

Dr Sitalakshmi Subramanian

Associate Medical Superintendent – Lab Services

Professor, Department of Transfusion Medicine and Immunohematology

Co-Convenor, National Medical Commission, Nodal Centre for Faculty Development

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I am a Hematopathologist and Transfusion Medicine specialist with 34 years of experience in Clinical Laboratory management. I am passionate about Quality and have had the opportunity to take my laboratory to greater heights blending the technological advancements in the diagnostic arena adhering to the principles of Quality management system at all levels.

My areas of expertise are:

- Hematopathology
- Diagnosis Bleeding and thrombotic disorders
- Bone marrow interpretation
- Flowcytometry
- Immunohematology
- Transfusion Medicine

I am also a Medical Educationist with expertise in teaching and research

EDUCATION

- MBBS from Bangalore Medical College, Bangalore
- Postgraduation from St John's Medical College, Bangalore
- PhD from Rajiv Gandhi University of Health Sciences – Coagulopathy in Malignant solid tumours
- FAIMER Fellowship in Medical Education

Qualification: MBBS, DCP, DNB (Pathology), PhD (Pathology), FAIMER Fellow

TEACHING AND ACADEMIC SERVICE:

- **Teaching faculty at St John's Medical College Hospital since 1992. The various teaching faculty positions held are as follows:**
 - Associate Medical Superintendent – Laboratory Services, SJMCH 2021 till date
 - Head, Laboratory Services, SJMCH 2019 to 2021.
 - Professor and Head, Department of Transfusion Medicine and Immunohematology 2013-2021
 - Professor and Head, Department of Clinical Pathology (Hematology and Blood Bank) 2011 – 2013
 - Professor, Dept of Clinical Pathology (Hematology & Blood Bank) 15 Sept 2006 – 14 Aug 2011
 - Associate Professor, Dept of Clinical Pathology (Hematology & Blood Bank) 1 July 02 to 14 Sept 06
 - Asst Professor, Dept of Clinical Pathology (Hematology & Blood Bank) 1 June 97 to 30 June 2002

- Lecturer, Department of Clinical Pathology (Hematology & Blood Bank) 20 March 92 to 31 May 97
- Tutor, Department of Clinical Pathology (Hematology & Blood Bank) 20 Feb 1992 to 19 March 1992

Other positions held at St John's Medical College:

- Co- Convenor, NMC Nodal Centre for Medical Education: 2013 till date
- **Instituted an MD course in Transfusion Medicine** under the Rajiv Gandhi University of Health Sciences, National Medical Commission, INDIA. The first batch started in the year 2016
- **Convenor for the Curriculum Committee for MD Transfusion Medicine at NMC**
- **Co- Convener and Faculty for Faculty development program under the MCI and National Medical Commission, INDIA**
- Taught undergraduate and postgraduate medical (Transfusion Medicine, Pathology and Haematology and paramedical courses for 34 years.
- Undergraduate and postgraduate examiner for the subject of Transfusion Medicine
- Advisor/ Guide for post graduate dissertations
- Examiner for National Board of Examinations in the subject of P a t h o l o g y / Transfusion Medicine
- Examiner at the University of Nairobi for MD Haematology and Transfusion Medicine
- Reviewer of Journals in Haematology and Transfusion Medicine

DIAGNOSTIC EXPERIENCE:

- Cumulative experience of 34 years in the field of **Hematopathology**, Transfusion Medicine and Clinical Pathology and at St. John's Medical College Hospital, Bangalore, India.
- Laboratory services were accredited by NABL (National Accreditation Board of Laboratories) for the last 15 years. (2008-2023)
- Was actively involved in establishing the blood component unit and apheresis at the Blood bank, St. John's Medical College Hospital, Bangalore, India.
- Set up a fully established coagulation referral laboratory for bleeding and thrombotic disorders and flow cytometry services.
- Set up the **molecular diagnostics** for hematological disorders and **HLA lab**.

RESEARCH EXPERIENCE:

- Conducted research on blood group serology and autoimmune hemolytic anemias, transfusion transmissible infections, blood component therapy and apheresis.
- Conducted research on blood coagulation, hemophilia, Myelodysplastic syndromes, Lymphoproliferative disorders, HIV infection and malaria.
- Published 70 papers in the fields of Hematology, Blood coagulation and Transfusion Medicine in national and international peer reviewed journals
- Principal Investigator for a research project on tumor-stroma cross talk in chronic myeloid leukemia; molecular mechanisms, drug resistance and translation (funded by the Rajiv Gandhi University of Health Sciences)
- Wrote a **PhD dissertation on coagulopathy in malignant solid tumors**

OTHER PROFESSIONAL COMMITMENTS:

- **Member of the WHO Advisory Committee of Blood Regulation and Safety (2021 onwards)**
- **Member of the Laboratory Scientific Committee of Indian Association of Hemophilia and Allied Disorders**
- **Member of the Organising Committee of Asia Pacific Association of Hemophilia and Allied disorders for the workshop on Lab diagnosis – Sept 2024**

- **Lead and Technical Assessor** for National Accreditation Board of Laboratories (NABL), India
- **Technical Assessor** for Blood Banks - National Accreditation Board of Hospital (NABH), India
- **Organized** several national conferences, continuing medical education (CMEs) events and workshops and delivered guest lectures at state and national level conferences in Hematology and Transfusion Medicine
- **Faculty at the WHO Hemovigilance and Quality control in TTI testing - Online training programme for South-East Asian Countries**
- **Organized workshops on Hemovigilance program of India and Quality control**
- **Moderator for Panel discussions on Patient Blood Management** in several Clinical Conferences—Obstetricians, Anesthesiologists and Surgeons
- **Conducted Quiz programs for postgraduates**
- **Scientific Chairperson, TRANSCON 2021**
- **Treasurer, Hematocon 2015**, Annual National Conference held at Bangalore by the Indian Society of Hematology and Blood Transfusion
- **Organizing Chairperson, Transmedcon 2013** Annual National Conference held at Bangalore by the Indian Society of Transfusion Medicine.
- **Scientific Committee member, Annual Conference of Indian Society of Transfusion medicine Sept 2024 and Indian Society of Hematology and Blood transfusion Nov 2024**
- Reviewer for Scientific Journals

AWARDS:

- **Reach the World Travel award from International Society of Thrombosis and Hemostasis June 2024**
- **B C Sanghal Oration award** by the Indian Society of Transfusion Medicine in the year 2022
- **ASH Visitor Training Program Fellowship Award** by the **American Society of Hematology** in the year 2019 (focus on Flowcytometry and Molecular testing and HLA lab)
- **Lifetime Achievement Award** by the Indian Society of Blood transfusion and Immunohematology in the year 2019
- **Award of Excellence** from the Indian Society of Blood transfusion and Immunohematology in 2018.
- **Dr M R Parthasarathy and Dr A V Ramaprasad Silver Plaque Oration Award** from Jawaharlal Nehru Medical College, Belgaum at the 35th Annual National CME In Pathology in June 2017.
- **“Linnaeus Palme Award”** from the Umea University, Umea, Sweden and was an invited faculty at the Umea University in the year 2012
- **H J Nagalothimath Excellence in Teaching Award** from Jawaharlal Nehru Medical College, Belgaum in the year 2012
- **Received awards for Best Oral and Poster presentations at Conferences**

