



Dr. Arindam Ghosh

M.B.B.S.(Hons), MD, DNB, MNAMS

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DOB : 26th January 1985

Nationality Indian

Professional Experience

- **Assistant Professor** (Biochemistry) , Dr. B.C. Roy Multi-Speciality Medical Research Centre, Indian Institute of Technology Kharagpur, West Bengal from Nov 2021 till date
- **Associate Professor** (Biochemistry) , MGM Medical College and L.S.K. Hospital, Kishanganj, Bihar (NMC recognised) from Feb 2020 to Oct 2021
- **Associate Professor** in the Dept of Biochemistry , IQ City Medical College, Durgapur, West Bengal (NMC recognised) from Aug 2018 to Feb 2020.
- **Assistant Professor** in the Dept. of Biochemistry , IQ City Medical College, Durgapur, West Bengal (NMC recognised) from Aug 2014 to July 2018.

Professional Qualifications

- **MD** in Biochemistry in 2014 from **Institute of Post Graduate Medical Education and Research, Kolkata**
- **DNB (Biochemistry)**: 2021: National Board of Education in Medical Sciences
- **MBBS** in 2008 from **Nilratan Sircar Medical College, Kolkata**

Special Training Courses

- Trained in **CBME Biochemistry** certificate course conducted by MEU India from June 2020- September 2020
- Trained in **Advance Course in Medical Education (9th ACME)** from J.N.M.C. Sawangi (Meghe), Wardha, Maharashtra in 2019.
- Trained in 3 day MCI workshop on **Curriculum Implementation Support Program** at IQ City Medical College Durgapur, 2019
- Trained in **Basic Course in Biomedical Research** by NPTEL (Cycle 2) with consolidated score of 87%
- **Revised basic course workshop in medical education technologies**, IQ City Medical College, Durgapur, 2017
- **One day sensitization programme on Attitude and Communication (ATCOM) module**, IQ City Medical College, Durgapur, 2017
- **Basic course workshop in medical education technologies**, King George's Medical University, Lucknow, 2015.
- **Laboratory quality management system and internal auditing** as per ISO:15189:2012, IAQM, Kolkata

Research And Career Interests

- **Neuroscience (Alzheimer's Disease & Aging) , Diabetes & Metabolic syndrome, Bioinformatics**
- **Laboratory quality management and quality control.**
- **Medical Education Technology**

Article Publications

1. Dutta S, Mitra SK, Bir A, T R P, **Ghosh A**. Enhancing Anti-cancer Activity: Green Synthesis and Cytotoxicity Evaluation of Turmeric-Gold Nanocapsules on A549 Lung Cancer Cells. *Cureus*. 2023 Aug 7;15(8):e43087. doi: 10.7759/cureus.43087. PMID: 37680423; PMCID: PMC10482356.
2. Bir A, **Ghosh A**, Chowdhury S. Visceral adiposity index and lipid accumulation product index: The promising role in assessing cardiometabolic risk in non-obese patients of PCOS. *J Edu Health Promot* 2023;12:148
3. **Ghosh A**, Bir A. Evaluating ChatGPT's Ability to Solve Higher-Order Questions on the Competency-Based Medical Education Curriculum in Medical Biochemistry. *Cureus*. 2023 Apr 2;15(4):e37023. doi: 10.7759/cureus.37023. PMID: 37143631; PMCID: PMC10152308.
4. **Ghosh A**, Bir A. Role of written examination in assessment of Attitude Ethics and Communication in medical students: Perceptions of Medical Faculties. *J Edu Health Promot* 2021;10:23
5. **Ghosh A, Bir A. Need of evolution in mci teacher's training programs: faculty perceptions of a tertiarycare medical college in India.** *J. Evid. Based Med. Healthc.* 2020; 7(23), 1113-1118. DOI: 10.18410/jebmh/2020/240
6. Sinha S, **Ghosh A**, Bir A. **Role Of Six Sigma Metrics In Assessing Quality Check Of Analytical Errors In Clinical Laboratory.** *International Journal Of Scientific Research.* Volume-7 | Issue-4 | April-2018 | ISSN No 2277 - 8179 | IF : 4.758 | IC Value : 93.98
7. **Ghosh A**, Bir A. **Relationship Of Proinflammatory Cytokines With Microalbuminuria In Patients Of Type 2 DiabetesMellitus- Implications In The Pathogenesis Of Diabetic Nephropathy.** *Arindam Ghosh,Aritri Bir.* *J. Evid. Based Med. Healthc.,* pISSN- 2349-2562, eISSN- 2349-2570/ Vol. 5/Issue 10/March 05, 2018
8. Bir A, **Ghosh A**, Sinha S, Bannerjee A , **Quality Indicators Are Effective To Monitor The Performance Level Of Preanalytical Phase- A Study In A Clinical Laboratory Of Eastern India .J.** *Evid. Based Med. Healthc.,* pISSN- 2349-2562, eISSN- 2349-2570/ Vol. 5/Issue 13/March 26, 2018
9. Thakurta IG, Chattopadhyay M, **Ghosh A**, Chakrabarti S. Dietary supplementation with N-acetyl cysteine, α -tocopherol and α -lipoic acid reduces the extent of oxidative stress and proinflammatory state in aged rat brain. *Biogerontology*. 2012 Oct;13(5):479-88. doi: 10.1007/s10522-012-9392-5. Epub 2012 Aug 1
10. Thakurta IG, Banerjee P, Bagh MB, **Ghosh A**, Sahoo A, Chattopadhyay S, Chakrabarti S. Combination of N-acetylcysteine, α -lipoic acid and α -tocopherol substantially prevents the brain synaptosomal alterations and memory and learning deficits of aged rats. *Exp Gerontol*. 2014 Feb;50:19-25. doi: 10.1016/j.exger.2013.11.008. Epub 2013 Nov 27. PMID: 24291247.
11. Khemka VK, Ganguly A, Bagchi D, **Ghosh A**, Bir A, Biswas A, Chattopadhyay S, Chakrabarti S. Raised serum proinflammatory cytokines in Alzheimer's disease with depression. *Aging Dis*. 2014 Jun 1;5(3):170-6. doi: 10.14336/AD.2014.0500170.
12. Khemka VK, Bagchi D, **Ghosh A**, Sen O, Bir A, Chakrabarti S, Banerjee A. Raised serum adenosine deaminase level in nonobese type 2 diabetes mellitus. *ScientificWorldJournal*. 2013 Dec 25;2013:404320. doi: 10.1155/2013/404320.
13. Khemka VK, Choudhuri S, Ganguly A, **Ghosh A**, Bir A, Banerjee A. Lipid peroxidation and antioxidant status in non-obese type 2 diabetes mellitus. *Adv Endocrinol* 2014;2014:1-6. doi:10.1155/2014/830761