

Dr Sushant Vinarkar

PROFESSIONAL EXPERIENCE

Current Experience:

Consultant Haematopathology & Molecular Pathology,
Tata Medical Center, Kolkata

Duration : 04/01/2021 till date

Responsibilities:

- Involved in daily analysis, interpretation and reporting of Molecular Pathology tests.
- Involved in daily analysis, interpretation and reporting of Flowcytometry samples(including diagnostic Acute Leukemia panels, CLPD panels and MRD studies)
- Involved in reporting of bone marrow aspiration smears and second opinion of peripheral blood smears and bone marrow biopsy.
- Involved in answering daily queries of patients and medical professionals regarding report interpretations, clinical correlations and ordering of specific tests.

Previous Experience:

- Junior Resident(MD Pathology) :3 years (TMH, Mumbai)
- Senior Resident(Oncopathology) : 1 year (TMH, Mumbai)
- Clinical Assistant & Fellow(Haematopathology): 1 year (PD Hinduja Hospital, Mumbai)
- Fellow(Molecular Pathology) : 2 years (TMC, Kolkata)
- Consultant Pathologist (SyMec Project by DBT) : 10 months (TMC, Kolkata)
- Head, Department of Molecular Pathology & Consultant Haematopathology : 28 months (Global Reference Lab, Metropolis Healthcare Ltd., Mumbai)

EDUCATIONAL BACKGROUND

- MBBS, Grant Medical College, Mumbai
- MD Pathology, Tata Memorial Centre, Mumbai
- PDCC Haematopathology, P.D. Hinduja Hospital, Mumbai
- PDF Molecular Pathology, Tata Medical Center, Kolkata

Academic Degrees & Experience

Degree Obtained	Year	Attempt	% Marks	Institute/University	Department / Specialty
HSC	2002	First	88%	Birla College ,Kalyan/ Maharashtra State Board Higher Secondary Education	-
MBBS	2007	First	First class all years	GRANT MEDICAL COLLEGE,J J Hospital MUMBAI / Maharashtra University of Health Science, Nashik	General
M.D. PATHOLOGY	June,2013	First	67%	TATA MEMORIAL CENTRE, MUMBAI / Homi Bhabha University Of Health Science	PATHOLOGY
Post Doctoral Certificate Course	Aug2014 To July2015	First	-	P.D.Hinduja National Hospital,Mumbai	Haemato- Pathology
Post-Doctoral Fellowship	Aug2015 To Aug 2017	First	-	Tata Medical Centre, Kolkata	Molecular Genetics

Internship completed on 10th February,2008.

Maharashtra Medical Council registration number - Reg.No. 2008041347 Date: 15-04-2008

TRAININGS UNDERTAKEN

- **Histopathology** including routine as well as Onco-histopathology and **Immunohistochemistry**
- **Hematology** including routine as well as special tests like **Cytochemistry and Flowcytometry**
- **Various Molecular Genetics technique standardization for Haematological malignancy and Solid Tumour molecular tests.**
- **Standardization, Validation and Reporting of Molecular Pathology tests for various Haematological and Solid Tumour mutation analysis tests.**

- Standardization, Validation and Reporting of NGS solid tumour gene panel mutation analysis on IONTORRENT platform.
- Standardization, validation and Reporting of NGS BRCA1/2 gene panel mutation analysis on QIAGEN GENEREADER platform.
- Thesis topic:- BCL-10 expression in gastric MALT lymphoma and its clinic-pathologic correlation.

SEMINARS/ CONFERENCES ATTENDED/ PUBLICATIONS/MEMBERSHIPS

Achievements:

- 1) Awarded the Association Of Molecular Pathology(AMP) International Trainee Award, 2017 at the AMP ANNUAL MEETING 2017, SALT LAKE CITY, UTAH, USA.
- 2) Best Paper Award at AMP GLOBAL CONFERENCE MARCH 2017, BERLIN, GERMANY for paper " FISH Negative RT-PCR positive Acute Promyelocytic Leukemia: A case series".
- 3) BEST PAPER for 2019 in IJHBT- *MYD88* and *CXCR4* mutation profiling in Lymphoplasmacytic lymphoma / Waldenstrom's macroglobulinaemia: Implications for a diagnostic molecular laboratory in the INDIAN JOURNAL OF HAEMATOLOGY AND BLOOD TRANSFUSION, HAEMATOCON 2019, New Delhi

Publications:-

- 1) Bharat Rekhi, **Sushant Vinarkar**, Surappa Thumkur Shylasree. Bilateral ovarian serous cystadenofibromas coexisting with an incidental unilateral Brenner tumor and Walthard cell rests in bilateral fallopian tubes: An unusual case with diagnostic implications and histogenesis. INDIAN JOURNAL OF PATHOLOGY AND MICROBIOLOGY - 57(2), APRIL -JUNE 2014
- 2) **Sushant Vinarkar**, Neeraj Arora, Sourav Sarma Chowdhury, Kallol Saha, Biswajoy Pal, Mayur Parihar, Vivek S. Radhakrishnan, Anupam Chakrapani, Shilpa Bhartia, Saurabh Bhawe, Mammen Chandy, Reena Nair, Deepak Kumar Mishra. MYD88 and CXCR4 Mutation Profiling in Lymphoplasmacytic Lymphoma/Waldenstrom's Macroglobulinaemia. July 2018 Indian Journal of Hematology and Blood Transfusion.

- 3) Anuj Verma, Shubhada Kane, **Sushant Vinarkar**, Anil K D'Cruz. Small cell medullary thyroid carcinoma: A diagnostic dilemma. J Pathol Microbiol 2017;60:562-4.
- 4) Sehgal KUNAL, **Vinarkar SUSHANT**, Dashora ABHISHEK, Mansukhani PREETI and Khodaiji. SHANAZ. Normal Ranges of Advanced Clinical Parameters on XN-2000 and Transference of Reference Ranges from XE-2100 to XN-2000. Sysmex Journal International Vol.27 No.1 (2017).
- 5) Anirban Das, Lateef Zameer, **Sushant Vinarkar**, Manish Singh, Mayur Parihar, Neeraj Arora, Aditi Chandra, Rimpa Basu Achari. *TP53* Mutation, *MYCN* Amplification, and Large Cell/Anaplastic Histology in Medulloblastoma. The Indian Journal of Pediatrics, August 2018, Volume 85, Issue 8, pp 684–685.
- 6) Pratiksha Chheda, Tavisha Dama, Dollar Goradia, Shailesh Pande, **Sushant Vinarkar**. A novel CFTR gene variant – p.Tyr517* associated with cystic fibrosis: a case report. Fetal and Pediatric Pathology, DOI: 10.1080/15513815.2018.1532473.
- 7) In PRINT, FEB 2019; Current Problems in Cancer; Manuscript No. YMCN-D-20-00009R1. Next generation Sequencing in Lung Cancer: An Initial Experience from India.

CME, WORKSHOPS & CONFERENCES ATTENDED:

- 1) BEST PAPER- **MYD88 and CXCR4 mutation profiling in Lymphoplasmacytic lymphoma / Waldenstrom's macroglobulinaemia: Implications for a diagnostic molecular laboratory** in the INDIAN JOURNAL OF HAEMATOLOGY AND BLOOD TRANSFUSION, HAEMATOCON 2019, New Delhi
- 2) Best Paper Award Category at AMP GLOBAL CONFERENCE MARCH 2017, BERLIN, GERMANY for paper " FISH Negative RT-PCR positive Acute Promyelocytic Leukemia: A case series".
- 3) Best Award Category in Oral Presentation At Haematocon 2016, Jaipur - **MYD88 and CXCR4 mutation profiling in Lymphoplasmacytic lymphoma / Waldenstrom's macroglobulinaemia: Implications for a diagnostic molecular laboratory**
- 4) Poster Presentation at Molecular Pathology Association of India(MPAI) – DEC, 2016 on MYD 88 L265P mutation: Role in diagnosis and pathogenesis of Waldenström macroglobulinemia/ lymphoplasmacytic lymphomas at PGI, Chandigarh.
- 5) Oral Presentation at APCON – 2016 on A single centre experience with EGFR and EML4-Alk testing for Non-small cell lung cancer(NSCLC) patients at Kochi.
- 6) Paper Presentation on NORMAL RANGES OF ADVANCED CLINICAL PARAMETERS(ACP) ON XN-2000 AND TRANSFERENCE OF RANGES FROM XE-2100 TO XN-2000 at Mumabai Haematology Group Meeting,2015

- 7) Paper presentation on BCL-10 expression in gastric MALT lymphoma and its clinic-pathologic co-relation, HAEMATOCAN, 2014, MUMBAI
- 8) ORAL PAPER PRESENTATION IN APCON 2012 ON ' APPENDICULAR MUCINOUS NEOPLASMS AND GOBLET CELL CARCINOID'
- 9) 17th National CME in Haematology held at Bombay Hospital, Mumbai from January, 2011.
- 10) Basic Haematopathology Course , Hematopathology laboratory, Department of Pathology, Tata Memorial Hospital, Mumbai on June , 2011.
- 11) "An approach to Immunohistochemical evaluation of common tumours" organized by Department of Pathology, Tata Memorial Hospital, Mumbai held on July, 2011
- 12) "Principles and Techniques in Grossing of Oncology Surgical Specimens", organized by Department of Pathology, Tata Memorial Hospital, Mumbai held on September, 2011

Memberships / Associations

- ***Association of Molecular Pathology (AMP International)***
- ***European Haematology Association (EHA)***
- ***iCMLf (International foundation for CML)***
- ***Indian Association of Pathology & Microbiology (IAPM)***
- ***Molecular Pathology Association of India (MPAI)***