

## **Education :**

- **M.Sc. in Physiology :** From University of Calcutta (Year 2000).
- **Ph.D (Science)(Subject: Physiology) :** From University of Calcutta (Year 2006).

## **Research experience : (More than fifteen years)**

**Pre-PhD Research Experience:** Five years in biochemical toxicology area. Title of the Thesis was “*Certain Studies on Glucose Homeostasis Following Exposure to Arsenic*”.

**Post-PhD Research Experience:** Ten years of research experience as a Ph.D. supervisor to guide students in various areas of toxicological research.

## **Teaching experience : (More than nineteen years)**

- 1) Ten years post-graduate teaching experience in the department of Human Physiology, Tripura University (02.02.2010 to till date).
- 2) One year nine months of teaching experience at undergraduate level as Assistant Professor of Human Physiology at Netaji Subhash Mahavidyalaya, A Govt. Degree College under Tripura University, Udaipur, South Tripura (From April 2008-Feb2010).
- 3) Nine months of teaching as contractual full time lecturer at Bangabasi Evening College, a degree college in Kolkata under University of Calcutta (From August, 2007 to April, 2008).
- 4) Four years of teaching experience as a part-time lecturer at Rammohan College, Kolkata (December, 2001 to March, 2005) and St Paul’s Cathedral Mission College, Kolkata (September, 2004 to April, 2008).

## **Areas of research:**

- Research study mainly focuses on evaluation of biochemical, morphological and metabolic effects of various environmental pollutants like arsenic, lead, chromium, fluoride etc. on different organ systems in animal model and possible

mechanisms involved therein. The study also focuses on amelioration of organ specific toxic effects of those pollutants by administration or ingestion of natural as well as chemical antioxidants, metal chelators and plant derived compounds.

- Community nutritional survey is another area of the research area to evaluate nutritional status of a specific community, to identify any malnutrition related problems existing in them and also to find out or suggest possible remedial measures to combat it.

### Publications (year wise): No. of Publications: [Year: 2002-June 2020]

Sl No.	Title of the paper	Name of the Authors	Name of the journal/Book with volume pages and year	ISSN NO./ISBN No.& IF
1.	Metabolic Adaptability in Liver and Gastrocnemius Muscle of Mice Following Sub-acute Lead Toxicity	Das P, <b>Pal S*</b> and Basu S (*Corresponding author)	<i>Toxicology and Industrial Health(Accepted)</i> ; (June, <b>2020</b> )	07482337 [IF:1.635]
2.	Metabolic and Morphological Disorientations in the Liver and Skeletal Muscle of Mice Exposed to Hexavalent Chromium	Shil K and <b>Pal S*</b> (*Corresponding author)	<i>Comparative Clinical Pathology</i> ; <b>28</b> , 1729–1741( <b>2019</b> )	1618-5641 [IF: 0.32]
3.	Metabolic Toxicity and Alteration of Cellular Bioenergetics by Hexavalent Chromium.	<b>Pal S*</b> and Shil K. (*Corresponding author)	<b>Book Chapter in :</b> Handbook of Environmental Materials Management Publisher:Springer International Publishing AG, Switzerland; Editor: C.M. Hussain; ( <b>2018</b> )	ISBN: 978-3-319-73644-0
4.	Hexavalent Chromium Induced Alteration of Carbohydrate Bioenergetics: A Dose-Dependent Study.	Shil K, <b>Pal S.*</b> (*Corresponding author)	<i>Asian Journal of Pharmaceutical and Clinical Research</i> . <b>10(2)</b> , 410-417. ( <b>2017</b> )	0974-2441 [IF:0.48]
5.	Lead (Pb), a Threat to Protein Metabolic Efficacy of Liver, Kidney and Muscle in Mice.	Das P, <b>Pal S*</b> . (*Corresponding author)	<i>Comparative Clinical Pathology</i> . <b>26</b> . 875-883.( <b>2017</b> )	1618-5641 [IF: 0.32]
6.	Metabolic Adaptability in Hexavalent Chromium	Shil K, <b>Pal S*</b> . (*Corresponding	<i>Clinical Kidney Journal</i> . <b>10(3)</b> . 1-8. ( <b>2017</b> )	2048-8513 [IF:3.388]

	Treated Renal Tissue: An <i>In Vivo</i> Study.	author)		
7.	Alteration in Carbohydrate Metabolism by Sub-acute Lead Exposure: A Dose-Dependent Study.	Das P, <b>Pal S*</b> . (*Corresponding author)	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> . <b>9(3)</b> . 254-261. (2017)	0975-1491 [IF:0.66]
8.	Effects of Sub-acute Fluoride Exposure on Discrete Regions of Rat Brain Associated with Thyroid Dysfunction: A Comparative Study.	Sarkar C, <b>Pal S*</b> . (*Corresponding author)	<i>International Journal of Biomedical Research</i> . <b>6(09)</b> : 647-660. (2015)	2455-0566
9.	Ameliorative effect of resveratrol against fluoride induced alteration of thyroid function in male Wistar rats	Sarkar C, <b>Pal S*</b> . (*Corresponding author)	<i>Biological Trace Element Research</i> , <b>162</b> (1-3): 278-287. (2014)	ISSN: 0163-4984 [IF: 2.43]
10.	Protective effect of resveratrol on fluoride induced alteration in protein and nucleic acid metabolism, DNA damage and biogenic amines in rat brain	<b>Pal S*</b> , Sarkar C (*Corresponding author)	<i>Environmental Toxicology and Pharmacology</i> , <b>38</b> (2):684-699. (2014)	ISSN: 1382-6689 [IF: 2.08]
11.	Oxidative stress induced alteration of protein and nucleic acid metabolism in fluoride-intoxicated rat brain: protection by $\alpha$ -hydroxy olean-12-en-27-oic acid isolated from <i>Neanotiswightiana</i>	Sarkar C, Das N, <b>Pal S*</b> , Dinda B (*Corresponding author)	<i>International Journal of Pharmacy and Research</i> . <b>5</b> (7): 3047-3066. (2014)	ISSN (Online): 0975-8232; ISSN (Print): 2320-5148. [IF: 1.23] 2455-4685
12.	Additive protective effects of selenium and vitamin E against arsenic induced lipidemic and cardiotoxic effects in mice	Bhattacharjee S, <b>Pal S*</b> . (*Corresponding author)	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> <b>6</b> (5):406-413. (2014)	ISSN- 0975 – 1491 [IF: 0.66]
13.	Anti-lipidemic and cardioprotective effects of vitamin B <sub>12</sub> and folic acid against arsenic toxicity	Bhattacharjee S, <b>Pal S*</b> . (*Corresponding author)	<i>International Journal of Pharmacy, Chemical and Biological Sciences</i> , <b>4</b> (2): 353-360. (2014)	ISSN: 2249-9504
14.	Ameliorative effects of oleanolic acid on fluoride induced metabolic and oxidative dysfunctions in rat brain: Experimental and biochemical studies	Sarkar C, <b>Pal S*</b> , Das N, Dinda B (*Corresponding author)	<i>Food and Chemical Toxicology</i> , <b>66</b> : 224-236. (2014)	ISSN: 0278-6915 [IF:4.679]

15.	Mitigating role of folic acid and vitamin B <sub>12</sub> against sodium arsenite-induced oxidative stress in rat testis	Sarkar C, Bhattacharjee S, <b>Pal S*</b> (*Corresponding author)	<i>Journal of Applied Biosciences</i> , <b>39</b> (1): 1-22. (2013)	ISSN 1997-5902
16.	Additive beneficial effect of folic acid and vitamin B <sub>12</sub> co-administration on arsenic-induced oxidative damage in cardiac tissue <i>in vivo</i>	Bhattacharjee S, Sarkar C, <b>Pal S*</b> . (*Corresponding author)	<i>Asian Journal of Pharmaceutical and Clinical Research</i> , <b>6</b> (1): 64-69. (2013)	ISSN- 0974-2441 [IF: 0.7]
17.	Review Article entitled Arsenic Induced Cardiotoxicity : Ameliorative Role of Vitamins and Minerals	Bhattacharjee S, <b>Pal S*</b> (*Corresponding author)	<i>Indian Journal of Physiology and Allied Sciences</i> , <b>67</b> (4): 167-174. (2013)	ISSN: 0367-8350
18.	Certain Additive Beneficial Effects of Melatonin and Vitamin E co-administration against Arsenic-induced Oxidative Stress in Rat Liver	<b>Pal S*</b> , Bhattacharjee S, Chatterjee AK (*Corresponding author)	<i>Indian Journal of Physiology and Allied Sciences</i> , <b>67</b> (3): 99-115. (2013)	ISSN: 0367-8350
19.	Possible beneficial effects of melatonin supplementation on arsenic-induced oxidative stress in Wistar rats	<b>Pal S</b> , Chatterjee AK	<i>Drug and chemical toxicology</i> , <b>29</b> (4): 423-433. (2006)	ISSN:0148-0545 (print),1525-6014 (electronic) [IF: 1.946]
20.	Prospective protective role of melatonin against arsenic-induced metabolic toxicity in Wistar rats	<b>Pal S</b> , Chatterjee AK	<i>Toxicology</i> , <b>208</b> (1): 25-33. (2005)	ISSN: 0300-483X [IF: 4.099]
21.	Protective effect of methionine supplementation on arsenic-induced alteration of glucose homeostasis	<b>Pal S</b> , Chatterjee AK	<i>Food and chemical toxicology</i> , <b>42</b> (5): 737-742. (2004)	ISSN: 0278-6915 . [IF: 4.679]
22.	Protective effect of N-acetylcysteine against arsenic-induced depletion <i>in vivo</i> of carbohydrate	<b>Pal S</b> , Chatterjee AK	<i>Drug and chemical toxicology</i> <b>27</b> (2): 179-189. (2004)	ISSN: 0148-0545 (print), 1525-6014 (electronic) [IF: 1.946]
23.	Arsenic-induced alteration of glucose homeostasis	<b>Pal S</b> , Chatterjee AK	<i>Indian Journal of Physiology and Allied Sciences</i> , <b>56</b> (1): 25-32. (2002)	ISSN: 0367-8350

**Seminar/Conference/Workshop/Refresher/Orientations etc. participated:  
Nos. : [2002-June 2020]**

SL. No.	Title of the paper presented in Conference/seminar /Webinar	Name of the participant	Seminar/Conference/ Workshop/Refresher/ Orientation	Year
1	Attended a Webinar by Dr. Debiprasad Duari, Director, M.P.Birla Planetarium, Kolkata on the topic 'The Sky & Beyond'	Sudipta Pal	A Webinar organized by the Department of Mathematics, The Bhawanipur Education Society College, Kolkata, W.B., India	23 <sup>rd</sup> June, 2020
2	Attended International Webinar on "COVID-19: Pathogen, Immunity and Hope"	Sudipta Pal	Two days' Webinar organized by the Department of Botany and IQAC, City College, Kolkata, West Bengal, India	20 <sup>th</sup> -21 <sup>st</sup> - June, 2020
3	Attended four days' Webinar Series on 'Ride the Tide of Covid with a Ray of Hope'	Sudipta Pal	Four days' Webinar organized by the IQAC, Surendranath College, W.B., India	15 <sup>th</sup> to 18 <sup>th</sup> June, 2020
4	Participated in National Kala Mela-2020	Sudipta Pal	Art Exhibition at Lalit Kala Academy, Rabindra Bhawan Premises, New Delhi	4 <sup>th</sup> -9 <sup>th</sup> March, 2020
5	Participated in Workshop on "Intellectual Property Rights (IPR)"	Sudipta Pal	One day workshop organized by Tripura University	17 <sup>th</sup> Jan, 2020
6	Participated in Shibaprasad Deb Memorial International Theatre Festival 2019 and Art Exhibition	Sudipta Pal	Art Exhibition organized by Little Drama Group, Gomati Dist, Tripura, India	15 <sup>th</sup> -21 <sup>st</sup> Dec, 2019
7	Participated in Art Haat-2019- The Annual Art Fair & Festival	Sudipta Pal	Art Haat organized by Arts Acre Foundation, International Centre for Creativity and Cultural Vision, Kolkata, West Bengal	2019
8	Participated in "Paintings Exhibition"	Sudipta Pal	Painting Exhibition organized by 39 Art Gallery, Agartala at City Centre Art Gallery, Agartala, Tripura	10 <sup>th</sup> -13 <sup>th</sup> Sept., 2019
9	Participated in 15 days' refresher course on "Science & Technology for Social Development"	Sudipta Pal	15 days' Refresher Course organized by the Faculty Development Centre, Tripura University	11 <sup>th</sup> -25 <sup>th</sup> Sept., 2019
10	Participated in Workshop on Animal Ethics and Biomedical Research	Sudipta Pal	Three day's workshop organized by the Advanced State Biotech Hub, Tripura University	18 <sup>th</sup> -20 <sup>th</sup> March 2019
11	Participated in State Level Workshop on "Gender Budgeting and Women Empowerment in Rural Areas"	Sudipta Pal (As organizing committee member)	State Level Workshop organized by the Centre for Rural Studies, Tripura University	2019 (31 <sup>st</sup> Jan-14 <sup>th</sup> Feb, 2019)
12	Participated in 21 day's	Sudipta Pal	21 days Refresher Course organized	8 <sup>th</sup> -28 <sup>th</sup>

	Refresher Course titled as “Naitalim: Gandhi’s Vision of Education and Present Scenario-Advanced Teaching and Research Methods”		by the Faculty Development Centre, Tripura University, West Tripura	January, 2019
13	Presented a paper titled as ‘Dietary Supplementation of S-adenosyl Methionine Protects Against Arsenic-induced Metabolic and Oxidative Stress in Wistar Rats.’	Sudipta Pal	PHYSICON-2019 (A National Seminar) organized by Bankura Christian College, Bankura, West Bengal, India	15 <sup>th</sup> -17 <sup>th</sup> Nov, 2019
14	Presented a paper titled as ‘Hexavalent chromium (Cr VI) induced alteration in metabolic homeostasis in mice hepatocyte.’	Sudipta Pal (Invited speaker)	National Seminar on Biological Sciences for Human welfare: Teaching and Research in Modern Perspective organized by the Department of Physiology, Zoology, Botany and Environmental Sciences, Berhampore Girls’ College, Murshidabad, West Bengal	29 <sup>th</sup> -30 <sup>th</sup> Sept, 2018
15	Presented a popular talk titled as ‘Lead , a threat to mitochondrial energy production’	Sudipta Pal	A popular talk at Agartala Durdarshan Kendra, Tripura, India	8 <sup>th</sup> August, 2018.
16	Participated in Ten days Workshop on “Purification, Assay and Kinetics of Enzymes”	Sudipta Pal	Department of Zoology, T.U.	26 <sup>th</sup> April to 5 <sup>th</sup> May, 2018
17	Participated in Five days Workshop on “Training in Genomic Research”	Sudipta Pal	Conducted by the State Biotech Hub, T.U.	19 <sup>th</sup> to 23 <sup>rd</sup> March, 2018
18	Participated in Three days Workshop on “Chromatographic Techniques”	Sudipta Pal	Conducted by the State Biotech Hub, T.U.	7 <sup>th</sup> to 9 <sup>th</sup> March, 2018
19	Participated in Two days North East Winter School on “Genetic Analyses of Complex Traits”	Sudipta Pal	Organized by the Indian Statistical Institute and Tripura University	27 <sup>th</sup> to 28 <sup>th</sup> Feb, 2018
20	Presented Invited Talk on ‘Metabolic adaptability in Liver, Skeletal Muscle and Brain of Mice Exposed to Hexavalent Chromium.’	Sudipta Pal (Invited Speaker)	FIPS-PHYSIOCON 2017 (National conference) organized by DIPAS, New Delhi held at Patel Chest Institute, Delhi University	5 <sup>th</sup> to 7 <sup>th</sup> Nov, 2017
21	Acted as Organizing Committee Member to conduct two days’ National Seminar on ‘Violence against Women’	Sudipta Pal	Two days’ National Seminar organized by the Women’s Studies Center, T.U. held at T.U	6 <sup>th</sup> -7 <sup>th</sup> April, 2017.

22	Participated in Three days Workshop on “ Capacity building in grant writing skills and effective management of intellectual property rights (IPR) in Biotechnology by Universities and research Institutes in the North East Region”	Sudipta Pal	Biotech Consortium India Limited (BCIL), New Delhi	23 <sup>rd</sup> to 25 <sup>th</sup> Feb, 2017
23	Presented a paper on ‘Fluoride, a metabolic disruptor in brain tissue of rat.’	Sudipta Pal	International Conference on Material Sciences-2017 (International Conference) organized by the department of Physics, Tripura University, Tripura, India	16 <sup>th</sup> -18 <sup>th</sup> Feb, 2017
24	Presented invited talk on ‘Resveratrol, a Prospective Protective Agent Against Fluoride-induced Metabolic Stress in Rat Brain.’	Sudipta Pal (Invited Speaker)	XXVIIIth Annual Conference of the Physiological Society of India (PHYSIOCON-2016) (National Conference) organized by Midnapore College, Midnapore, W.B., India	18 <sup>th</sup> -20 <sup>th</sup> Nov, 2016
25	Participated in Five days Hands on Training on “Virtual Class System”	Sudipta Pal	Organized by the Computer Centre, Tripura University	19 <sup>th</sup> to 23 <sup>th</sup> Sept., 2016
26	Participated in Six days Workshop on “ Statistical and Computing Methods for Life Science Data Analyses”	Sudipta Pal	Organized by the Deptt of Human Physiology and Deptt. of IT, Tripura University, Tripura.	14 <sup>th</sup> to 19 <sup>th</sup> March, 2016
27	Presented a paper on ‘Protective effect of resveratrol against sodium fluoride-induced oxidative stress in rat brain.’	Sudipta Pal	103 <sup>rd</sup> Indian Science Congress-2016 (National Conference) organized by the University of Mysore, Karnataka, India	3 <sup>rd</sup> -7 <sup>th</sup> Jan, 2016
28	Organized State level science exhibition by Udbhaban club of Tripura University as a member of the organizing committee.	Sudipta Pal	State level science exhibition by UDBHABAN club of Tripura University	2015
29	Acted as Organizing Committee Member in one day seminar on "Combating Crime Against Women"	Sudipta Pal (Organizing Committee Member)	one day seminar on "Combating Crime Against Women" organized jointly by the Internal Complaint Committee, T.U. and Mohona : T.U.W.A at Tripura University Conference Hall	10 <sup>th</sup> Dec., 2015
30	Participated in seven days’ Workshop on Statistical Data Analyses Methods	Sudipta Pal	Seven day’s workshop organized by the Department of IT, T.U. in collaboration with ISRU, ISI, Kolkata	18 <sup>th</sup> to 24 <sup>th</sup> Nov, 2015
31	Presented Invited Talk on ‘Role of Certain Nutraceuticals in	Sudipta Pal (Invited	UGC sponsored two days’ National seminar organized by Deptt. of Food	22 <sup>nd</sup> -23 <sup>rd</sup> Sept.,

	Protection against Arsenic Toxicity.’	Speaker)	& Nutrition, Raidighi College, W.B., India	2015
32	Participated ‘One day seminar cum Workshop on Tuberculosis Awareness’.	Sudipta Pal	One day seminar cum Workshop on Tuberculosis Awareness, organized by Mohona, T.U.W.A and Chetana Institute for Women’s Studies, Agartala at Tripura University	31 <sup>st</sup> March, 2015
33	Participated in ‘Wiley Author Workshop’.	Sudipta Pal	Wiley Author Workshop at Tripura University	25 <sup>th</sup> March, 2015
34	Participated in Two days’ seminar cum workshop on Modern Biotechnology.	Sudipta Pal	Two days’ seminar cum workshop on Modern Biotechnology, organized by State Biotech Hub, Tripura University	2015
35	Presented a paper on ‘Sub-acute oral exposure to fluoride : a threat to metabolic homeostasis in rat brain.’	Sudipta Pal	102 <sup>nd</sup> Indian Science Congress, organized by University of Mumbai	3-7 January, 2015
36	Presented a paper on ‘Sub-acute arsenic toxicity : a threat to metabolic homeostasis.’	Sudipta Pal	PHYSICON-2014, a National Conference organized by Berhampore Girl’s College, Murshidabad, W.B.	19 <sup>th</sup> -21 <sup>st</sup> Dec, 2014
37	Participated in Author Workshop on “Skill development to write scientific literature, quality improvement of manuscript for publication success”	Sudipta Pal	Author Workshop on “Skill development to write scientific literature, quality improvement of manuscript for publication success”, organized by Springer in collaboration with the Central Library, Tripura University	18 <sup>th</sup> Nov, 2014
38	Participated in a panel discussion on “Women and Science”	Sudipta Pal	One day workshop organized by the Women’s studies Centre, Tripura University	25 <sup>th</sup> Feb, 2014
39	Participated in one day workshop on Enhancing Institutional Innovation with Intellectual Property Rights.	Sudipta Pal	One day workshop on Enhancing Institutional Innovation with Intellectual Property Rights organized by Tezpur University Intellectual Property Cell in collaboration with Equal Opportunity Cell, T.U.	21 <sup>st</sup> March, 2013
40	Participated in UGC-sponsored 5 days workshop on Capacity Building of Women Managers in higher Education: Sensitivity/ Awareness/ Motivation	Sudipta Pal	UGC-sponsored 5 days workshop on Capacity Building of Women Managers in higher Education: Sensitivity/ Awareness/ Motivation Workshop organized by Tripura University	30 <sup>th</sup> March-3 <sup>rd</sup> April, 2013
41	Participated in “Refresher Course in Life Sciences”.	Sudipta Pal	Refresher Course in Life Sciences, organized by UGC-ASC, University of Calcutta	2013
42	Participated in 100th Indian Science Congress	Sudipta Pal	100th Indian Science Congress, held at University of Calcutta, Kolkata (India)	2013



43	Presented a paper on ‘Arsenic, an environmental toxicant altering carbohydrate metabolism in vivo.’	Sudipta Pal	International Conference on Material Science, held at Tripura University, Tripura (India)	2013
44	Participated in “Orientation programme”.	Sudipta Pal	Orientation programme, organized by UGC-ASC, University of Calcutta	2012
45	Presented a paper on “Ameliorative effect of selenium and vitamin B <sub>12</sub> co-administration against arsenic-induced oxidative stress in male Wistar rats.”	Sudipta Pal	99th Indian Science Congress, held at KIIT University, Bhubaneswar (India)	2012
46	Participated in ‘Tripura State Science Congress’.	Sudipta Pal	Tripura State Science Congress, held at Agartala, Tripura (India)	2011
47	Participated in a Seminar on Molecular Biology	Sudipta Pal	Seminar on Molecular Biology organized by the Deptt. of Microbiology, Agartala Government Medical College, West Tripura	2011
48	Paper presentation on “Combined exposure of N-acetylcysteine and melatonin ameliorates arsenic-induced oxidative stress in male Wistar rats.”	Sudipta Pal	98th Indian Science Congress, held at SRM University, Chennai (India)	2011
49	Seminar attended	Sudipta Pal	Attended the National CME on Immunology under the aegis of Immunological Society organized by Agartala Govt. Medical College, Tripura	2010
50	Paper presented on “Co-administration of melatonin and vitamin E ameliorates arsenic-induced oxidative stress in rat liver.”	Sudipta Pal	International Conference on Integrative Physiology: Modern Perspective & Platinum Jubilee Celebration of the Physiological Society of India.	2009
51	Paper presentation on “Combined Supplementation of Melatonin and Vitamin C in the protection of Arsenic-induced Oxidative Stress in Liver of Wistar Rats.”	Sudipta Pal	19th Annual Conference of the Physiological Society of India	2008
52	Paper presentation on “Studies on glucose homeostasis in vivo following exposure to excess selenium.”	Sudipta Pal	International Conference on Frontier Researches in Integrative Physiology.	2007

53	Paper in Proceedings: "Role of melatonin as an antioxidant." Proceedings of the National Symposium on Present status of Scientific and Technological Interventions on the Development of Medicinal & Aromatic Plants in India	Sudipta Pal	National Symposium on Present status of Scientific and Technological Interventions on the Development of Medicinal & Aromatic Plants in India.	2007
54	Paper presentation on "Modulation of arsenic-induced oxidative stress following exposure to alcohol."	Sudipta Pal	18th Annual Conference of the Physiological Society of India.	2006
55	Paper presentation on "Prospective protective role of melatonin against arsenic-induced oxidative stress."	Sudipta Pal	93rd Indian Science Congress	2006
56	Paper presentation on "Prospective protective role of melatonin against arsenic-induced metabolic toxicity in Wistar rats."	Sudipta Pal	17th Annual Conference of the Physiological Society of India	2005
57	Paper presentation on "Possible influence of alcohol exposure on arsenic-induced carbohydrate metabolism."	Sudipta Pal	27th Annual Conference of the Indian Association of Biomedical Scientists	2005
58	Paper presentation on "Possible beneficial effect of N-acetylcysteine on arsenic-induced alteration of cellular antioxidant system."	Sudipta Pal	12 <sup>th</sup> West Bengal State Science & Technology congress	2005
59	Paper presentation on "Protective effect of methionine supplementation on arsenic-induced alteration of glucose homeostasis."	Sudipta Pal	16 <sup>th</sup> Annual Conference of the Physiological Society of India	2004
60	Paper presentation on "Protection against arsenic-induced alteration of glucose homeostasis by N-acetylcysteine."	Sudipta Pal	15 <sup>th</sup> Annual Conference of the Physiological Society of India	2003
61	Paper presentation on "Studies on certain aspects of carbohydrate metabolism following arsenic treatment."	Sudipta Pal	13 <sup>th</sup> Annual Conference of the Physiological Society of India	2002

## Research Projects:

Completed one UGC Major Research Project (2011-2014). Title: Mechanism of arsenic-induced cardiotoxicity: Possible ameliorative role of antioxidants. Amount: Nine lacs twenty four thousand.

## Research Supervisions (Scholar's Name, Topic and Status): Four Nos.

Scholar's Name	Topic	Status
Chaitali Sarkar	Certain aspects of fluoride toxicity on brain protein and nucleic acid metabolism in relation to thyroid function	Awarded (2015)
Surajit Bhattacharya	Mechanism of Arsenic -induced Oxidative Stress in Cardiac Tissue: Role of Certain Antioxidants	Awarded (2016)
Kanu Shil	Alterations in carbohydrate, protein and fat metabolism in liver, kidney, muscle and brain following sub-acute chromium exposure	Awarded (2018)
Pritha Das	Studies on metabolic homeostasis in mice following sub-acute lead toxicity	Awarded (2019)

## Scholarship/Award/Recognitions:

1. Scholarship from Labonya Prova Bose Trust, Kolkata for research work during the period from 01.10.2004 to 31.03.2005.
2. Received Senior Research Fellowship from Council of Scientific and Industrial Research, New Delhi from 01.04.2005 to 31.03.2007.
3. Received "Prof B. B. Sarkar Memorial Research Prize" for best research publication in the year 2004, presented by the Physiological Society of India, held in Midnapore (West Bengal), India, Dec 16th to 18th.
4. Selected for paper presentation in "ISCA Young Scientist Award Programme" (Section: Medical Sciences including Physiology), organized by the 92nd Session of Indian Science Congress Association, held in Ahmedabad, India, Jan 3rd to 7th, 2005.
5. Received "Prof P. B. Sen Memorial Research Prize" for the best research publication in the year 2005, presented by the Physiological Society of India, held in Gulbarga (Karnataka), Dec 1st to 3rd.
6. Selected for paper presentation in "ISCA Young Scientist Award Programme" (Section: Medical Sciences including Physiology), organized by the 93rd Session of Indian Science Congress Association, held in Hyderabad, India, Jan 3rd to 7th, 2006.

## **Other Information (if any): Other co-curricular activities**

- 1) Editorial Board Member of EC Nutrition, an open access journal
- 2) Reviewer of the journal of Toxicology, an Elsevier Journal
- 3) Editorial board member of Physiology Update
- 4) Acted as the Advisory Committee Member of Women's Hostel, T.U. in 2014 and attended meetings for the improvement of the boarders of the Women's hostel.
- 5) Member of the Board of Faculty of Science since 2013 to till date.
- 6) Member of the Board of Undergraduate Studies (BUGS) and Board of Post-graduate studies.
- 7) Acted twice as the Joint Convenor (organizing committee member) of Tripura University Cultural Festival (UDBHAAS-2014 and UDBHAAS-2016).
- 8) Acted as a core committee member of UDBHABAN Club and conducted state level science exhibition on grassroots innovations and ideas on 25<sup>th</sup> March 2015 and 19<sup>th</sup> to 20<sup>th</sup> April 2017
- 9) Acted as committee member to organize the Festival of Choral Music from Sangeet Natak Academy on 17-19<sup>th</sup> March, 2017 at Agartala
- 10) Acted as committee member to coordinate SPICMACAY collaborated Odissi dance performance of Mrs SujataMahapatra on 16<sup>th</sup> January, 2017
- 11) Community services: Organised a "Mega Health Camp" by the Deptt. of Human Physiology, T.U. in collaboration with Mohona, Tripura University Women's Association at Hatileta Village, West Tripura on 13<sup>th</sup> Dec, 2014.
- 12) Community services: Conducted 'Breast Cancer awareness Program' organized by Mohona; Tripura University Women's Association at Bagmara, Khas Madhupur Colony Gram Panchayet, West Tripura on 29th March, 2015.