environmental toxins: alarming impacts of pesticides on male fertility. *Hum Exp Toxicol* **2014**; 33(10):1017-1039 [IF 1.453] **Review Article**
5. **Sengupta P.** Metals and male reproduction: the possible mechanisms. *Adv Biomed Res* **2014** 2(1):1-2. **Letter to Editor**
6. **Sengupta P, Sahoo S.** Health-related morphological characteristics in connection with nutritional, socio-economic status and physiological fitness of tea garden workers. *Afr Health Sci* **2014**;14(3):558-563. **Research Article**
7. **Sengupta P.** A report on obesity/malnutrition among male undergraduates of Kolkata by anthropometric indices as an instrument of screening nutritional status. *Arch Med Health Sci* **2014**; 2(2): 150-154. **Research Article**
8. **Sengupta P.** A small-scale cross-sectional study for the assessment of cardiorespiratory fitness in relation to body composition and morphometric characters in fishermen of Araku valley, Andhra Pradesh, India. *Int J Prev Med* **2014**; 5(5):557-62. **Research Article**
9. **Sengupta P.** Current trends of male reproductive health disorders and the changing semen quality. *Int J Prev Med* **2014**; 5(1):1-5. **Editorial**
10. **Sengupta P, Krajewska-Kulak E.** Evaluation of physical fitness and weight status among fisherwomen in relation to their occupational workload. *J Epidemiol Global Health* 2014; 4:261-268. **Research Article**
11. **Sengupta P.** Recent trends in male reproductive health problems. *Asian J Pharm Clin Res.* **2014**;7(2):1-5. [IF 0.700] **Review Article**
12. Chaudhuri P, Bhattacharya K, **Sengupta P.** Misty role of amygdala in female reproductive behavior. *Int J Pharm Pharm Sci* **2014**;6(2):563-564. [IF 1.5] **Letter to Editor**

13. **Sengupta P**, Nwagha U. The aging sperm: Is the male reproductive capacity ticking to biological extinction? *J Basic Clin Repro Sci* **2014**;3(1):1-7. **Review Article**
14. Bhattarai T, Chaudhuri P, Bhattacharya K, **Sengupta P**. Effect of progesterone supplementation on post-coital unilaterally ovariectomized superovulated mice in relation to implantation and pregnancy. *Asian J Pharm Clin Res.* **2014**; 7(1):29-31. [IF 0.700]
Research Article
15. **Sengupta P**. Comparing the Physiological, socio-economic and nutritional status among male and female undergraduate college students of metropolitan city of Kolkata. *Ann Med Health Sci Res.* **2014**;4(4):537-542. **Research Article**
16. Bhattra T, Bhattacharya K, Chaudhuri P, **Sengupta P**. Correlation of common biochemical markers for bone turnover, serum calcium and alkaline phosphatase, in post-menopausal women. *Malays J Med Sci* **2014**;21(1):58-61. **Research Article**
17. Krajewska-Kulak E, **Sengupta P**. Thyroid function in male infertility. *Front Endocrinol* **2013**;4:1-2. **General Commentary**
18. **Sengupta P**, Chaudhuri P, Bhattacharya K. Male Reproductive Health and Yoga. *Int J Yoga* **2013**; 6(2): 87-95. **Review Article**
19. Chandra AK, **Sengupta P**, Goswami H, Sarkar M. Effects of Dietary Magnesium on Testicular Histology, Steroidogenesis, Spermatogenesis and Oxidative Stress Markers in adult rats. *Indian J Exp Biol* **2013**; 51(1): 37-47. **Research Article**
20. **Sengupta P**. Environmental and occupational exposure of metals and their role in male reproductive functions. *Drug Chem Toxicol* **2013**; 36(3): 353-368. [IF 1.293] [ICID: 1009621]
Review Article

21. Dutta S, Joshi KR, **Sengupta P**, Bhattacharya K. Unilateral and bilateral cryptorchidism and its effect on the testicular morphology, histology, accessory sex organs and sperm count in Laboratory Mice. *J Hum Repro Sci* **2013**; 6(2):106-110. **Research Article**
22. **Sengupta P**, Chaudhuri P. Yoga as the therapy of roga: In the vision of Sri Ramakrishna, in the words of Swami Ranganathananda. *Int J Yoga - Philosop Psychol Parapsychol* **2013**;1(1):56. **Letter to Editor**
23. **Sengupta P**. Potential Health Impacts of Hard Water. *Int J Prev Med* **2013**; 4(8):866-875. **Review Article**
24. **Sengupta P**. Chemosterilization: Spermatogenesis, Steroidogenesis, Reproductive Functions, and Behavior from Historical Perspective to Contemporary Practice. *J Basic Clin Repro Sci* **2013**; 2(1):1-2. **Editorial**
25. **Sengupta P**, Chaudhuri P. Is mind-body relaxation by yoga is effective to combat with lifestyle stress? *Ann Med Health Sci Res* **2013**; 3(Supl. 1):S61-S62. **Letter to Editor**
26. **Sengupta P**. The Laboratory Rat: relating its age with humans. *Int J Prev Med* **2013**; 4(6):624-630. **Review Article**
27. **Sengupta P**, Chaudhuri P, Bhattacharya K. Screening obesity pattern by direct and derived anthropometric indices along with evaluation of physical efficiency among female undergraduate college students of Kolkata. *Ann Med Health Sci Res* **2013**;3(4):517-522. **Research Article**
28. **Sengupta P**, Sahoo S. A Cross Sectional Study to Evaluate the Fitness Pattern among the Young Fishermen of Coastal Orissa. *Indian J Pub Health Res Dev* **2013**; 4(1): 171-175. [ICID: 1033817] **Research Article**
29. **Sengupta P**. Challenge of infertility: How protective the yoga therapy is? *Ancient Sci Life* **2012**; 32 (1):61-62. **Letter to Editor**

30. **Sengupta P**, Bhattacharya K. Effects of high altitude and nutritional status over the physical fitness of young residents of Pokhara, Western Nepal. *South East Asia J Pub Health* **2012**; 2(1): 34-38. [ICID: 1033822] **Research Article**
31. **Sengupta P**, Sahoo S. An Ergonomic Assessment and Fitness Evaluation of Young Male Tea Factory Workers in Dooars, West Bengal. *Prog in Health Sci* **2012**; 2(1): 51-57. [ICID: 1002191] **Research Article**
32. Chaudhuri P, **Sengupta P**. Emerging Trend of Gym Practice and Its Consequence over Physical and Physiological Fitness. *Biol Exer* **2012**; 8(1): 49-58. [ICID: 987020] **Research Article**
33. Chandra AK, **Sengupta P**, Goswami H, Sarkar M. Excessive Dietary Calcium in the Disruption of Structural and Functional Status of Adult Male Reproductive System in Rat with Possible Mechanism. *Mol Cell Biochem* **2012**; 364(1-2): 181-191. [IF 2.329] [ICID: 988278] **Research Article**
34. Chandra AK, Goswami H, **Sengupta P**. Dietary calcium induced cytological and biochemical changes in thyroid. *Env Toxicol Pharmacol* **2012**; 34(2): 454-465. [IF 2.005] [ICID: 1003517] **Research Article**
35. **Sengupta P**. Health Impacts of Yoga and Pranayama: An Art-of-the-state Review. *Int J Prev Med* **2012**; 3(7):444-458. [ICID: 1003497] **Review Article**
36. **Sengupta P**. A Scientific Review of Age Determination for a Laboratory Rat: How Old is it in Comparison with Human Age? *Biomed Int* **2011**; 2(2): 81-89. [ICID: 1009954] **Review Article**
37. **Sengupta P**, Sahoo S. A Fitness Assessment Study among Young Fishermen of Coastal Areas of West Bengal, India. *South East Asia J Pub Health* **2011**; 1(2): 28-34. [ICID: 989627] **Research Article**

38. **Sengupta P.** Assessment of Physical Fitness Status of Young Sikkimese Residing in High-Hill Temperate Regions of Eastern Sikkim under the influence of Climate and Socio-Cultural Factors. *Asian J Med Sci* **2011**; 2(3): 169-174. [ICID: 1033821] **Research Article**
39. **Sengupta P, Sahoo S.** Evaluation of Health Status of Fishers: Prediction of Cardiovascular Fitness and Anaerobic Power. *World J Life Sci Med Res* **2011**; 1(2): 25-30. [ICID: 951841] **Research Article**

PRESENTATIONS IN CONFERENCES

More than 20 National and International Presentations

ACADEMIC HONORS, SCHOLARSHIPS/ FELLOWSHIPS

Young Scientist Award entitled 'Prof. B.B. Sarkar Memorial Research Award' by Physiological Society of India (PSI) for the best research paper.

Young Scientist Award entitled 'Prof. P.B. Sen Memorial Research Award' by Physiological Society of India (PSI) for the best research paper.

REVIEWER/ADVISORY BOARD MEMBER

Editorial Board Member, *Journal of Endocrine Disorders*, Austin Publishing Group.

2014-Present

Advisory Board Member, *World Research Journal of Reproductive Biology* (Bioinfo Publications)

2013-2016

Reviewer, *Journal of Ayurveda and Integrative Medicine*, *Journal of Physical Activity and Health*, *Acta Scientiarum. Health Sciences*, *Recent Advances in Pharmaceutical Science Research*, *Biomedicine International*, *Nepal Journal of Epidemiology*, *South East Asian Journal of Public Health*, *International Journal of Multidisciplinary Educational Research*, *Progress in Health Sciences* and others.

2011-Present

Worked as a **Member of the Scientific Committee** and Registration Committee of International Conference of Integrated Physiology: Modern Perspective & Platinum Jubilee Celebration of Physiological Society of India held in Science City Auditorium, Kolkata, November 12-14. **2009**

PROFESSIONAL AFFILIATIONS

Life-member, Indian Science Congress Association (**ISCA**) (Membership no.-L14228)

Life-member, Physiological Society of India, Kolkata (**PSI**) (Membership no.-535)

Life-member, Society of Biological Chemists, India (**SBC**) (Membership no.-2462)