

## **Work being carried out at different institutes/ centres of ICMR in Tribal Health Research**

### **National Institute for Research in Tribal Health (NIRTH), Jabalpur , MP**

- Haemoglobinopathies screening in Central India
- Morbidity profile of sickle cell disease in Central India.
- Protection provided by Haemoglobinopathies in uncomplicated and severe *P.falciparum* malaria

### **Studies on Malaria**

- Prevalence of malaria with special reference to cerebral Malaria and severe malaria in Chhattisgarh
- Evaluation of Biomarkers to assess malaria severity due to *P. falciparum* in Central India.
- Assessment of the effectiveness of intense intervention measures on malaria control programme in tribal district, Balaghat, Madhya Pradesh.
- To determine the effectiveness of intensive intervention measures on malaria prevalence in tribal district, Dindori, Madhya Pradesh.
- Mapping of sibling species of malaria vectors and their Bionomics in Madhya Pradesh.
- Epidemic investigation of malaria in Central India
- Comparative evaluation of commercially available Rapid diagnostic tests (Malaria Pf / Pv kit) vs. Traditional and molecular techniques of malaria.

### **Health and Nutritional status of the primitive tribes of Madhya Pradesh**

- Epidemiology of viral hepatitis in primitive tribes of Madhya Pradesh, Chhattisgarh, Jharkhand and Orissa.
- Microfilaria survey in tribal population of M.P.
- Prevalence of Pulmonary Tuberculosis in tribal population of Madhya Pradesh
- Fluorosis Mitigation: Assessment, intervention and impact of intervention in Fluorosis affected villages of Madhya Pradesh
- Reaching primitive tribal group with IEC to improve awareness to malaria at Baigachak area, Dindori district, Madhya Pradesh

### **Regional Medical Research Centre (RMRC), Port Blair**

- Risk factors of chronic non-communicable diseases
- Nutritional status among preschool children of Nicobarese
- Tuberculosis – culture and drug sensitivity testing services under DOT plus.

### **Regional Medical Research Centre (RMRC), Bhubaneswar, Orissa**

- Improved regimen for control of anemia in adolescent tribal girls
- Anemia amongst Hemoglobinopathies disorders vs normal tribal adolescent girls
- Severity of under nutrition vs. Vit. A & Vit. E deficiencies in preschool children
- Etiology of severe diarrhea among tribal districts of Orissa

#### **National Institute of Nutrition , Hyderabad**

- Diet and nutritional status and time trends of the tribal population by National nutrition Monitoring Bureau (NNMB)

#### **National Institute of Malaria Research, New Delhi**

- Multivariate predictors of *P. falciparum* treatment failure and delayed parasite clearance
- Effectiveness and safe interventions for prevention of malaria in pregnancy in India
- Effectiveness and safe treatment of malaria in pregnancy in India : a randomized Controlled trial

#### **Vector Control Research Centre (VCRC), Puducheri**

- Therapeutic efficacy of ACT in Dasamantpur PHC of Koraput district
- Indoor resting density of the malaria vectors and MPI per 1000 population
- *An. culicifacies* and *An. fluviatilis* response to DDT, malathion and deltamethrin

#### **Regional Medical Research Centre (RMRC), Jodhpur**

- A study on nutrition and health status of tribal population
- Polymorphisms in Duffy blood group genes of *P. vivax* malaria patients and control population

#### **Rajendra Memorial research institute of Medical sciences (RMRIMS), Patna**

- Study of abnormal Hemoglobin in tribal population
- Prevalence of hypertension and associated risk factors among tribal of Bihar / Jharkhand
- Exploration and experimental validation of ethno- medicine used to cure infectious diseases by tribal population.
- Study on nutritional status involved with the severity of vector and water borne disease.

#### **National Institute of Immunohaematology (NIH), Mumbai**

- Newborn screening and natural history of sickle cell disorders
- Prenatal diagnosis of Thalassemia and Sickle cell disorders

#### **Division of Non-communicable diseases (NCD), New Delhi**

- Tribal research activities in hypertension, diabetes, cancers, mental ill-health and addressing chronic care and related health system research.

#### **Division of Epidemiology and communicable diseases (ECD), New Delhi**

- Various projects for tribal health research under Tribal Sub Plan has been approved for funding