: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: **Dr. Oly Banerjee**

Designation: Assistant professor

Department: Medical Laboratory Technology

School: School of Allied Health Sciences

Research Area: Human Physiology [Endocrinology & Reproductive Physiology]

Details of research portfolio of faculty:

A. <u>Researcher's ID details:</u>

Google Scholar ID: 6Ui7M4cAAAAJ

Orchid ID: 0000-0002-0810-0183

Scopus ID: **57203090618**

Vidwan ID: **594411**

B. <u>Publication details:</u>

1. Conference proceedings/ Conference paper:

Sl. No.	Name of the Conference	Month & Year of Publication	Author(s) Name	National/ International	doi number (if any)	ISSN/ISBN no.

2. Publications in SCI/Scopus indexed Journals:

Sl. No	Name of the Journal (mention SCI/scopus)	paper	Month & Year of Publication	Author(s) Name (Highlight the corresponding and 1 st author in every article)		Issue No. &Volume No.	Page no.	ISSN of the journal
1	Naunyn-	Individual	April, 2025	Oly Banerjee ,	DOI:	Issue: 4,	3939-	1432-1912
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6	Administratio n: Theory and Practice [SCOPUS]	of	March, 2024	author) Tiyesh Paul, Oly Banerjee , Siddhartha Singh,	10.53555/k uey.v30i3. 3677	Issue: , Volume:	2232 - 2236	2148-2403
7	Advanced Zoology [SCOPUS]	Effect Of Folic Acid And Vitamin B12On Nicotine Mediated Ovarian Dysfunction		Siddhartha Singh,	10.53555/ja z.v45i2.446		1594- 1599	0253-7214
8	Zoology [SCOPUS]			Siddhartha Singh,	10.53555/ja z.v45i2.446	Issue: 2, Volume: 45	1603- 1608	0253-7214
9	Advanced Zoology [SCOPUS]		March, 2024	Das, Oly		Issue: 2, Volume: 45	1609- 1614	0253-7214

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11	International Journal of	Cytology: A Preliminary Study Advances in circadian	September 2024	Oly Banerjee		Issue: 11 , Volume:10	290- 293	2394-5869
	Applied Research [WOS & UGC Care]	rhythm research: Unraveling the molecular mechanisms and health implications			lresearch.2 024.v10.i11 e.12172			
12	International Journal of Applied Research [WOS & UGC Care]	Hypothalami c inflammatio n: A central player in the pathogenesis of diabetes mellitus	-			Volume:10	294-296	2394-5869
13	International Journal of Biological Sciences [WOS & UGC Care]		November, 2024	Oly Banerjee		Issue:2 , Volume:6	149-151	2664-9934
14	International Journal of Biological Sciences [WOS & UGC Care]	The gut- brain axis: A gateway to understandin g health and disease	November, 2024			Issue:2 , Volume:6	167-169	2664-9934
15	Toxicology [SCI]	Exploring aryl hydrocarbon receptor (AhR) as a	December 2023	Siddhartha Singh,	DOI: 10.1016/j.t ox.2023.15 3693	Volume: 500	153693	1879-3185

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		target for		Tapan Seal,				
		Bisphenol-A		Jayanta Mandal,				
		(BPA)-		Sangram Sinha,				
		induced		Anindita Banerjee,				
		pancreatic		Bithin Kumar				
		islet toxicity		Maji,				
		and impaired		Sandip				
		glucose		Mukherjee				
		homeostasis:		iviusiici jee				
		Protective						
		efficacy of						
		ethanol						
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		Centella						
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16	Toxicology	Cadmium-	· · ·	Siddhartha		Issue: 3,	279-288	0976-5131
	International	Induced	2023	Singh, Oly	10.18311/ti	Volume:30		
	[SCI]	Perturbation		Banerjee, Ishita	/2023/v30i			
		of Spleen		Saha, Sudipta	3/32544			
		Redox		Kundu, Alak				
		Status:		Kumar Syamal,				
		Therapeutic		Bithin Kumar				
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		Pumpkin		Mukherjee				
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		Isolate						
17	Journal of		September 2023	Julekha Sultana,	DOI	Issue: 3,	153-	0972-4397
	Ecophysiolog		September, 2025	Tiyesh Paul, Oly		Volume: 23	161,	0972 1397
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	-	Hematologic		Sinha Roy,	+027,			
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		Parameters		Raktima				
		of		Bandyopadhyay,				
		Undergroun		Sandip Mukherjee				
		d Coal Mine		and Alak Kumar				
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		(Camellia		Siddhartha Singh	3/29822			
		sinensis)		and Sandip				
		Extract on		Mukherjee				
		Endosulfan						
		Induced						
		Oxidative						
		Stress,						
		Inflammatio						
		n and						
		Hepatic						
		Damage in						
		mannage III	1		1	1	1	

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19	Biochemical Pharmacology [SCI]	Molecular dissection of cellular response of pancreatic islet cells to Bisphenol-A (BPA): A comprehensi ve review	Siddhartha Singh, Ishita Saha, Swagata Pal, Maitrayee Banerjee, Sudipta Kundu, Alak Kumar Syamal, Bithin Kumar Maji, Sandip	DOI: 10.1016/j.b cp.2022.11 5068	Volume:201	115068	0006-2952
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		nst		Prasad, Sourav				
		streptozotoci		Kumar,				
		n induced		Oly Banerjee,				
		pancreatic		Tapan Seal,				
		islet cell		Sandip Mukherjee,				
		injuries of		Bithin Kumar				
		diabetic rats		Maji				
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		respiratory		Bithin Kumar				
		impairment		Maji, Amalendu				
		among coal		Samanta, Sandip				
		miners of		Mukherjee				
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		marrow cells		Kumar Maji,				
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		triazole		Arnab Banerjee,				
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		(BPA)-		Kumar Maji,				
		induced		Sandip				
		toxicity in		Mukherjee				
		granulosa						
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32	Environmenta	Targeting	September 2018	Ankita	DOI:	Issue:9,	988-	1522-7278
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		vitamin B 12		Banerjee,				
		ameliorates		Siddhartha Singh,				
		nicotine		Arnab Banerjee,				
		mediated		Ananya Bose,				
		islet cell		Swagata Pal,				
		dysfunction		Bithin Kumar				
				Maji, Sandip				
				Mukherjee				

3. Book chapter:

Sl. No.	Title of the book	Publishers	Author(s) Name (Highlight the corresponding and 1 st author in every article)	Year	ISBN No.	doi no. (if applicable)
1	Molecular Nutrition and Mitochondria	Elsevier BV	Sandip Mukherjee, Oly Banerjee, Siddhartha Singh	2022	978-0- 323- 90256-4	10.1016/B978-0- 323-90256-4.00001- 1
2	Aloe Vera: bridging traditional with modern science in phytochemistry and pharmacology. In: Archive of Human Health and Wellbeing	AkiNik Publications	Oly Banerjee	2024	978-93- 6135- 299-7	10.22271/ed.book.2 750
3	Unraveling the impact: endocrine disruption and metabolic health. In: Archive of Human Health and Wellbeing		Oly Banerjee	2024	978-93- 6135- 299-7	10.22271/ed.book.2 750
4	Approaches to minimize cross infections within health care environment. In: RECENT TRENDS ON HEMATOLOGY AND INFECTIOUS DISEASE	Vivekananda	Oly Banerjee	2024	978-93- 6076- 130-1	
5	A comprehensive examination of anemia: classifications, origins, indications, and therapeutic approaches. In: RECENT TRENDS ON HEMATOLOGY AND INFECTIOUS DISEASE	Swami Vivekananda University (Institutional Publisher)	Oly Banerjee	2024	978-93- 340- 7137-5	

4. Text/Reference book published from reputed national/international publishers:

Sl. No.	Title of the Text/Reference book	Publishers	Author(s) Name (Highlight the corresponding and 1 st author in every article)	ISBN No.	doi no. (if applicable)

5. Project granted:

		Name of the project	Duration			
Sl. No	Sponsoring Agency		Starting Month & Year	Ending month & Year	Amount in Lakhs	PI/ CO- PI

6. Consultancy Project Grant:

Sl No.	Project title	Funding Agency	Duration	Completed (yes/no)	Sanctioned amount (in Rs.)	PI and CO- PI (if any)

7. Patent/IPR granted:

Sl. No.	Name of the patent	Name of the applicant	Name of the inventor	Date of File	Date of Publication	Whether Granted (yes/no); If yes, Date of Grant	Application No.
1		Vivekananda University	Oly Banerjee	12/03/2025	28/03/2025	No	202531022112 A

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