

## Dr Jyoti Kode



Professional degree: MSc PhD

Current affiliation: SO F, Kode Lab; OIC, ACDSF, ACTREC

Email: [jkode@actrec.gov.in](mailto:jkode@actrec.gov.in)

Understanding immune mechanisms in leukemia and lymphoma patients.

Studying stem cell niche in acute myeloid leukemia

Identifying prognostic immune biomarkers in stem cell transplant patients

Study of immunomodulatory properties of potential anti-cancer compounds

Your key involvement areas in healthcare or basic research on **COVID**

**Conducted study understanding role of phytochemicals in predictive blocking of viral entry or regulating damage pathway in inflammatory conditions such as covid. Also studied toxicity predictions of phytochemicals in comparison with standard anti-COVID drugs**


## Dr Amit Dutt



Ph.D

ACTREC-Tata Memorial Centre

[adutt@actrec.gov.in](mailto:adutt@actrec.gov.in)

 @dutt\_lab

Your key involvement areas in healthcare or basic research

- Subtype-specific lung cancer treatment by targeting FGFR family genes
- Affordable pricing for *EGFR* and *KRAS* diagnostics in clinics
- Altered adjuvant osimertinib dosing to treat lung tumor recurrence
- Adoption of colorectal clinical algorithm to treat gallbladder cancer
- Novel opportunities for diagnostics and treatment in head and neck cancer
- Mechanistic of Progesterone suppression in breast cancer cells
- Development of "TMC-SNPdb"-- the first open-source Indian SNP database, a computational tool "HPVDetector" and Infectious Pathogen Detector (IPD)

Your key involvement areas in healthcare or basic research on **COVID**

- ACTREC-SARS-CoV-2 kit: a rapid, easy to implement real-time PCR based diagnostic assay at the cost of under \$3 per reaction and turnaround time of less than 2h.
- Raman Spectroscopy Based Detection of RNA Viruses in saliva with a prediction accuracy of 91.6% (92.5 % sensitivity and 88.8 % specificity).
- Infectious Pathogen Detector (IPD): an automated computational tool that can analyse diverse coronavirus genetic sequences and identify the emergence of newer, fitter one.

## Dr Preeti Chavan



Professional degree: MBBS, DCP

Current affiliation: OIC, Composite Lab, ACTREC

Email: pchavan@actrec.gov.in

Your key involvement areas in healthcare or basic research

Diagnostic Laboratories: Hematology, Clinical Biochemistry; Blood Bank, Quality Assurance

Your key involvement areas in healthcare or basic research on **COVID**  
**Staff management, Risk management , Covid Patient laboratory assessment to help in clinical management, Prognosis, Prevention aspects, laboratory biosafety, hospital infection control**

## Dr. Narayanam Srikanth



### Professional degree: BAMS

University of Health Sciences, Andhra Pradesh (Gold Medallist in Ophth), M.D, Bangalore University; Ph.D, Tilak Maharashtra Vidya Peeth, Pune;

Post Doctorial Fellow(Immunology and Molecular Biology),Centre for International Research in Immunology & Disease, School of Medicine, University of California Los Angeles: (UCLA), USA; Fellow- AIRTP-Advanced International Research and Training Program-University of California, Los Angeles, USA.

Presently working as Deputy Director General and Director General (Additional Charge), Central Council for Research in Ayurvedic Sciences (CCRAS), Ministry of AYUSH, Government of India, New Delhi, India engaged in formulating, coordinating, implementing and monitoring various research program including, clinical research, drug development, literary research, pharmacology research, phyto-chemical research, medicinal plant research, research oriented public health care program such as THCRP, NPCDCS program etc.

He has 23 years of research and teaching experience holding the positions viz. Senior Lecturer and In-charge Principal at Indian Institute of Ayurvedic Medicine and Research (IIAMR) and Sri Krishna Rajendra Ayurvedic Hospital, Bangalore and Assistant Professor at Sri Kala Bhiraveshwara Ayurvedic Medical Collage and Hospital (SKAMC&H), Bangalore, India. Published **332** research papers in reputed International and National Scientific Journals, Conference Proceedings etc., and authored and edited **119** Books, Monographs and technical reports and also contributed for development of about **14** Policy documents and Guidelines including the national ethical guidelines for biomedical research in human participants published by ICMR and posses 3 patents to his credit.

Eight awards: Kesari Maharashtra Trust and NIMI award for excellence in Ayurvedic Shalakya practices by Association Ayurvedic profession of North America etc. Involved in various projects as investigator and coordinator of several national and international research projects and coordinator for National programs, engaged in formulation, planning, coordination, execution monitoring of Research activities including Collaborative Research, International collaboration, Projects supported by WHO etc. (about **300** research projects), Golden Triangle Projects (GTP) a collaborative effort of Ministry of AYUSH, CSIR, BIS and ICMR for Scientific Validation of Ayurveda interventions. **He is also heads Project Unit Monitoring (PMU) on COVID-19 research projects set up by Ministry of AYUSH.** He is instrumental in conceiving and implementing major integrative research program in RCH in reproductive and child care program, Osteoarthritis in collaboration with ICMR, WHO and foreign university, CHARITE University. He is Involved in major International project such as TKDL in collaboration with CSIR and WIPO, Geneva. He has actively participated in developing standard treatment guideline for select diseases conditions which are very useful for clinical practitioners. He presented **372** Research papers in National and International Seminars, conferences and delivered guest lecturers, expert in workshops

## Mr. Nikhil Gadewal



Professional degree: M.Sc., Adv. Diploma Bioinformatics (ADB)

Current affiliation: Scientific Officer 'E'

Email: [ngadewal@actrec.gov.in](mailto:ngadewal@actrec.gov.in)

Your key involvement areas in healthcare or basic research:

Molecular modeling, docking and dynamics

Genome data analysis from NGS and microarray data

Biological database development

Your key involvement areas in healthcare or basic research on **COVID**

**Staff management**

**Risk management**

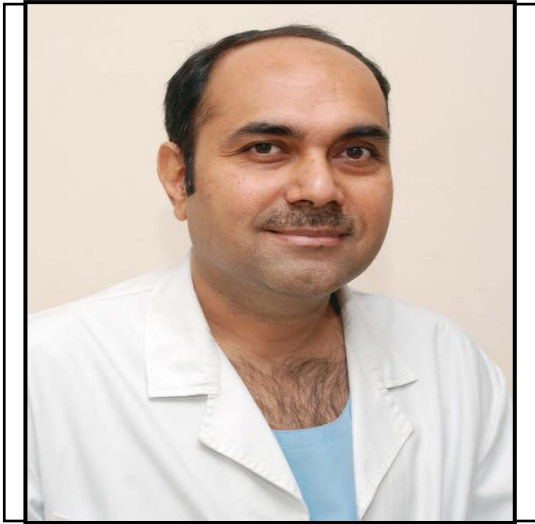
**Covid Patient Treatment**

**Prevention aspects**

**Clinical management**

**etc**

## Dr Pankaj Chaturvedi



### Professional degree:

Deputy Director, Center for Cancer Epidemiology, Tata Memorial Center  
Professor and Surgeon, Department of Head Neck Surgery, Tata Memorial Center  
Secretary General, International Federation of Head and Neck Oncologic Societies

**[chaturvedi.pankaj@gmail.com](mailto:chaturvedi.pankaj@gmail.com)**

Head Neck Cancer Surgeon and Deputy Director at Tata Memorial Centre, Mumbai. He is the editor of the Textbook of Head and Neck Surgery. He is the Associate Editor of the International Journal of Head and Neck surgery. He has authored more than 200 papers in international peer reviewed journals. He is the Principal investigator of several pivotal randomized clinical trials.

His main area of interest is prevention and early detection of oral cancer.

He is the recipient of the prestigious NIH R01 grant for research on tobacco carcinogenesis.

Secretary General, International Federation of Head Neck Oncologists; Global Coordinator, World Head Neck Cancer Day; Councilor, International Academy of Oral Oncology; Chairman, Oral Cancer Foundation, Indian Dental Association; Founder, Head Neck cooperative oncology group; Founder, Indian Society of Thyroid Surgeons; Founder, Oral Cancer Task Force; Member, International Advisory Board, American Head Neck Societies, Secretary, Action Council Against Tobacco – India. He has received several awards - Excellence in Cancer Care Award, 2017; Nana Palkar Smruti Award for Excellence in Patient Care, 2017; Health Award for Excellence in Oncology, 2016; Iconic Leadership Award, World CSR Day, 2016; Sushruta Award, 2015; BMJ Award for Health Advocacy, 2014; Judy Wilkenfield Award, Campaign for Tobacco Free Kids, 2013; Global Cancer Ambassador, American Cancer Society, 2011; WHO Director General Award for leadership in tobacco control, 2010; Maxwell Robert Byers Award, American Head and Neck society, 2010; Outstanding young Indian Award, 2008.

Dr Chaturvedi is the founder of Maharashtra Cancer Warriors that is offering voluntary oncology services in 24 district hospitals of Maharashtra. He is the coordinator of the oncology services on Lifeline express, world's first cancer hospital on train. He conceptualized, established and launched India's first Online Oncology Tutorial that is already being employed by several state governments in India. Dr Chaturvedi has tremendous interest in Public Health issues especially related to Tobacco, areca nut and alcohol control. He was invited as a speaker in United Nation's Summit on Non Communicable Diseases, 2011 in New York.

# Dr. Vikram Gota



MBBS, MD, PGDCT

ACTREC, Tata Memorial Centre

vikramgota@gmail.com

- Clinical pharmacology in oncology
- Phase I clinical trials
- Preclinical drug development

- Clinical investigator for phase 2 and 3 randomized controlled clinical trials to investigate the efficacy of drugs for mild and moderate-severe COVID 19 disease
- I am also the PI of an observational study investigating the antibody kinetics following Covishield vaccination

## Dr B. Chandra Sekhara Rao



Professional degree: M.D. (Ayu) (Kayachikitsa) BHU,Varanasi.

Associate Director, Central Council for Ayurvedic Sciences(CCRAS), Janakpuri, New Delhi

**bhohgavalli8@gmail.com /bhogavalli49@gmail.com**

Currently, he is working as Assistant Director as well as head Division of Clinical Protocol Developmental Cell, Central Council for Research in Ayurvedic Sciences, Ministry of AYUSH, GOI.

**He is also a member of Project monitoring Unit for Covid-19 related projects constituted by the Ministry of AYUSH, GOI.**

He has worked under WHO at Khatmandu, Nepal from 1992 to 1995 as a faculty of Institute of Medicine, Naradevi. He is member of Project evaluation committee of CCRAS. He is also In-charge of IEC (Information, Education and Communication) of CCRAS and Programme officer of the six peripheral institutes of the CCRAS.

He has successfully completed **11** clinical research projects and monitoring the development of Protocols and execution of the Clinical trials under different heads like Intramural Research Programme, Collaborative Research activities with reputed Institutes in India and abroad. He is interested in interdisciplinary and collaborative research and networking, developing new methodologies of clinical research suitable for research in Ayurveda.

Dr. Rao has published **54** Research papers & reviewed the Post Graduate Thesis of Ayurveda of Rajiv Gandhi University of Health Sciences, Bengaluru, Karnataka, India. He is a member of Editorial Board & reviewer of some Index Journals.



## Dr Anant Gokarn



Professional degree: M.D.;D.M.

Associate Professor, Department of Medical  
Oncology, Tata Memorial Centre, Parel

Email

Hematolymphoid Malignancies,  
Bone marrow transplant.

Key involvement areas in healthcare on **COVID** :

**Management of hospital staff and Cancer patients with COVID.**

## Dr Rajesh Shah, Mumbai



MD Homeopathy

Director, Biosimilia Pvt Ltd. Trustee, Life Force Foundation Trust

Email: sanjivak@gmail.com

Dr Rajesh Shah is a practitioner, researcher, teacher, author cum promoter of homeopathy.

He is founder of Life Force Homeopathy and BioSimilia. He has treated patients from 182 countries which is a world record.

He has done pioneering work In New Drug Discovery. His special interest is Nosode research.

He has scientifically developed 12 new Nosodes including HIV, Hepatitis C, Cancer, P. falciparum, E Coli, Salmonella, etc.

1. He is the first in the world to develop COVID-19 Nosode scientifically at Haffkine Institute (Mumbai), and proved its efficacy.
2. COVID19 nosode has shown efficacy in Phase-1 and quarantine individual study (conducted at BMC facility)

## Dr Manisha Madkaikar

Professional degree: M.D. Gen Medicine

Current affiliation: Director,  
ICMR-National Institute of Immunohaematology,  
Mumbai

Email: madkaikarmanisha@gmail.com

- Areas of interest: Primary Immunodeficiency Diseases, Inherited marrow failure syndromes and haematopoietic stem cells
- Centre of Excellence for Primary Immunodeficiency Diseases

### Key involvement areas in healthcare or basic research on **COVID**

- Conducted serosurveys in Mumbai for ICMR 'National sero-surveillance to monitor the trend of SARS-CoV-2 infection transmission in India'
- Developed rapid POC anti COVID19 IgG and IgM detection test which has been now transferred for commercialization
- Her center is part of ICMR multicentric studies including PLACID trial and Immunoprofiling Consortium- Integration of Extended Immune Monitoring (ExImM)



## Dr Prashant Tembhare

Professional degree: M.D.

Current affiliation: Clinician Scientist and Professor in Hematopathology Laboratory, ACTREC, Tata Memorial Center.

Email: docprt@gmail.com



After MD and Hematopathology fellowship, he completed a 3-year fellowship in clinical and research flow cytometry at the National Cancer Institute, NIH, Bethesda, USA.

He has a special interest in the clinical application of advanced multicolor (10-16 color) flow cytometric assays for the diagnosis, prognostication, and monitoring of hematological malignancies.

Key involvement areas in healthcare or basic research on **COVID**

He has developed highly-sensitive, next-generation flow cytometric minimal residual disease (MRD) assays in hematolymphoid neoplasms, particularly B-cell/T-cell Acute lymphoblastic leukemia, AML, Hairy cell leukemia, T-NHL, and multiple myeloma. He has established a novel cell cycle analysis and DNA-ploidy assay. Recently, he has also developed an assay for determining the levels of CAR-T cells and post-CD19 targeted therapy MRD assessment. He has standardized a flow cytometric assay for the diagnosis of pediatric round cell tumors and developed a high-sensitivity circulating tumor cell (CTC) assay for neuroblastoma.

He has established a comprehensive immune reconstitution assay for the recipient of hematopoietic stem cell transplantation.

**Recently, he has standardized a 16-color deep immune cell profile assay for COVID-19 patients and identified clinically most relevant immune cells that can predict the severe COVID-19 disease.**

He has 72 publications, including 56 research articles, 11 case series, 3 reviews and 2 book chapters. He has 834 citations, and his H-index is 14.

# Dr Alka Vishwas Nerurkar



Professional degree MSc, PhD Biochemistry

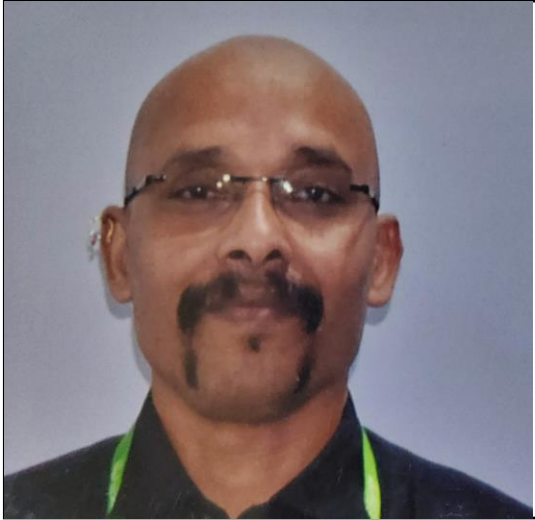
T. N. Medical College, B.Y.L. Nair Hospital

Email [alkanerurkar@yahoo.com](mailto:alkanerurkar@yahoo.com)

Presently working as professor and Head Department of Biochemistry. Teaching many faculties like 1<sup>st</sup> MBBS, 1<sup>st</sup> BDS, Occupational therapy, Physiotherapy, BPMT, Post graduate diploma in medical lab technology(DMLT), Nursing, MSc Biochemistry etc  
PhD guide (Biochemistry ) for Mumbai University and MUHS

Your key involvement areas in healthcare or basic research on **COVID**  
**Staff management Clinical Biochemistry lab which caters services to entire hospital for 24 hours is under my department, Almost 35 staff working under me**  
**Risk management: Managing all routine and specialized tests for covid-19 patients admitted in Nair Hospital. Doing comparative studies in various parameters.**  
**Research area- Cancer genomics and proteomics**

# Dr. Shripad Taklikar



MBBS, MD(Gold Medal), DHHM, DHA,

Associate Professor,

Consultant Infection Prevention and Control (Trained at  
Harvard School, USA)

- 16 years of experience
- Teaching medical graduates, post graduate and para medical students.
- Consultant in Clinical Microbiology
- More than 20 national & international publications.

Involvement areas in healthcare or basic research on **COVID**

- **Staff management for laboratory**
- **Laboratory Management**
- **Community Screening and Contact tracing during first wave of COVID**