

Faculty Profile

Name : Dr. Srikanta Guria

Email ID: srikantarna@yahoo.com, guriasrikanta@gmail.com

Designation: Assistant professor (W.B.E.S)

Department: Post Graduate Dept. of Zoology, Barasat Govt. College,
Govt. of West Bengal, Barasat- 700124.



Education Qualification: (Institutional Details)

PhD.: In Zoology from University of Calcutta

M.Sc. : In Zoology from University of Calcutta

B.Sc.: In Zoology from University of Calcutta

Teaching Experience:

1. Former Part Time Lecturer, Department of Zoology Charuchandra College, 22 Lake Road, Calcutta – 700029 West Bengal
2. Former Part Time Lecturer, Department of Zoology, Shyampur Siddheswari College (Mahavidyalaya), Ajodhya, Howrah 711312 West Bengal
3. Joined in West Bengal Education Service (W.B.E.S) on 3.12.2008

College	Post	Department	from	to	Teaching Experience
Darjeeling Govt. College, Darjeeling-734101. West Bengal	Permanent post, (Full time) Assistant professor (W.B.E.S)	P.G. Department of Zoology	3.12.2008	30.4.2013	U.G Hons. and General classes in Zoology and P.G (M.Sc.) classes in Zoology
Barasat Govt. College, Barasat, Kolkata-124	Permanent post, (Full time) Assistant professor (W.B.E.S)	P.G. Department of Zoology	2.5.2013	Till date	U.G Hons. and General classes in Zoology and P.G (M.Sc.) classes in Zoology

Specialization: (Specialisation in M.Sc.- Parasitology & Immuno Biology)

P.hD. in Zoology (Field=Endocrinology)

Research Experience: 13 years (including P.hD. period)

- Former Jr. Research Fellow (JRF), UGC –RFSMS (Ref no.UGC/55/ RFSMS), Department of Zoology, University of Calcutta.

Full papers in Conference Proceedings

Sl. No.	Title with page no.	Details of Conference Publication	ISSN/ ISBN No.	No. of Co author	Whether you are the main author
1	Cell Death and DNA Damage in Peritoneal Macrophages of Rat Exposed To Cadmium Chloride. Proceedings of Biodiversity: Interrelationship between Flora, Fauna and Human. P144-149	Mrinalini Datta Mahavidyapith in UGC-Sponsored National Conference on Biodiversity: Interrelationship between Flora, Fauna and Human.	ISBN No. 978-81-929-410-0-4	5	main author
2	Thyroid Peroxidase (<i>TPO</i>) Gene Mutation in Patients with Congenital Hypothyroidism. Proc/Natl/ UGC-Seminar/Zoo/ Srikanta Guria-Biswabandhu Bankura-Subhankar Chowdhury-Madhusudan Das P 32-36	UGC Sponsored National-level Seminar On “Cutting Edge Technologies & Frontier Areas of Research in Zoology”, Organized by Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	NA	3	main author
3	SNPs are Powerful Genetic Markers for The Detection of Human Diseases Proceedings of Perspectives in Animal Sciences: Research and Application Srikanta Guria*, Arup Kumar Pattanayak, Biswabandhu Bankura, Subhankar Chowdhury and Madhusudan Das	Department of Zoology Midnapore College (Autonomous) UGC-sponsored National Seminar on "Perspectives in Animal Sciences: Research and Application"	NA	4	main author

Articles/ Chapters published in Books *

Sl. No.	Title of article	Book title, editor & publisher with year	ISSN/ISBN No.	Whether peer reviewed	No. of Co author	Whether you are the main author
1	Thyroid hormone mediated maintenance of glucose homeostasis and cytomorphology of cardiac muscle and skin in rat.	Animal Science & Issues (2011) Edited by Jacob M. Jaworski Nova Sc. Publisher Int.	ISBN-10: 1617618705 ISBN-13: 9781617618703	peer reviewed	3	Main author
2	Thyroid Deregulation Causes Cellular Damage in Pancreatic Islets and Spleen in Rat. pp, 25-32	Vertebrate and Invertebrate Animal Approaches (2014) Jose Rosa Gomes Nova Sc. Publisher Int.	ISBN:978-1-63117-102-4	Peer reviewed	3	Main author
3	Hypothyroidism causes cellular damage retinal tissue and biceps in rat Pp,33-38	Same as Sl. No 2	ISBN:978-1-63117-102-4	peer reviewed	11	All are equal contributor
4	Methimazole Induced Hypothyroidism Modulates Cytomorphology of Skin Epidermis and Collagen Synthesis in Rat Pp,39-44	Same as Sl. No 2	ISBN:978-1-63117-102-4	peer reviewed	3	Main author
5	Hypothyroidism reduces phagocytic activity of rat macrophage. Pp,45-52	Same as Sl. No 2	ISBN:978-1-63117-102-4	peer reviewed	1	Main author
6	Phagocytosis of yeast particles by peritoneal macrophage in normal and hyperthyroid rat. Pp,53-60	Same as Sl. No 2	ISBN:978-1-63117-102-4	peer reviewed	1	Main author
7	Pulmonary Involvement of Arsenic Poisoning and Effect of Arsenic Toxicity on Peritoneal Macrophages and Spleen Cells in Rat. Pp,61-70	Same as Sl. No 2	ISBN:978-1-63117-102-4	peer reviewed	7	Main author
8	Study of cytomorphology of pancreatic islets and peritoneal macrophage in alloxan induced diabetic rat: a mechanistic insight Pp,71-80	Same as Sl. No 2	ISBN:978-1-63117-102-4	peer reviewed	8	Main author

9	Clinical Spectrum of Hypothyroidism in West Bengal, India. Pp,295-302	Same as Sl. No 2	ISBN:978-1-63117-102-4	peer reviewed	8	Main author
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*** Above articles published as paper in journal also (publisher was same i.e. Nova Sc. Publisher Int.).**

Papers presented in Conferences, Seminars, Workshops, Symposia

Sl. No	Title of the paper presented	Conferences, Seminars, Workshops, Symposia	Organized by	Date	Category
1	Effect of Pollutants on Death Profile of Invertebrate Defensive Cells (Hemocytes)	National Conference on Future India: Science and Technology	City College, Kolkata and Indian Science Congress Association, Kolkata Chapter	27-28 February, 2019	Oral presentation
2	Alteration of Histological Changes of Pancreas and Liver in Streptozotocin (STZ)-Induced Experimental Diabetes Mellitus [Anirban Chatterjee and Srikanta Guria]	International Seminar on Recent Trends In Science Towards Sustainable Development	Acharya Prafulla Chandra College New Barrackpore, Kolkata-700131 In collaboration with Indian Chemical Society	06 th -07 th August, 2018	Poster presentation
3	Effect of Environmental Pollutants like Arsenic and Lead on Death Profile of Invertebrate Hemocytes [Srikanta Guria]	International Seminar on Recent Trends In Science Towards Sustainable Development	Acharya Prafulla Chandra College New Barrackpore, Kolkata-700131 In collaboration with Indian Chemical Society	06 th -07 th August, 2018	Poster presentation
4	Analysis of Thyroid Peroxidase (<i>TPO</i>) Gene Mutation in Patients with Congenital Hypothyroidism: An Indication of Genetic Factor Controlling	International Symposium On Child Welfare: A Global Perspective	Dept. of Zoology Charuchandra college	4 th January 2018	Poster presentation

	Child Health Problem				
5	Exposure of Arsenic and Lead induces Apoptosis, Necrosis and Paraptosis like Cell Death in Invertebrate Hemocytes	National Conference Zoo Con 2017: Animal Science In 21st Century	Department of Zoology, University of North Bengal	Feb 11-12, 2017	Oral Presentation
6	Threats of Arsenic and Lead on Morpho-Functional Shift of Invertebrate Immunocytes: A Short Report [ISBN:978-93-82094-13-5]	International seminar on recent trends in microbiology	Dept. Of Microbiology, Ramkrishna Mission Vidyamandira, Belur Math, Howrah, WB	14.01.2017	Poster Presentation
7	Study of genetic predisposition for hypothyroidism as well as type 2 diabetes mellitus (T2DM)	National symposium on molecular aspect of human diseases	Dept. Of Physiology, Serampore college	19 March, 2016	Poster Presentation
8	SNP analysis for hypothyroidism and type 2 diabetes mellitus (T2DM) in the patients of West Bengal	Consortium for an integrated research on molecular medicine: Search for novel biopharmaceuticals from natural resources of West Bengal (CIRMM, WBSU)	Department of Zoology, West Bengal State University	25 th and 26 th February, 2016	Oral Presentation
9	SNPs are powerful genetic markers for the detection of human diseases	UGC-sponsored National Seminar on "Perspectives in Animal Sciences: Research and Application"	Department of Zoology, Midnapore College	23rd and 24th November, 2015	Poster Presentation
10	Assessment of Gene Polymorphism/Mutation in Hypothyroidism and Type 2 Diabetes Mellitus in West Bengal	National seminar on mol aspect of human diseases	Department of Zoology, University of Calcutta	31st. January, 2015	Poster Presentation

11	Alteration of Cytomorphology of Mice Peritoneal Macrophages, Splenocytes and Histological Analysis of Liver and Pancreas under Eltroxin Induced Condition	National conference on env. issues	Foundation For Science & Environment, Kolkata in association with Scientific & Environmental Research Institute, kolkata	10 th August, 2014	Poster Presentation
12	Assessment of Thyroid Peroxidase (<i>Tpo</i>) Gene Polymorphism in Hypothyroid Patients	National seminar on biodiversity and its management..... ...security	Department of Zoology, University of Kalyani	24 th November 2013	Oral Presentation
13	Cell Death and DNA Damage in Peritoneal Macrophages of Rat Exposed To Cadmium Chloride	National conference on biodiversity	Mrinalini Datta Mahavidyapith in UGC-Sponsored National Conference	30 th september , 2013	Oral Presentation
14	Thyroid Peroxidase (<i>TPO</i>) Gene Mutation in Patients with Congenital Hypothyroidism	National seminar on cutting edge.....research in zoology	Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	September 07, 2013	Oral Presentation
15	Chronicles of a silent death of rat peritoneal macrophage in thyroid dysfunction: A comprehensive approximation	National symposium on man, animal and env.....modern research	Department of Zoology, University of North Bengal.	March 08-09, 2013	Oral Presentation
16	Mutation screening of the thyroid peroxidase (TPO) gene in hypothyroid patients of West Bengal.	National conference on emerging.....bio chemistry	National Conference, Department of Zoology, Banaras Hindu University, Varanasi.	February 4 – 5, 2013	Oral Presentation
17	Thyroid peroxidase (TPO) gene mutation in patients with hypothyroidism in the population of West Bengal,.	State level seminar on biodiversity and society	Dept. of Zoology. Tamralipta Mahavidyalaya, Tamluk-721636, Purba Medinipur	25 Jan 2012	Oral Presentation

18	Thyroid dysfunction and its effect on different organs in rat	National seminar on faunal diversity	Department of Zoology, University of Calcutta	16th. February, 2008	Poster Presentation
19	Thyroid Peroxidase (TPO) Gene polymorphism and its relation with thyroid deregulation	National seminar on faunal diversity	Department of Zoology, University of Calcutta	16th. February, 2008	Poster Presentation

Seminar/Workshop/Conference/Symposium attended (without paper presentation)

Sl No	Topic	Seminar/ Workshop/ Conference / Symposium	Sponsored By	Organized By	Date	National / State Level	Participation with or Without paper
1	Bioresource and Human welfare	Seminar	UGC	Botanical Survey of India and Zoological Survey of India at Lady Brabourne College	20-21 Jan 2011	National	Without paper
2	Biological thoughts: micro to the macro	Seminar	UGC	Dept of Zoology, University of Calcutta	9 Feb 2010	National	Without paper
3	Environmental and Occupational Health: influence with statistics	Seminar	UGC	Calcutta statistical association at Dept. of Stat. C.U	27 Dec. 2008.	National	Without paper
4	inclusive education: challenges ahead in higher education	Seminar	UGC	Govt. College Art and Craft, Calcutta and WBGCTA	23 Jan 2010.	National	Without paper
5	Higher education in India: reforms and reality	Seminar	UGC	Institute for Education for Women, Hastings House and WBGCTA	21 Jan 2012	National	Without paper

6	Environmental Crisis: Challenges in the 21 st century	Seminar	UGC	Dept. of Environmental Science & Zoology. Netajinagar College for Women In collaboration with BankimSardar College.	31 Jan 2012	State Level	Without paper
7	Animal Ecology and Behaviour	Seminar	UGC	Dept. of Zoology. Hooghly Mohsin College	11 Feb 2012	State Level	Without paper
8	Marine Biodiversity: Its Basic and Applied aspects	Seminar	UGC	Dept. of Zoology. Charuchandra College In collaboration with Zoological survey of India, Kolkata.	14 Feb 2012	State Level	Without paper
9	Algal biodiversity and its exploitation	Work Shop	DST	Department of Botany University of Calcutta	24-25 Nov 2007.	National	Without paper
10	Bio-Physical Chemistry for Cancer Research	Work Shop	Govt. of West Bengal	ST. Joseph College and Darjeeling Govt. College	29 Oct to 2 nd Nov 2011	National	Without paper
11	Application of statistical techniques in natural sciences	Work Shop		Dept of Statistics, University of Calcutta and Kolkata Resource Centre, inter University centre for Astronomy and Astrophysics, Pune.	Dec 30-31 2010	National	Without paper
12	Advanced techniques in molecular biology.	Work Shop	Govt. of West Bengal	Presidency College	10-13 Feb 2010.	National	Without paper
13	Applications of Flow Cytometry, Cell Sorting and Imaging in Biological	Work Shop	UGC	Center For Modern Biology and Centre for Research in Nanoscience and	18-24 Feb 2012.	National	Without paper

	Research			Nanotechnology University of Calcutta in collaboration with BD at CRNN, Salt Lake. Sector III, Kolkata			
14	Industrial Microbiology	Work Shop	Self- financing	SHRM Biotechnologies Pvt. Ltd. Kolkata-700155	10 days dt.,21 Jan 2012	State Level	
15	Advances application of Recombinant DNA technology	Work Shop	Self- financing	SHRM Biotechnologies Pvt. Ltd. Kolkata-700155	Dt.14 Jan 2012 10 days	State Level	
16	Research Update 2015	Seminar	UGC SAP- (DRS II)	Department of Zoology, University of Calcutta	31 st Marc h 2015	National	Without paper
17	Environment, science and society-exploring new horizons	Seminar	Govt. of WB	Science forum&humanities and social science forum at Mrinalinidatta college	7 Dec 2015	Internati onal	Without paper
18	Biodiversity, mission and vision	National seminar	UGC	Department of Zoology, Barasat Govt. College	19-20 Nov 2016	National	
19	Science Academies Lecture Workshop on “Recent Trends in Chemistry and Biology”	Workshop	Indian Academy Of Science, Indian National Science Academy, The National Academy Of Science	Science Forum , Mrinalini Data Mahavidyapith, Birati	March 4- 6, 2017	National	-

20	Vector-borne and Zoonotic Diseases: Emerging challenges in surveillance, diagnosis and Control in the context of global travel, urbanization and climate change”	The National Conference [10th National Conference of Medical Arthropodology (NCMA)]	ICMR,D RDO	Postgraduate Department of Zoology, Asutosh College, Kolkata In Association with: Society of Medical Arthropodology (SOMA), Hyderabad	8th and 9th December 2017	National	Without Paper
21	Challenges Of Contemporization In Higher Education Institution In India	Seminar	NAAC	Sarojini Naidu College For Women	29 th January 2018	national	Without paper
22	Workshop on CBCS	Workshop	WBSU	Dept. Of Zoology WBSU	9 th February 2018		
23	STATE LEVEL SEMINAR ON BIODIVERSITY OF WEST BENGAL	State level seminar		Ramkrishna Mission Vidyamandira	28 th September 2018	State level seminar	Without paper
24	‘SPARSHA’	State level seminar		Zoological society of Kolkata and RKMVC	13 th January 2019		Without paper
25	New Methodology of NAAC Assessment for Quality Enhancement in Higher Education Institutes Organized by Ramakrishna Mission Vivekananda Centenary College, Rahara Kolkata – 700118	Seminar	NAAC, Bangalore	Ramakrishna Mission Vivekananda Centenary College, Rahara Kolkata – 700118	22 & 23 January, 2019	national	Without paper

Non-Degree Products: Guidance to Master's level

Sl. no	Project/dissertation/review title	Number of students enrolled	level	Academic Sessions
1	Cell Death and DNA Damage in Peritoneal Macrophages of Rat Exposed To Cadmium Chloride and Lead Acetate	7	M.Sc III Sem	2012-2013
2	Pulmonary Involvement Of Arsenic Poisoning And Effect Of Arsenic Toxicity On Peritoneal Macrophages And Spleen Cells In Rat	5	M.Sc III Sem	2011-2012
3	Study Of Cytomorphology Of Pancreatic Islets And Peritoneal Macrophage In Alloxan Induced Diabetic Rat: A Mechanistic Insight	5	M.Sc IV Sem	2011-2012
4	Phagocytosis Of Yeast By Peritoneal Macrophage In Normal And Eltroxine Treated Rat: An Experimental Approach	9	M.Sc IV Sem	2010-2011
5	Methimazole induced alteration of rat physiology	9	M.Sc IV Sem	2010-2011

Sl. no	Review/ Project/dissertation title	Number of students enrolled	level	Academic Sessions
1	Role of Macrophages in Atherosclerosis: Risk of Cardiac Arrest (Review)	1 (Roll: 0132001)	M.Sc. IV Sem	2013-2014
2	Role of Macrophages in Alzheimer's Disease (Review)	1 (Roll: 0132003)	M.Sc. IV Sem	2013-2014
3	Cytomorphology of mice peritoneal macrophages, spleen cells and histological analysis of tissues under Eltroxin induced hyperthyroid condition(project)	3 (Roll: 0132001, 0132003, 0132004)	M.Sc. IV Sem	2013-2014
4	Highly Active Anti Retroviral therapy on AIDS- status and prospects	1 (BGC/ZOO/14209)	M.Sc. III Sem	2014-2015
5	Hepatitis B & its therapeutic approaches	1 (BGC/ZOO/14206)	M.Sc. III Sem	2014-2015
6	Molecular Mimicry-A Possible Cause Of Human Diseases	Moumita Banerjee	PG Sem IV	2014-2015

7	Effects of chromium (VI) toxicity on murine peritoneal macrophages and chromium induced histological changes of pancreatic islets and liver: A Preliminary study of metal induced diabetes development(project)	Brintasree Chackraborty,	PG Sem IV	2014-2015
8	Cancer immunotherapy	Juin Mondal	M.Sc III Sem	2013-14
9	Invertebrate immunity	Madhurima Bose	M.Sc III Sem	2013-14
10	Traversal of Pathogen Through blood–brain barrier ; insight mechanism	1 (Roll: 0132001)	M.Sc. III Sem	2013-2014
11	Morphological Shift and Alteration of Phagocytic Behaviour of Insect Haemocytes Exposed to Arsenic and Lead	Shahina Parveen Roll No: BGC/ZOOL 15202	M.Sc. Semester-III	2015-2016
12	Different categories of invertebrate haemocytes specially in insect and their phagocytic behaviour: A short report	Deb Shankha Goswami Roll No.: BGC/ZOOL/15102	M.Sc. Semester-III	2015-2016
13	Threats of Arsenic on Morphological Shift of Hemocytes of Molluscs	Shahina Parveen Roll No: BGC/ZOOL 15202	M.Sc. Semester-IV	2015-2016
14	Hemocyte : The invertebrate counterpart of the vertebrate macrophage	Deb Shankha Goswami Roll No.: BGC/ZOOL/15102	M.Sc. Semester-IV	2015-2016
15	Recent Outbreak of Dengue In West Bengal, Kolkata	Nilabja Patranabish	M.Sc. Semester-III	2016-2017
16	Dendritic Cell: A Key Cell Used in Cancer Therapy	Moumita Sikder	M.Sc. Semester-III	2016-2017
17	Death Profile of Hemocyte in Molluscs After Exposure Of Lead (Pb)	Sujata De	M.Sc. Semester-III	2016-2017

18	Metal toxicity induces cell death in invertebrate defensive cells	Nilabja Patranabish	M.Sc. Semester-IV	2016-2017
19	Cytomorphology of Haemocyte: In <i>Periplaneta americana</i>	Moumita Sikder	M.Sc. Semester- IV	2016-2017
20	Alteration of Cytomorphology of Peritoneal Macrophages, spleen cells, Pancreatic Islets and Liver in Rat After Exposure of Mercuric Compound : An Indication of Metal Induced Diabetes Mellitus	Sujata De	M.Sc. Semester- IV	2016-2017
21	Inflammatory Cytokines In Depression	Sayantan Shaw 17106	M.Sc. Semester-III	2017-2018
22	Biology Of <i>Micobacterium Tuberculosis</i> Infection	Priti Majumder 17203	M.Sc. Semester-III	2017-2018
23	West Nile Virus Pathogenesis	Anirban Chatterjee 17101	M.Sc. Semester-III	2017-2018
24	Autoimmunity To Thyroid Gland - In Context Of Hashimoto's Thyroiditis	Sreya Chakraborty 17217	M.Sc. Semester-III	2017-2018
25	Macrophage Dependent Spreading And Immune Evading Strategies Of HIV	Sayantan Shaw 17106	M.Sc. Semester-III	2017-2018
26	OVERVIEW OF PARASITIC HELMINTH INFECTION WITH SPECIAL REFERENCE TO SCHISTOSOMIASIS	Priti Majumder 17203	M.Sc. Semester-III	2017-2018
27	Alteration of Cytomorphology of Peritoneal macrophages, Pancreatic Islets and Liver in Streptozotocin-Induced Experimental Diabetes Mellitus	Anirban Chatterjee 17101	M.Sc. Semester-III	2017-2018
28	Bacterial Toxins And Macrophage Response	Sreya Chakraborty 17217	M.Sc. Semester-III	2017-2018
29	Cancer Immunotherapy By Inhibition Of CTLA-4 activity	PGZOOL-15 Soma Mondal	M.Sc. Semester-III	2018-2019

30	'Eat Me'signal-A Hug Of Death	PGZOOL-20 Susraba Chatterjee	M.Sc. Semester-III	2018-2019
31	Human African Trypanosomiasis	PGZOOL-23 Rupkatha Biswas	M.Sc. Semester-III	2018-2019
32	Plasmodium Falciparum And Host-Parasitic Interaction	PGZOOL-32 Nazima Khatun	M.Sc. Semester-III	2018-2019

Awards & Achievements:

Sl no	
1	SLET(SET) 2005
2	UGC-CSIR NET (LS) 2006
3	Jr. Research Fellow (JRF), UGC –RFSMS (Ref no.UGC/55/ RFSMS) from Department of Zoology, University of Calcutta.
4	Professional grade Diploma on food processing, quality control & customized management services from Dept. of Food Tech. & Biochemical Engineering, Jadavpur University, Kolkata.
5	Best senior scientist award for oral presentation at 24 th All India Congress of Zoology & National Seminar on Biodiversity and Its Management for Food & Environmental Security & National Helminthological Congress at University of Kalyani
6	Award for outstanding paper presentation at National Symposium on Man, Animal And Environment Interaction In The Perspective Of Modern Research on organized by, Department of Zoology, University of North Bengal

Publications (National /International peer reviewed Journal):

List of selected publications (Total Citation Index= 85, h index=5, i 10 index=2)

1. Guria S (2018). Arsenic Induced Hepatotoxicity and Damage of Pancreatic Islets In Albino Rat: A Possible Role of Diabetes Mellitus. *International Journal of Current Advanced Research*, 07(1), 9159-9163. DOI: <http://dx.doi.org/10.24327/ijcar.2018.9163.1502>. **Impact Factor: SJIF: 5.995 , [ICI, Thomson Reuters, Google Scholar]**

2. Guria S (2018). Alteration of Cytomorphology of Peritoneal Macrophages of Albino Rat Exposed to Mercuric Compound. *World Scientific News*. 92(2): 392-399

3. Guria S (2018). Lead (Pb) Induces Paraptosis Like Cell Death in Hemocytes of *Lamellidens* Sp: A Preliminary Study *World Scientific News*. 94(2) : 163-172

4. Guria S, Chatterjee A and Das M (2018). 'Histological Changes of Endocrine Section of Pancreas and Liver in Streptozotocin-Induced Experimental Diabetes Mellitus', *International Journal of Current Advanced Research*, 07(4), 11849-11852. DOI: <http://dx.doi.org/10.24327/ijcar.2018.11852.2066> **Impact Factor: SJIF: 6.16 [ICI, Thomson Reuters, Google Scholar]**

5. Guria, S., Chatterjee, A. (2017). A Review on Complex Roles of Brain Macrophages/Microglia in Ischemic and Hemorrhagic Stroke Pathophysiology . *J. Atoms and Molecules*, 7(6): 1140 -1146, **CIF (2015): 4.569, GIF (2015): 0.564, SJIF(2012): 3.926 [ICI, Thomson Reuters, Research Gate, Google Scholar, Infobase index, ACS chemistry for life, Science Central, Copernicus, Scirus] impact factor= 0.564**

6. Guria S. Methimazole induced hypothyroidism alters histological structure of kidney in albino rat: A preliminary study. *J. Atoms and Molecules*, 7(5), 2017: 1099 – 1120 **CIF (2015): 4.569, GIF (2015): 0.564, SJIF(2012): 3.926 [ICI, Thomson Reuters, Research Gate, Google Scholar, Infobase index, ACS chemistry for life, Science Central, Copernicus, Scirus] impact factor= 0.564**

7. Guria S. Alteration of testicular cytomorphology in albino rats in alloxan induced diabetes: A histological study. *J. Atoms and Molecules*, 7(5), 2017: 1133 – 1139 **CIF (2015): 4.569, GIF (2015): 0.564, SJIF(2012): 3.926 [ICI, Thomson Reuters, Research Gate, Google Scholar, Infobase index, ACS chemistry for life, Science Central, Copernicus, Scirus] impact factor= 0.564**

8. Guria S, Parveen S and Goswami DS (2016). Alteration of Morphology, Phagocytic Behaviour and Aggregation of Insect Haemocytes Exposed to Contaminated Food with Arsenic and Lead. *International Journal of PharmTech Research*, 9(5), 177-186. **SNIP impact factor=0.66, IPP= 0.619, SCOPUS- scimago impact, H index=19**

9. Guria S, Das M (2016). Cytoplasmic vacuolation in resident peritoneal macrophages in rat exposed to lead acetate: the apoptosis/necrosis/ paraptosis paradox. *J. Atoms and Molecules*, 6(1): 946 – 954. **CIF (2015): 4.569, GIF (2015): 0.564, SJIF(2012): 3.926 [ICI, Thomson**

Reuters, Research Gate, Google Scholar, Infobase index, ACS chemistry for life, Science Central, Copernicus, Scirus] impact factor= 0.564

10. Guria S, Chakraborty B and Banerjee M (2016). Chromium (VI) induced histological changes of pancreatic islets and liver: a preliminary study of metal induced diabetes mellitus. *The Experiment*, 35(1): 2171-2181. Impact Factor=0.33, indexed by Google Scholar, Copernicus, Research Gate.

11. Mitra P, Guria S, Ghosh S, Chakraborti S, Chakraborty A, Das S, Chatterjee P, Paul P, Mandal D, Chatterjee B and Das M (2016). A preliminary study of clinical manifestations of polycystic ovary syndrome (PCOS) in kolkata. *International Journal of Research and Development in Pharmacy and Life Sciences*. 5(2): 2074-2079.

Impact Factor=0.764. Highest ICV (Index Copernicus Value) for 2014 = 71.94 .Coverage in Elsevier, [PubMed Indexed, Thomson Router Indexed, Pharmaceutical Sciences Open Access Resources (PSOAR), Ulrich's International Periodical Directory, ProQuest, Research Gate, Open-J-Gate and Genamics Journal Seek, Chemical Abstract (CAS), A division of Chemical American Society, Directory of Open Access Journals (DOAJ), New York University Health Sciences Libraries]

12. Guria S (2016). Enumeration and Structural Assessment of Murine Peritoneal Macrophages Exposed to Chromium (VI): A Preliminary Study. *Journal of Global Biosciences*, 5(2): 3650-3655. H-index: 4, Calculated by Google Scholar. Impact Factor=0.676

13. Chakrabarti, S., Chowdhury, S., Ghosh, S., Guha, M., Ghosh, S., Guria, S., Pattanayak, A. K., and Das, M (2015). Stillbirth and miscarriage associated with type 2 diabetes mellitus. *International Journal of Research and Development in Pharmacy and Life Sciences*. 4(5): 1732-1736. **Impact Factor=0.764. Highest ICV (Index Copernicus Value) for 2014 = 71.94 .Coverage in Elsevier [PubMed Indexed, Thomson Router Indexed, Pharmaceutical Sciences Open Access Resources (PSOAR), Ulrich's International Periodical Directory, ProQuest, Research Gate, Open-J-Gate and Genamics Journal Seek, Chemical Abstract (CAS), A division of Chemical American Society, Directory of Open Access Journals (DOAJ), New York University Health Sciences Libraries]**

14. Ghosh S, Ghosh S, Guria S, Chakraborty S and Das M (2015). Epidemiologic Evidence of Gastric Cancer Prognosis: Role of Dietary Factors. *International Journal of Research and Development in Pharmacy and Life Sciences*. 4(4): 1620-1624.

Impact Factor=0.764. Highest ICV (Index Copernicus Value) for 2014 = 71.94 .Coverage in Elsevier, [PubMed Indexed, Thomson Router Indexed, Pharmaceutical Sciences Open Access Resources (PSOAR), Ulrich's International Periodical Directory, ProQuest, Research Gate, Open-J-Gate and Genamics Journal Seek, Chemical Abstract (CAS), A division of Chemical American Society, Directory of Open Access Journals (DOAJ), New York University Health Sciences Libraries]

15. Chakrabarti, S., Chowdhury, S., Ghosh, S., Guha, M., Ghosh, S., **Guria, S.**, Pattanayak, A. K., and Das, M., (2015). Alteration of menstrual cycle associated with type 2 diabetes mellitus in women of west Bengal. *J. Atoms and Molecules*, 5(2): 872 – 879.

CIF (2015): 4.569, GIF (2015): 0.564, SJIF(2012): 3.926 [ICI, Thomson Reuters, Research Gate, Google Scholar, Infobase index, ACS chemistry for life, Science Central, Copernicus, Scirus] impact factor= 0.564

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