

CV of Dr. Kinjalka Ghosh. MBBS, MD

DOB: 3rd September 1984

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Medical Registration Number: 2008/04/1184 (Maharashtra Medical Council)

I. Present position : Assistant Professor in Clinical biochemistry . Started July 2014. In SGMC Medical College & KEM hospital Mumbai, India.

Job description : As a faculty I have to take regular theory and practical classes for Undergraduate MBBS students, Postgraduates doing masters Programme in Biochemistry and Medical technologists learning Biochemistry from the perspectives of doing diagnostic tests. I also have to take part in reporting biochemical results in this extremely busy tertiary care hospital (annual patient load 2.1 million). I also train the technicians in service and have working knowledge of using various clinical chemistry platforms by Hitachi, Dupont, Olympus. Roche , Siemens to name a few. I am also training myself as evaluator for quality assurance programme for National Biological Institute. During spare time I also do some research work as evidenced by my CV here.

II.Education:

- a. Secondary (School leaving): With 79% marks (from King George English Medium School, Dadar, Mumbai, India.
- b. Higher Secondary (A-level with Physics, Chemistry, Mathematics, Biology, Hindi and English): With 83% from K.C. College Churchgate, Mumbai.
- c. **Medical Graduation: MBBS.** with distinction in Biochemistry and 67% aggregate marks. From Pravara Institute Of Medical Sciences at Loni, Maharashtra, India.

Medical Post Graduation: MD. In Biochemistry (3 years Residency after MBBS) from Indira Gandhi Govt. Medical College, Nagpur. This programme includes 3 year intense work in the clinical biochemistry laboratory. Study of cases in the ward with various biochemical derangements. Case discussions every week with special emphasis metabolic and endocrine disorders, teaching undergraduate students on principles of clinical biochemistry and its integration to the overall subject, understanding quality control and management of clinical biochemistry laboratory, trouble shooting in the laboratory. This programme also needed a dissertation : **“The role of Ischemia Modified Albumin & hs- CRP in type 2 Diabetes Mellitus”**.

Additional Qualification: DNB Biochemistry, June 2017.

III. Work Experience:

1. Compulsory rotating internship of 1 year(2007 to 2008) duration in various branches of medicine and surgery (Housemanship) including 3 months posting in rural health centre. (This is equivalent to House officers Job in UK). During this time I learned many simple procedures like Cardiopulmonary Resuscitation, Pleural tap, Abdominal paracentesis, venesection, putting long lines, presenting cases briefly and succinctly to consultants. Counselling patients relatives during their bereavements, I also learnt during this period on the art of motivating family members of a patient who is brain dead, to come ahead with the proposal of organ donation. My 3 months rural posting in rural Maharashtra gave me a birds eye view of the nature of diseases that rural Indian population face . I learned management of cases with venomous snake bites, Scorpion bites , organophosphorous poisoning , management of various haemoglobinopathies , malnutrition , malaria both P .vivax and P. infection . I also learned elements of practical epidemiology from this rural posting.
2. Hands-on workshop on Advanced Cardiac Life Support.
3. Took active participation in various CMEs.
4. National Conference on Rural Health 5-7 Dec 2002(**I was an active member of the organizing Committee). This conference taught me how to organize big medical conferences.**
5. Worked in National Institute of Immunohaematology(NIIH) as an observer to understand how medical research is carried out From March 2008 -Jan 2009. Here I took part in some haematological research and understood the art of research paper writing and review article writing. This programme was useful in making me understand how to read an article critically and how to formulate research question after reviewing the subjects. During this period I also took part in regular Ward rounds for various haematological patients. My subsequent publications will bear testimony to my training during this period.

6. Worked as resident in Cardiology in PD Hinduja hospital , Mumbai , India for 3 months in 2009.(here I observed and helped my teacher in cardiac catheterisation, coronary angiography, taking history and clinically examining patients with cardiovascular disorders, controlling anticoagulation and preparing patients for coronary angioplasty and managing acute coronary syndromes and acute myocardial infection in a tertiary care hospital

7. Worked as resident doctor in the dept. of Biochemistry of Indira Gandhi Govt. Medical College, Nagpur (July 2010 to July 2013): During which worked in the Clinical Laboratory and taught Biochemistry to undergraduate students (MBBS). **Details of my work during this phase of my career is already recorded above.** Working as a “ Casualty Medical officer” from July 2013 (Trauma & Emergency Medicine)/ Resident Medical officer (RMO) in St. George Hospital, Mumbai.(In this job which will finish after 364 days work in August 2014 , I handled all acute medical and surgical emergencies including road traffic accidents during this period and was also directly involved with both forensic and pathological autopsies of 15 cases. As RMO I became immediate senior to casualty medical officer and was also involved in their training for management of various cases and taught them how to triage patients in a busy accident and emergency department. The hospital is situated in the heart of Mumbai and daily flow of patients through accident and Emergency department stands between 100-150.Finally I was given the charge of thalassaemia care centre where I was managing 142 transfusion dependent thalassaemia major patients.

IV. CME, Conference & Workshop attended:

- a. National Conference on Immunology. Aug 2010.
- b. International Conference on “Free radicals, inflammation & antioxidants in diseases.” Jan 2011.
- c. Edu-workshop on “High Melting Technology & Flow Cytometry.” July 2011.
- d. Hands on Workshop on “Enzymology.” Sep 2011.
- e. Hands on workshop on “Polymerase Chain Reaction.” Oct 2011.

- f. Won 2nd prize in poster presentation in National Biochemistry Conference, AMBICON 2011. " Ischemia Modified Albumin: A simple test for a complicated disease." Dec 2011.
- g. Workshop on "Communication & Presentation skills." Jan 2012.
- h. Workshop on Statistical Analysis. Feb 2012.
- i. Won best poster prize on "Role of hs-CRP in Diabetic Nephropathy", in National Biochemistry Conference, AMBICON 2012. Dec 2012.
- j. Attended CME programme on Immunodeficiency , Wadia Children Hospital Mumbai 2015.
- k. Attended hands on training workshop on cytogenetics and molecular cytogenetics at Saifee Hospital Mumbai , India 24 th August 2015.
- l. Attended DHR-Sponsored, hands on Workshop on "Modern Tools in Diagnostic Medicine" 15th May to 10th June 2016 at NIRRH (ICMR)

V. Trained as an Internal Auditor by NABL.

VI. Research & Publications:

1. Lokhande M, Ghosh K, Jadhao A. Study the components of metabolic syndrome in preeclampsia. Int J Adv Med. 2016; 3(3): 748-754
2. Ghosh K & Ghosh K. Management of Haemophilia in Developing Countries: Challenges and Options. Indian J Hematol Blood Transfus. 2016 Sep;32(3):347-55. **I.F::0.25**
3. Ghosh Kinjalka & Ghosh K . Factors Modulating Blood HbA1C Level and Diabetic Retinopathy. Jour Assoc Phys Ind. 2015; 63 : 84-85. **IF :0.53**
4. Ghosh K & Ghosh K. Pulmonary hydatidosis, strongyloidiasis and paragonimiasis in India. Journal of Assoc Phys Ind 2013, 2013 ; 61 :954-55. **I.F :0.53**
5. Ghosh K & Ghosh K. India,s contribution to Folic acid research after Lucy Willis and Subbarow. Nat Med J Ind 2013; june 26 : 185-86. **I.F :0.91.**
6. Ghosh K, Ghosh K. Microarray genetic screening: the other side of the coin. Lancet. 2007 Mar 24;369(9566):992. **I.F:36.427 Citation : 2**
7. Ghosh K, Ghosh K. Evolution of Genetic Resistance/Susceptibility to Malaria Infection Published Online: 2012. DOI: 10.1002/9780470015902.a0022492.

8. Ghosh K, Ghosh K, Shetty S. Hemostasis research in India: past, present, and future. Clin Appl Thromb Hemost. 2012 Mar-Apr;18(2):128-33. **I.F: 1.042**
9. Rewatkar M, Muddeshwar MG, Lokhande M, Ghosh K. Electrolyte imbalance in cataract patients. Indian Medical Gazette. 2012 March 89-91.**Citation :1.**
10. Ghosh K, Ghosh K, Chowdhury JR. Tuberculosis and female reproductive health. J Postgrad Med 2011 Oct-Dec;57(4):307-13. doi: 10.4103/0022-3859.90082. **I.F:1.589 Citation :20**
11. Ghosh K, Ghosh K. Advances in haematological pharmacotherapy in 21st century. Indian J Hematol Blood Transfus. 2010 Jun;26(2):30-40. **I.F:0.25 Citation : 2**
12. Ghosh K. Pulmonary strongyloidiasis: time to wake up. J Assoc Physicians; India. 2010 Oct;58:647. **I.F: 0.53**
13. Ghosh K. Bachelor of rural health care: cutting the root and watering the stem! Natl Med J India. 2010 Jul-Aug;23(4):250. **I.F:0.91 Citation : 1**
14. Ghosh K, Ghosh K. Sequential serologic testing for common viral markers in blood units in India is probably not cost-effective. Transfusion. 2010 Aug;50(8):1854-5. **I.F: 3.526**
15. Ghosh K. Geographical heterogeneity of immigration and career paths of medical graduates in India. Natl Med J India. 2009 Jul-Aug;22(4):218. **I.F:0.91**
16. Ghosh K, Ghosh K. Private practice in India. Natl Med J India. 2008 Nov-Dec;21(6):328-9.**I.F: 0.91**
17. Ghosh K, Ghosh K. Management of chronic synovitis in patients with hemophilia: with special reference to developing countries. Indian J Hematol Blood Transfus. 2008 Dec;24(4):151-4. **I.F::0.25 Cited : 4**
18. Ghosh K, Ghosh K. Hereditary haemorrhagic telangiectasia (HHT): negotiating between the Scylla of bleeding and Charybdis of thrombosis. Thromb Haemost. 2008 Jul;100(1):162-4. **I.F: 6.094. Cited : 6**
19. Ghosh K, Pradhan V, Ghosh K. Background noise of infection for using ANCA as a diagnostic tool for vasculitis in tropical and developing countries. Parasitol Res. 2008 Apr;102(5):1093-5. **I.F:2.852. Cited : 13.**
20. Ghosh K, Shetty S, Ghosh K. Hemophilia: A High Cost Low Volume Disease: Suitable Preventive Strategies for Developing and Developed Countries *The Open Hematology Journal*, 2008, 2, 20-24. **I.F: 0.5 (scopus) Cited: 2.**
21. Ghosh K, Ghosh K. Pathogenesis of anemia in malaria: a concise review. Parasitol Res. 2007 Nov;101(6):1463-9. **I.F:2.852 Cited 61.**

22. Ghosh K, Ghosh K. Strongyloides stercoralis septicaemia following steroid therapy for eosinophilia: report of three cases. Trans R Soc Trop Med Hyg. 2007 Nov;101(11):1163-5.
I.F:2.443 Cited 39.

Dissertation: Done during residency (July 2010 to July 2013) "The role of Ischemia Modified Albumin & hs- CRP in type 2 Diabetes Mellitus".

Chapters in Books:

1. Kinjalka Ghosh & Kanjaksha Ghosh " Molecular targets for acute Myeloid Leukaemia Therapy " in Haematology Today 2008 PP 11-18. XIV national CME in Haematology and Haemato-oncology held at Bombay Hospital Eds MB Agarwal , Mumbai India 2008.

2. Clinical approach to congenital bleeding disorders . Assisted Dr kanjaksha Ghosh in Text Book Of Medicine , Published By association of Physicians of India . 2015.

VI.. Completed USMLE part1 with 91st percentile.

VII. Extracurricular activities: Took active participation and won in Inter-college Football tournaments during MBBS.

VIII. Military Service: NCC (National Cadet Corps- Airforce) :Cadet for 2 yrs (A-Certificate).

IX. Skills learned during the period :

- i. Cardiopulmonary resuscitation including advanced cardiac life support.
- ii. Insertion of long lines.
- iii. Bone Marrow aspiration & biopsy.
- iv. Lumbar Puncture.
- vi. Pleural Tap.
- vii. Pericardial tap.
- viii. Abdominal paracentesis.
- ix. Skin and other simple tissue biopsies.
- x. Writing Autopsy reports.