



**icmr**  
INDIAN COUNCIL OF  
MEDICAL RESEARCH

**NIIH**  
NATIONAL INSTITUTE OF  
IMMUNOHAEMATOLOGY

# INTERNATIONAL CONFERENCE ON SICKLE CELL DISEASE: ADVANCES IN MANAGEMENT AND PREVENTION

**4th to 6th October, 2024**

**Dear Delegates,**

It is with immense pleasure and honour that I extend a warm welcome to each one of you to the upcoming 1st International Conference on "Sickle Cell Disease: Advances in the Management and Prevention" at ICMR-NIIH, CRMCH, Chandrapur, Maharashtra to be held from October 4th to 6th 2024. We are honoured to be hosting this exciting event, which brings together leading experts, researchers and practitioners from around the world to discuss the latest advances in the diagnosis, management and prevention of sickle cell disease. We are confident that this conference will not only provide a valuable learning experience but also a platform for networking and building relationships with your peers and colleagues. We encourage you to take advantage of this opportunity to connect, share your ideas and learn from each other.



**CHIEF PATRON  
DR. RAJIV BAHL**



**ORGANISING CHAIRPERSON  
DR. MANISHA MADKAIKAR**



**ORGANISING SECRETARY  
DR. PRABHAKAR KEDAR**



**TREASURER  
DR. BABU RAO VUNDINTI**



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## ABOUT ICMR-NIIH, MUMBAI

The ICMR-National Institute of Immunohaematology (ICMR-NIIH) is a premier research institute in Mumbai, India, focusing on Haematology, Immunology and Immunohaematology. Established in 1957 as the Blood Group Reference Centre, it was recognized by WHO in 1970 and renamed the Institute of Immunohaematology in 1982. The institute has collaborated with various international institutions and medical colleges to develop innovative research in immunology and haematology. ICMR-NIIH aims to guide national policy and strategy for managing immuno-haematological disorders by promoting cost-effective research, developing affordable technologies, providing quality education, and evidence-based strategies. Under ICMR-NIIH, in 2022, ICMR-CRMCH was inaugurated by Hon'ble Prime Minister Shri Narendra Modi.



## ABOUT ICMR-CRMCH, CHANDRAPUR

The Centre for Research Management and Control of Haemoglobinopathies (CRMCH) was established in Chandrapur, Maharashtra, by the Indian Council of Medical Research, New Delhi, under the aegis of ICMR-National Institute of Immunohaematology, Mumbai.

The institute focuses on research, training, translation, services, and capacity-building in Haemoglobinopathies, particularly Sickle Cell Disease (SCD), which is a major health burden in the Vidarbha region of Central India. The institute has state-of-the-art facilities and plans for the management of SCD, treatment, prenatal diagnosis, daycare, advanced technologies, translational research, and biobanking. The vision is to develop a state-of-the-art research and training centre, develop

human resources for the underserved areas, support state and district administrations, and strengthen the capabilities of Government Medical Colleges in the region through collaborative research.





## ABOUT THE CONFERENCE

Our Honorable Prime Minister Shri Narendra Modi launched a National Sickle Cell anaemia elimination program by 2047, covering 17 states and over 200 districts. The program focuses on epidemiology, pathogenesis, therapeutics, newborn screening, and new areas of treatment and management. A national-level discussion on indicators and international experts' involvement is needed. The conference will include scientific, technical, and administrative discussions, along with cost-effective diagnostics, genetic counselling, prenatal diagnosis, and disease management.

## INTERNATIONAL SPEAKERS



**DR. PANKAJ QASBA**

PROGRAM DIRECTOR, NATIONAL  
INSTITUTES OF HEALTH (NIH),  
USA



**DR. NARLA MOHANDAS**

VICE PRESIDENT FOR RESEARCH  
NEW YORK BLOOD CENTRE, NEW  
YORK, USA



**DR. L. KRISHNAMURTHY**

PROFESSOR PEDIATRICS, SECTION CHIEF  
PEDIATRIC/HAEMATOLOGY/  
ONCOLOGY/ BMT, YALE PEDIATRIC  
HAEMATOLOGY & ONCOLOGY, SMILOW  
CANCER HOSPITAL, USA



**DR. KALPNA GUPTA**

PROFESSOR, SCHOOL OF  
MEDICINE, UNIVERSITY OF  
CALIFORNIA, IRVINE



**DR. RUSSEL WARE**

DIRECTOR, GLOBAL HEALTH CENTER,  
MARJORY J. JOHNSON CHAIR OF  
HEMATOLOGY TRANSLATIONAL  
RESEARCH, PROFESSOR, UC  
DEPARTMENT OF PEDIATRICS



**DR. FREDERIC B. PIEL**

ASSOCIATE PROFESSOR IN  
SPATIAL EPIDEMIOLOGY  
IMPERIAL COLLEGE, LONDON, UK



**DR. SANTOSH SARAF**

ASSISTANT PROFESSOR OF  
MEDICINE UNIVERSITY OF  
ILLINOIS CHICAGO



**DR. VIVIEN SHEEHAN**

DIRECTOR OF TRANSLATIONAL  
SICKLE CELL RESEARCH, EMORY  
UNIVERSITY SCHOOL OF MEDICINE,  
ATLANTA, GEORGIA, USA



**DR. ANNA BOGDANOVA**

PROFESSOR, INDEPENDENT  
SENIOR GROUP LEADER,  
UNIVERSITY OF ZURICH,  
SWITZERLAND



**DR. CARINA LEVIN**

HEAD OF PEDIATRICS  
HAEMATOLOGY, EMEK MEDICAL  
CENTRE IN AFULA, ISRAEL.



## NATIONAL FACULTY

1. DR. BALRAM BHARGAV (DELHI)
2. N. K. MEHRA (DELHI)
3. DR. KANJAKSHA GHOSH (MUMBAI)
4. DR. ROSHAN COLAH (MUMBAI)
5. DR. DIPTY JAIN (NAGPUR)
6. DR. VELU NAIR (AHMEDABAD)
7. DR. RENU SAXENA (DELHI)
8. DR. ANURADHA SHRIKHANDE (NAGPUR)
9. DR. ALKA PATANKAR (NAGPUR)
10. DR. ANITA NADKARNI (MUMBAI)
11. DR. ANNA SALONI (BHUBANESHWAR)
12. DR. BABU RAO VUNDINTI (MUMBAI)
13. DR. BONTA V. BABU (JODHPUR)
14. DR. CHANDRAKALA S. (MUMBAI)
15. DR. GAJANAN ZORE (RAJASTHAN)
16. DR. GAURAV KHARYA (DELHI)
17. DR. GAUTAM DONGARE (NAGPUR)
18. DR. GIRIRAJ CHANDAK (HYDERABAD)
19. DR. HARPREET KAUR (DELHI)
20. DR. HEENA TABASSUM (DELHI)
21. DR. JYOTISH PATEL (BARDOLI)
22. DR. MAHENDRA KENDRE (MUMBAI)
23. DR. MALAY MUKHERJEE (MUMBAI)
24. DR. MANISHA MADKAIKAR (MUMBAI)
25. DR. MEENAKSHI GIRISH (NAGPUR)
26. DR. MILIND KAMBLE (CHANDRAPUR)
27. DR. NAVEEN KHARGEKAR (MUMBAI)
28. DR. PRABHAKAR S. KEDAR (MUMBAI)
29. DR. PRASHANT JOSHI (NAGPUR)
30. DR. R. K. JENA (ORISSA)
31. DR. RAJA SUBRAMANIAM (JABALPUR)
32. DR. REVATHI RAJ (CHENNAI)
33. DR. SHEELA NAMPOOTHIRI (KERALA)
34. DR. SHREY DESAI (BARUCH)
35. DR. SIVAPRAKASH RAMALINGAM (DELHI)
36. DR. SUNDAR S. MOHANTY (JODHPUR)
37. DR. VINITA SHRIVASTAVA (DELHI)
38. DR. VINKY RUGHWANI (NAGPUR)
39. DR. Y. M. ITALIA (VALSAD)
40. DR. YOGESH KOLKONDE (GADCHIROLI)



## ORGANISING COMMITTEE

### ORGANISING CHAIRPERSON

**Dr. Manisha Madkaikar**  
Director & Scientist G

### ORGANISING SECRETARY

**Dr. Prabhakar Kedar**  
Scientist F

### TREASURER

**Dr. Babu Rao Vundinti**  
Scientist G

## SCIENTIFIC ADVISORY COMMITTEE

1. Dr. Dipika Mohanty	4. Dr. Roshan Colah	7. Dr. R.S. Dhaliwal	10. Dr. Malay Mukherjee
2. Dr. N. K. Mehra	5. Dr. Manisha Madkaikar	8. Dr. Kalpna Gupta	11. Dr. Anita Nadkarni
3. Dr. Kanjaksha Ghosh	6. Dr. Dipty Jain	9. Dr. Vinita Shrivastava	12. Dr. Babu Rao Vundinti

## LOCAL ORGANISING COMMITTEE

Dr. Anindita Banerjee	Mr. Vijay Padwal	Mrs. Pratibha Sawant	Dr. Ravi Gajbhiye	Dr. Chhedi Lal Gupta
Dr. Vandana Pradhan	Dr. Naga Muralidhar	Mrs. Aruna Jawade	Mr. Nithin Rajamani	Mr. Prashant Tapase
Dr. Kalpita Gawit	Dr. Nagaraj J.	Dr. Bipin Kulkarni	Dr. Prashant Warang	Mr. Dattatray Salunkhe
Dr. Swapnil Chandekar	Dr. Umair Bargir	Dr. Rucha Patil	Mr. Umesh Dhumne	Mr. Waman Narkar
Dr. Sayali Tiwari	Dr. Amrutha Jose	Dr. Priya Rani	Mrs. Preeti Pradeep	Mr. Shyam Shinge



# PRE-CONFERENCE WORKSHOP ON LABORATORY AND PRENATAL DIAGNOSIS OF SICKLE CELL DISEASE

**4TH OCTOBER 2024 , FRIDAY**

Time	Program	Speaker/Demonstrator
9:30 – 10:00 am	Tea and breakfast	--
10:00-10.30 am	Registration	--
10:45-11:00 am	Inauguration	--
11:00 -11:30 am	Overview and laboratory diagnosis of Haemoglobinopathies	Dr. Anita Nadkarni
11:30-12:00 pm	Prenatal diagnosis of Haemoglobinopathies	Dr. Roshan Colah
<b>Practical demonstration</b>		
12:00-1:00 pm	Processing of Fetus sample for prenatal diagnosis <ul style="list-style-type: none"><li>• Cleaning of CVS tissue</li><li>• Processing of Amniotic fluid</li><li>• Preparation of DNA</li></ul>	Mrs. Pratibha Sawant Dr. Ashish Chiddarwar
1:00-1:45 pm	<b>Lunch break</b>	
1:45-3:30 pm	Molecular Diagnosis <ul style="list-style-type: none"><li>• PCR RFLP</li><li>• ARMS PCR</li><li>• VNTR</li></ul>	Mrs. Prastibha Sawant Mrs. Manju Gorivale Mrs: Pallavi Thaker
3:30-4:00 pm	Concluding remark and valedictory function	--

**Registration on a first come first serve basis.**

**Target audience: Medical officers, Technicians, Public health professionals, Postgraduate students**

**Total available seats: 25**

**No registration fees for the workshop. However, registration for the conference is mandatory to attend the workshop.**

**Contact details of the Organising Secretary:**

**Dr. Prabhakar Kedar**

**Mob:+ 91 9969007500**

**Official email: [sdcrcmch2024@gmail.com](mailto:sdcrcmch2024@gmail.com)**

# FINAL ANNOUNCEMENT AND CALL FOR ABSTRACTS

Dear Colleagues and Friends,

Warm Greetings from ICMR-NIIH Mumbai and ICMR-CRMCH Chandrapur.

It is our great pleasure to invite you to the International conference **"Sickle Cell Disease: Advances in Management and Prevention."** (ICSCD-2024)

The conference will be held from **4th to 6th October 2024** at the **Centre for Research Management and Control of Haemoglobinopathies (CRMCH), Chandrapur, Maharashtra State, India** under ICMR-National Institute of Immunohematology (NIIH), Mumbai. This conference aims to bring together experts in the field of sickle cell disease and related areas to share their knowledge, ideas, and experiences towards the control and elimination of sickle cell disease. This event will highlight the participation of renowned speakers, student presentations and poster sessions related to the theme of the conference, **"Sickle Cell Disease: Advances in Management and Prevention"**.

## CALL FOR ABSTRACTS

Participants are invited to submit abstracts related to the conference theme for the proposed oral and poster presentations, which may be forwarded to the conference organisers at email: [sdcrcmch2024@gmail.com](mailto:sdcrcmch2024@gmail.com)

Link to submit abstract: <https://icmr-crmch.org/icscd24/login.php>

The **deadline for submission of abstracts is 30th August 2024**, and the selected speakers and presenters will be informed by 10th September 2024.

The conference will also have a space for companies and/or institutions to present their products, services, innovations and research results. If you or your organisation is interested in **participating in this exhibition**, please email to the conference organisers at: [sdcrcmch2024@gmail.com](mailto:sdcrcmch2024@gmail.com)

Finally, the organising committee would like to invite the entire Sickle Cell Society, NGO, and researcher to participate in this international event.

REGISTRATION FEE			
Category	Till 15th August 2024	16th-30th August 2024	Till 15th September 2024- Only Conference Registration
Student	Rs. 1000	Rs. 1500	Rs. 2000
Faculty/ Delegate	Rs. 2000	Rs. 2500	Rs. 3000

**\*Note: Registration fee waivers will be considered. Please write to us at [sdcrcmch2024@gmail.com](mailto:sdcrcmch2024@gmail.com).**

## PRIZES:

There will be oral presentations by the delegate/student/ who register for the conference. First three winners will be awarded with a certificate and a cash prize of Rs. 5000/-, 3000/- and 2000/- for the first, second and third winners, respectively. Besides, there will be poster presentations open for all delegates who register for the conference. First three winners will be awarded with a certificate and a cash prize of Rs. 5000/-, 3000/- and 2000/- for the first, second and third winners, respectively.

# HOW TO REACH US:

## Conference Venue:

ICMR- Centre for Research Management and Control of Haemoglobinopathies (CRMCH), Chandrapur, Maharashtra State, India

- **By Road:**

Taxi/Car Rental: You can hire a taxi or rent a car from Nagpur Airport. The drive to ICMR Government Hospital takes about 3 hours, depending on traffic conditions.

Route: The most common route is via NH44. Follow the signs for NH44 from the airport and continue on this highway until you reach Chandrapur. From Chandrapur, follow the local directions to the ICMR Government Hospital.

- **By Bus:**

Several buses run from Nagpur to Chandrapur. You can take a bus from the Nagpur Bus Stand. The bus journey takes about 3-4 hours. Upon reaching Chandrapur, local transport options like taxis or auto-rickshaws can be used to reach the hospital.

- **By Train:**

You can take a train from Nagpur Railway Station to Chandrapur Railway Station. The train journey takes approximately 2-3 hours. From Chandrapur Railway Station, you can hire a taxi or an auto-rickshaw to reach the ICMR Government Hospital.

## CONTACT US:

**Dr. Prabhakar Kedar, PhD (Biotech) Japan**

**Organising Secretary**

**Mob: +91 9969007500**

**Official email: [scdcrmch2024@gmail.com](mailto:scdcrmch2024@gmail.com)**

**For Registration visit website:**

**<https://icmr-crmch.org/icscd24/index.html>**

**For sponsorship details and form, scan:**

