

Curriculum Vitae

Name: Soniya Abraham

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Educational Qualification

➤ MBBS : Father Muller Medical College,
Mangalore, Karnataka, India

USMLE Step 1 Score: 247

TOEFL score: 101

USMLE Step 2 Score: 262

USMLE Step 2 CS : PASS

USMLE Step 3 : Results awaited

Academic Details

Year	Total Marks	Percentage
First Year (2012-2013)	716/1000	71.6%
Second Year (2014-2015)	974/1400	69.57%
Third Year (2015-2016)	642/900	71.3%
Fourth Year (2016-2017)	1132/1750	64.68%

Work Experience

➤ **NewYork Presbyterian, Weill Cornell Medicine, New York, NY, USA**

Visiting Student, **Bone Marrow Transplant, Hematology-Oncology** 11/19/2018-12/16/2018

Dr Usama Gergis MD, Dr Sebastian Mayer MD

Four weeks of hands-on clinical elective in Bone Marrow Transplant. Attended daily rounds, outpatient clinics, Hemato-oncology conferences, and grand rounds. Performed physicals, presented patient assessments, and reviewed lab reports. Familiarized Allscripts Electronic Medical Record System. Gained a basic understanding of allogenic and autologous stem cell transplantation, conditioning regimens, post-transplant complications, and management. Observed procedures like bone marrow biopsy, bone marrow aspirations, stem cell harvest, and stem cell Infusion. Gained experience in communicating with seriously ill patients and family. Worked on a case report titled "Fusarium infection in a patient with Myelofibrosis receiving Ruxolitinib: A case report and review of literature". Educational topics presented: Hematopoietic Cell Comorbidity Index, Graft versus Host reaction Biomarkers, and Common Chemotherapeutic drugs used in Transplant.

➤ **Hialeah Hospital, Herbert Wertheim College of Medicine, Florida International University, Miami, FL, USA**

Visiting Student, **Internal Medicine** 01/07/2019- 02/01/2019

Dr. Javier Perez MD

Four weeks of hands-on clinical elective in Internal Medicine. Attended daily rounds and outpatient clinics in Hialeah Hospital. Obtained history, performed physical examinations, and interpreted lab reports. Presented cases in daily rounds with possible diagnosis and treatment plan. Familiarized the CERNER Electronic Medical Record System. Presented educational topics: Sickle cell crisis and Heart blocks.

➤ **Swedish Covenant Hospital, Chicago, IL, USA**

Visiting Student, **Internal Medicine** 04/02/2019- 01/03/2019

Dr. Milenko Lazarvic MD

Four weeks of hands-on clinical elective in Internal Medicine. Attended daily rounds and outpatient clinics. Obtained history, performed physical examinations, formulated assessment & treatment plan, and presented it to the attending physician. Administered vaccines and Vit B12 injections.

➤ **Mangalore Institute of Oncology, Karnataka, India**

Research Assistant, 18/03/2019 - 15/06/2019

I worked directly under Dr. Manjeshwar Shrinath Baliga Ph.D., Head of Research, Mangalore Institute of Oncology. My responsibilities included literature search, data collection, compilation, interpretation, and drafting manuscript. I was involved in the following projects:

1. Ethical Dilemmas Expressed by Non-oncology Specialists I Involved in Diagnosis and Care of Cancer Patients. Status: Published in Middle East Journal of Cancer.

2. Incidence of secondary diabetes in women who have undergone curative chemotherapy for breast cancer: First study from India. Status: Submitted to South Asian Journal of Cancer

3. Study of severity of Chemo brain in breast cancer survivors, a case control study.

Status: Presented at National CME on Recent advances in Neuropharmacology, Bench to Bedside, Amrita Institute of Medical Sciences, Kochi, India.

➤ **Cleveland Clinic, Cleveland, Ohio, United States of America**

Clinical Observer, **Medical Intensive Care Unit**, 02/09/2019 - 30/09/2019

Dr. Daniel Culver DO, Dr. Karna Sarin MD, Dr. Sumta Khatri MD

Four weeks of observership in the Medical Intensive Care Unit. Observed patient histories, physical examinations, and procedures such as arterial line placement, bronchoscopy, and thoracentesis. Maintained ICU checklist for patients. Learned about mechanical ventilation.

Attended grand rounds, lectures, and conferences. Educational topics presented: C-Reactive Protein Testing to Guide Antibiotic Prescribing for COPD Exacerbations and Gastrointestinal bleeding in ICU patients.

➤ **Case Western Reserve University, University Hospitals, Cleveland, Ohio, USA**

Clinical Observer, **Oncology**, 02/12/2019- 31/12/2019

Dr. Deborah S Bruno

Four weeks of observership in Seidman Cancer Center. Observed patient histories, physical examinations. Attended and actively participated in daily teaching rounds. Attended Thoracic oncology clinic. Attended tumor board meetings, grand rounds, lectures and conferences. Educational topics presented: Non small cell Lung Carcinoma

Certifications

- The International Certificate on Principles of Bioethics and Human Rights (UNESCO)
- Certificate on Research Methodology (Mangalore Institute of Oncology)
- Basic Life Support (American Heart Association)
- Advanced Cardiovascular Life Support Course (American Heart Association)

Scientific Presentations

- Presented a poster titled - “ Study of severity of Chemo brain in breast cancer survivors, a case control study” at National CME on Recent advances in Neuropharmacology, Bench to Bedside, 17th May 2019, Amrita Institute of Medical Sciences, Kochi. Won Consolation Prize for the Best Poster.

Volunteer Activities

- Organized a street play on creating awareness of eye donation in association with Inner Wheel Club of Mangalore North on 16th May 2015.
- Volunteered various health camps and health talks conducted by Community Medicine department.

Publications

- 1) D'souza JJ, Jayaprakash CS, D'souza P, George T, Abraham S, Suresh S, Baliga MS. Comparative hematological changes in malarial infection by *P. vivax* and *P. falciparum*: Observations from the endemic region of Mangalore, India. *International Journal of Applied Research* 2017; 3(6): 179-183
- 2) S Rao, Krishnaprasad, SK Hegde, R Jimmy, Abraham S, P L Palatty, MS Baliga. Incidence of nausea and vomiting in cancer patients undergoing chemotherapy or radiotherapy: observations from super specialty hospital. *International Journal of Medical Laboratory Research* 2018, 3 (1) : 1-5
- 3) George T, Palatty PL, Abraham S, Thilakchand KR, Rao S, Baliga MS. Study of Prescription Pattern of Analgesics in Terminally Ill Cancer Patients with Solid Tumors in a Tertiary Care Centre: A Retrospective Study. *Indian Journal of Anesthesia and Analgesia*. 2018; 5: 296-301.
- 4) Simon AR, Palatty PL, Abraham S, Thilakchand KR, George T, Rao S, Baliga MS. Comparative evaluation of efficacy of standard analgesics in palliation of cancer pain. *Int J Med Lab Res* 2018, 3(2): 59-64
- 5) Simon AR, Palatty PL, Thilakchand KR, Abraham S, George T, Rao S, Baliga MS. Audit of efficacy and adverse events of analgesics used to mitigating cancer pain: observations from a tertiary care hospital. *Int J Med Lab Res* 2018, 3(3):23-28.
- 6) George T, Jekrabettu RP, Yesudas S, Thaliath Andrew, M Pais, Abraham S, Baliga MS. Clinico-haematological parameters in dengue in adults: a retrospective study from a tertiary care hospital. *International Journal of Applied Research* 2018; 4 (6): 88-91
- 7) George T, Jekrabettu RP, Yesudas S, Thaliath Andrew, M Pais, Abraham S, Baliga MS. Trend analysis of dengue in greater Mangalore region of Karnataka India : Observations from a tertiary care hospital. *International Journal of Applied Research* 2018; 4 (6): 92-96
- 8) Jakrabettu RP, George T, Abraham S, Fazal F, Kinila S, Baliga MS. Clinical and laboratory profile of chronic pulmonary aspergillosis: a retrospective study. *Egyptian Journal of Bronchology*.

- 9) Rao S, Palatty PL, Rao P, George T, Abraham S, Bhat PR, Baliga MS. Ethical dilemmas expressed by non oncology specialists involved in diagnosis and care of cancer patients: a preliminary study. Middle East Journal of Cancer
- 10) Baliga MS, Palaty PL, Punnapurath S, Rao S, Rao P, Abraham S, George T. Impact of Bioethics Education on Attitude and Beliefs regarding Homosexuality: A Pilot Study with Medical Graduates. Global Bioethics Enquiry. 2019; Volume 07.23-28
- 11) Simon P, Pereira DM, Mathai R, George T, Abraham S, D'Souza OL, et al. Quality of life in diabetics with different complications: A cross-sectional study with patients visiting a hospital on an outpatient basis. Hamdan Med J 2019 (Accepted).

Reviews and Text Book Chapters:

- 1) Palatty PL, Bhat PR, Jekrabettu RP, George T, D'souza S, Abraham S, Adnan M, Pais M, Naik T, Gunasheela D, Baliga MS. Probiotics as an adjunct to conventional treatment in vulvovaginitis: Past, present and Future. In: Therapeutic, Probiotic, and Unconventional Foods. Edited by Alexandru Mihai Grumezescu, Alina Maria Holban. Academic Press, London EC2Y 5AS, United Kingdom. 117-133.
- 2) Baliga MS, Rao S, Rao P, Krishnaprasad, Hegde SK, Akbar KCJ, Abraham S, George Tand Palatty PL. Use of Indian indigenous fruits in cancer prevention and treatment. Anticancer plants: Properties and Application. Edited by Mohd Sayeed Akhtar and Mallappa Kumara Swamy; Springer Press, Germany. 2018; pp 57 to 77.
- 3) Achar GSPK, Prabhakar BT, Rao S, George T, Abraham S, Sequeira N and Baliga MS. Scientific validation of the usefulness of *Withania somnifera* Dunal (Ashwagandha) in the prevention and treatment of cancer. Anticancer plants: Properties and Application. Edited by Mohd Sayeed Akhtar and Mallappa Kumara Swamy Springer Press, Germany. 2018; pp 285 to 303.
- 4) Kaushal N, Rao S, Ghanghas P, Abraham S, George T, D'souza S, Mathew JM, Chavali J, Swamy MK, Baliga MS. Usefulness of *Ocimum sanctum* Linn. (Holy Basil or Tulsi) in Cancer Prevention: An Update. Anticancer plants: Properties and Application. Edited by Mohd Sayeed Akhtar and Mallappa Kumara Swamy. Springer Press, Germany. 2018; pp 415 to 431.

- 5) Mathai N, Sujayendra DM, Adnan M, Naik TS, George T, Abraham S, Baliga MS. Green tea polyphenols in the amelioration of osteoarthritis: memoir on the preclinical observations. In: Ronald Watson and Victor Preedy (Editors), Polyphenols in chronic diseases and mechanisms of action of polyphenols (2nd Edition). Academic Press. San Diego, USA.
- 6) Shivashankara AR, Rao S, George T, Abraham S, Colin MD, Palatty PL, Baliga MS. Tea (*Camellia sinensis* L. Kuntze) as hepatoprotective agent: a revisit. In: Ronald Watson and Victor Preedy (Editors), Dietary Interventions in Liver Disease (2nd Edition). Academic Press. San Diego, USA

Conferences and CME

- ELIXIR 2015 – International Undergraduate Medical Conference Mangalore 5th – 7th March 2015, KS Hegde Medical College.
- ASM MICROBE 2018, 7th – 11th June 2018. Society for Microbiology, Atlanta.
- CME on Preventive Geriatrics - Opportunities and Challenges, 6th June 2015, Father Muller Medical College.
- CME on Respiratory Medicine, 25th January 2018, Father Muller Medical College.
- CME on Current Trends in orthopedics, 11th November 2017 Father Muller Medical College.

Professional memberships

- Mangalore Institute of Oncology
Steering Committee member of UNESCO Chair in Bioethics

Workshops Attended

- 5th Annual UG Research Training Workshop, 25th January 2014, Father Muller Medical College, Mangalore
- Basic ECG Learning Course, 26th July 2015, Kasturba Medical College, Manipal

- Cutting Edge Surgical Skills Workshop, 7-9TH August 2015, Kasturba Medical College, Manipal
- Workshop on Trauma Management and Critical Care, 4th March 2018, Father Muller Medical college, Mangalore
- Sensitization Training on RNTCP Technical & Operational Guidelines 2016, 19th February 2018, Father Muller Medical college, Mangalore
- Clinical Microbiology Board Review Course, 7th June 2018, ASM MICROBE 2018 Atlanta, GA

Extra- Curricular activities

- Participated and won many Intra- college and Intercollege Quiz Competitions.
- Represented batch in various badminton and football tournaments.
- Participated and won Fashion Show Event

References

Dr. MS Baliga,
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Dr. PL Palatty
Head of Pharmacology
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