

Contents

	<i>Page No.</i>
Preamble	1
 COMMUNICABLE DISEASES	
National Institute of Virology, Pune	
Japanese Encephalitis viral vaccine	3
Diagnostic for Japanese encephalitis, dengue and West Nile viruses	3
Diagnostic for hepatitis A	4
Vaccine for hepatitis A	5
Kyasanur Forest Disease vaccine	5
Diagnostic for rotavirus for diarrhoea	6
Rotaviral diarrhoea	6
Mosquito repellent device	7
 Vector Control Research Centre, Puducherry	
Biocontrol agents for mosquitoes	8
<i>Bacillus thuringiensis</i>	
<i>Bacillus sphaericus</i>	
Microbial pupicide	9
Microbial oviposition attractant	10
Insect repellent	10
Insect growth regulator	11
Immuno-suppressive fungal metabolite – Cyclosporin	11
Thrombolytic enzyme – Thrombinase	12
Microfilaricidal composition of naphthalene dione derivatives	12
<i>Plumbago rosea / indica</i>	
<i>Trachyspermum ammi</i>	
Bird feather based biopesticide	14
Biocidal composition for mosquitoes	14
Diagnostic kit for filariasis	15
Biocontrol agent for vector mosquitoes	15
Bioinsecticide from industrial wastes	16

Centre for Research in Medical Entomology, Madurai	
Diagnostic for Japanese Encephalitis	17
Diagnostic for Dengue	17
Vector control tool for Japanese Encephalitis	18
National Institute of Cholera and Enteric Diseases, Kolkata	
Cholera vaccine	19
Holey/lacey carbon films for electron microscopy	20
National Institute for Malaria Research, New Delhi	
New formulation for malarial treatment	21
Herbal composition for mosquito control	21
A plant based insecticide for mosquito	22
Immunodiagnostic Reagent	22
A botanical formulation for mosquito control	23
National JALMA Institute for Leprosy & Other Mycobacterial Diseases, Agra	
Drug target / vaccine for mycobacterial disease	24
A novel primer to identify mycobacteria	24
Therapeutic / diagnostic targets for tuberculosis	25
Tuberculosis Research Centre, Chennai	
Diagnosis of pathogenic <i>Mycobacterium tuberculosis</i>	26
Regional Medical Research Centre, Port Blair	
Diagnostic for leptospirosis	27
Regional Medical Research Centre, Dibrugarh, Assam	
ELISA technique for sero-diagnostic for human paragonimiasis	28
A herbal antiplasmodial agent	28

REPRODUCTIVE HEALTH

National Institute for Research in Reproductive Health, Mumbai	
Fertility assessment kits: a. Indulsa b. Corpulisa c. Luteolisa d. Follilisa	30
Pregnancy detection kit – Pregstrip	32
Iron deficiency detection – Ferritnest	33
Biochemical marker for osteoporosis	34
Biochemical marker for reproductive tract infections	34
Nisin peptide – a contraceptive	35

National Institute for Nutrition, Hyderabad

Kit for estimation of haemoglobin	36
Diagnostic kit for serum ferritin	36
Fortified common salt kit for prevention of deficiency disorders	37
Salt testing kit	37
Herbal leaf powder for tibial dyschondroplasia in poultry	38
Immunodiagnostic kit for <i>Streptococcus agalactae</i>	39

NON-COMMUNICABLE DISEASES

Institute of Cytology and Preventive Oncology, Noida

Cancerous lesion visualizing device- Magnivisualizer	40
Human Papilloma Virus testing method	40

Desert Medicine Research Centre, Jodhpur

Calotropin, a new bio larvicide against vector of dengue	42
--	----

BASIC MEDICAL SCIENCES

Institute of Pathology, New Delhi

Detection of kala-azar and post kala-azar dermal leishmaniasis	43
Monoclonal antibody for <i>Chlamydia trachomatis</i>	43
Dot-blot assay for <i>C. trachomatis</i> infection	44

Institute of Immunohaematology, Mumbai

Monoclonal antibody development of foetal haemoglobin	45
---	----

Regional Occupational Health Centre, Kolkata

Transportation device	46
-----------------------	----

EXTRA MURAL RESEARCH

Communicable Diseases

Promoters of <i>Mycobacterium tuberculosis</i> , AIIMS, New Delhi	47
Antitubercular drug targets from <i>Mycobacterium tuberculosis</i> , DUSC, New Delhi	47

Reproductive Health

Styrene Maleic Anhydride - A male contraceptive, IIT, New Delhi	48
Process of preparing male contraceptive, IIT, New Delhi	48

Non-communicable Diseases

Fluoride containing dental varnish, Sri Ram Institute for Industrial Research, New Delhi	49
--	----

Anti-neoplastic compound and process for its preparation, 49
University of Kolkata, Kolkata

Basic Medical Sciences

Anti-diabetic drug - Vijyasar, RRL, Jammu 50

Herbal therapeutic product from *Eugenia jambolana*, 50
UCMS, New Delhi

Resistance modifying agent against multidrug resistance, 51
CNCI, Kolkata

New phosphor based UVB phototherapy lamp, RKNEC, Nagpur 51

ANNEXURE: List of ICMR Patents