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स्वास्थ्य अनुसंधान विभाग
Department of Health Research
प्राप्ति और प्रेषण अनुभाग
R. & I. Section

जारी किया.....
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Ministry of Health & Family Welfare
(Department of Health Research)

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Dated the 22nd July, 2019

Subject: - Monthly Summary to the Cabinet for the month of June, 2019-Reg.

The undersigned is directed to circulate herewith a copy of the unclassified portion of the **Monthly Summary for the Cabinet** pertaining to the Department of Health Research (Ministry of Health and Family Welfare) for the month of June, 2019.

Anu 23/7/19
(Anu Nagar)

Joint Secretary to the Government of India
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To

1. All members of Council of Ministers
2. Deputy Chairman, NITI Aayog, Yojana Bhawan, New Delhi.
3. The Principal information Officer, Ministry of Health and Family Welfare, New Delhi

Copy to:

The Director, Cabinet Secretariat, Rashtrapati Bhawan, New Delhi-110001

Copy also forwarded for information to:

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4. Secretary to the Vice-President of India (Up-Rashtrapati ke Sachiv), Rashtrapati Bhawan, New Delhi.
5. PS to Prime Minister of India, South Block, New Delhi
6. Secretary, Inter-State Council Secretariat, MHA, Vigyan Bhawan Annexe, New Delhi.

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**MINISTRY OF HEALTH & FAMILY WELFARE
DEPARTMENT OF HEALTH RESEARCH**

Monthly Summary for the Cabinet for June 2019

An update on the Principal activities and key initiative undertaken by the Department of Health Research (DHR) during the month of May 2019 is indicated below:-

- a) **Nipah containment in Kerala:** Established a diagnostic laboratory, conducted bat survey, adopted a Nipah Point-of-care assay in the field, provided on-site support to the state public health team after detection of a case of Nipah infection in Kochi by ICMR. Early diagnosis and proper care with the joint efforts of the ICMR-NIV and the Government of Kerala saved the life of the index case and contained the Nipah outbreak in Kerala.
- b) **Acute Encephalitis Syndrome (AES) outbreak investigation in Muzaffarpur, Bihar:** A high-level multi-disciplinary team of experts deployed on 17th June 2019 for investigation of the ongoing AES outbreak in Muzaffarpur. The case fatality rate was found to be 21.9%. The median age of patients was 4 years. There were no prodromal symptoms. The cause appears to be precipitated by Litchi consumption.
- c) **Investigation of Acute Encephalitis Syndrome (AES) cases admitted to BRD Medical College (BRDMC), Gorakhpur:** Out of a total of 12 AES cases tested for anti-JE IgM, anti-OT IgM, and Dengue NS-1 antigen detection, admitted at BRDMC during the month, only two children from Kushinagar district tested positive.
- d) A novel mutation has been identified that reduces susceptibility of avian influenza virus to oseltamivir and zanamivir.
- e) National TB Prevalence survey was initiated on 1st June in Tiruvallur, Tamil Nadu.
- f) **Surrogacy Regulation Bill** has been sent to the Ministry of Law and Justice for vetting before it is placed before the Cabinet.
- g) **Emergency response to Cyclone Fani affected districts of Odisha:** Deployed scientists as member of Central Public Health Team (Microbiologist) for emergency response to "Fani cyclone" hit coastal districts of Odisha state (Puri, Khordha, Kendrapara and Jagatsinghpur). An "Emergency Medical Relief (EMR) measures and

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response activities against epidemic prone diseases taken in collaboration with state health authority.

- h) **Establishment of a Health and Demographic Surveillance System [HDSS], Gorakhpur, Uttar Pradesh:** Mapping of study area manually & GPS based and household enumeration on the study was done.
- i) **Developed a Transdermal Patch Based System device** for detection of inorganic lead (Pb^{2+}) in clear biological sample, which is currently under evaluation.
- j) Prepared a detailed report on the "**Capacity Assessment of Trauma Care Facilities in Five Cities in India**".
- k) **National Environmental Health Profile (NHEP):** Initiated a study in selected areas of Bangalore city in co-ordination with officials of BBMP, census and Directorate of Economic & Statistics to obtain mortality data and Data of 4A forms from medical superintendents of government hospitals located in Bangalore city.
- l) **Initiated/completed 30 important projects** including Anemia and stunting in children and National survey for state-wise prevalence of microbiologically confirmed pulmonary tuberculosis in India
- m) Conducted important meetings with **Institute of Nuclear Medicine & Allied Sciences (INMAS) /Defence Research and Development Organization (DRDO), Delhi** for 'Soldier Health & Drug Development'; with **National Institutes of Health (NIH), USA** for global alliance for chronic diseases (GACD), diabetes, aging cohorts, phyto-pharmacology & alternative drugs & practices, translational research, drug discovery, innovative implementation & translational practices, cancer research consortium & large scale longitudinal cohorts, suicide prevention and behavioral risks, trauma, accidents and brain injury, bioengineering & POC diagnostics, digital health and AI.
- n) Observed '**World Environment Day-2019**', '**Fifth International Yoga Day**', '**World No Tobacco Day**', and '**World Malaria Day**' at Ahmedabad, Belagavi, Bhubaneswar, Dibrugarh, Gorakhpur, Jabalpur, New Delhi, Mumbai and Port Blair.