



**Fig.18:** Release of technical report of study, “Validation study on assigning cause of death” by Dr Dr Rajiv Bahl, Secretary DHR & DG ICMR, Dr M Vishnu Vardhana Rao, Director, Dr N K Arora, Dr Kal Singh, DG Statistics, MoHFW and Dr B. Bhargava, Former DG ICMR.



**Fig.19:** Dr Rajiv Bahl, Secretary DHR & DG ICMR, Dr M Vishnu Vardhana Rao, Director, scientists from ICMR institutes and faculty from ICMR-NIMS during the third ‘Induction Training on Research Methods and Biostatistics’.

## ICMR-REGIONAL MEDICAL RESEARCH CENTRE (ICMR-RMRCBB), BHUBANESWAR

- The regional VRDL is one of the laboratories contributing to genomic epidemiology of the SARS CoV2 through the INSACOG consortium in India and one of the only 2

laboratories from the state of Odisha providing information regarding SARS CoV2 variants and sub-variants at the state and national level. The genomic surveillance for tracking SARS CoV2 variants has also been initiated.

- **Odisha Tribal Family Health Survey (OTFHS):** It is a first of its kind comprehensive and multidimensional survey, exclusively

among tribal population of Odisha. The survey has been designed to provide comparable estimates on over 140 social and health indicators for each of the 62 tribes and 13 primitive vulnerable tribal groups in the state. Data is being collected digitally from over 10000 households with an estimated 42000 participants in total. OTFHS would form the baseline for future need-based surveillance and for the Tribal Health Observatory for real-time decision-making support to the health system of the state.

- Sickle cell Disease:** An intervention research project was undertaken with the aim to develop effective intervention model for the SCD patients in tribal areas for accessing government health care system and capacity building in terms of knowledge, skill and training of the health care workers at different levels of health system for prevention and management of SCD. The task force study on Neonatal Screening for Sickle Cell Disease was undertaken in Kandhamal district of Odisha. During the reporting period, a total 4324 newborn babies were screened using HPLC, out of which, 77(1.8%) babies were identified as Sickle Cell Disease (SCD), which added to the sickle cell cohort of ICMR. They are being followed up in specific time intervals with early initiation of interventions like prophylactic antibiotics, Hydroxy urea and Folic Acid. Besides, a total 592 (13.7%) Sickle cell traits were identified. The identified babies have been registered at district sickle cell unit. The parents were provided genetic counseling.
- The team has developed audio content in local tribal language for creating awareness pertaining to the cause, sign, symptoms, transmission mode & treatment of Anthrax disease.
- There was inauguration of annex building and laying of foundation stone of **School of Public Health and BSL III Laboratory** at ICMR-RMRC, Bhubaneswar on 7th January, 2023 by Hon'ble Union Minister for Health and Family Welfare, Dr. Mansukh Mandaviya, in the august presence of Shri Dharmendra Pradhan, Hon'ble Union Minister for Education and Skill Development & Entrepreneurship, Dr. Bharati Pravin Pawar, Hon'ble Minister of State, Ministry of Health and Family Welfare, Govt. of India, Smt. Aparajita Sarangi, Hon'ble Member of Parliament, Bhubaneswar and Dr. Rajiv Bahl, Secretary to Government of India, Department of Health Research and Director General, Indian Council of Medical Research.
- The institute compiled a book "**ODI-SCI: The Odyssey of the women scientists of Odisha**" which documents the life history, phenomenal scientific journey and enlightening views of the great women scientists of the Odisha State. This book was released by Dr. Bharati Pravin Pawar, Union Minister of State, Ministry of Health and Family Welfare, Government of India on 3<sup>rd</sup> December, 2022.
- ICMR-RMRC stall at "Make In Odisha Conclave 2022" during 30<sup>th</sup> November to 4<sup>th</sup> December, 2022 was awarded with the "**Best Departmental Pavillion Trophy**".
- The institute designed and developed an **online certificate course on 'One Health'**, first-of-its-kind in India which was launched on 23<sup>rd</sup> January 2023 through the NPTEL platform.
- Established a population cohort at its MRHRU, Tigiria. The cohort comprising 16,500 households would be of critical importance in understanding the disease transmission

dynamics and form a conducive platform for future clinical trials.

- The team published the magazine on Tuberculosis in India “**Science Horizon**” in collaboration with Odisha Bigyan Academy.



Fig. 20: Dr. Bharati Pravin Pawar, Union Minister of State, Ministry of Health and Family Welfare, Government of India released the book “ODI-SCI: The Odyssey of the women scientists of Odisha”.



Fig. 21: Inauguration of annex building of the centre and laying of foundation stone of School of Public Health and BSL III Laboratory at ICMR-RMRC, Bhubaneswar on 7<sup>th</sup> January, 2023 by Hon’ble Union Minister for Health and Family Welfare, Dr. Mansukh Mandaviya.



Fig. 22: Published the magazine on Tuberculosis in India “**Science Horizon**” in collaboration with Odisha Bigyan Academy.