

## Workshop under the theme

### “Antibiotic resistance: a threat to livestock and public health”

at ICAR-IVRI, ERS, Kolkata on 5<sup>th</sup> September, 2015

Food animals are often exposed to antimicrobials to treat and prevent infectious disease or to promote growth. The extensive therapeutic and non-therapeutic uses of antimicrobial agents in food animals leading to development of multidrug-resistant (MDR) and extensively drug-resistant (XDR) organisms. Reports of new outbreaks of these so-called “superbugs” are increasingly becoming common. Since antibiotics have been used in food animals so widely and for so long, antibiotic resistance has become a major public health threat.

However, relatively little attention has been paid to know the degree and relative impact of antibiotics use in farm animals to the overall problem of antibiotic resistance and public health. Moreover, many of these antimicrobials are identical to or closely resemble drugs used in humans. Therefore, identifying key areas in which action needed is urgently required to minimize and contain antimicrobial resistance. Because, if there is “No action today on antimicrobial resistance, no cure tomorrow”.

On the occasion of completing 125 years of its glorious existence providing yeoman service to the nation by ICAR- Indian Veterinary Research Institute and to celebrate **Quasquicentennial-Retro Revive (2014-15)** programme; its Eastern Regional Station, Kolkata is organizing one day work shop of IVRI inviting veterinarians, health professionals and researchers to develop an integrated approach to tackle one of the most important livestock and public health issues on the theme “**Antibiotic Resistance: A Threat to Livestock and Public Health**” on 5th September, 2015.

#### Chief Guest:

**Prof B. B. Mallick**, Former Director, ICAR-IVRI, Izatnagar & former Vice-Chancellor, WBUAFS, Kolkata

#### Invited speakers:

**1. Dr. Subash Bose**, Director Animal Husbandry & Veterinary Services, West Bengal

**Topic: Impact of antibiotic resistance on livestock production and its management**

**2. Dr Asish K. Mukhopadhyay**, Scientist E, NICED, Kolkata

**Topic: Multidrug Resistant Campylobacter and campylobacteriosis: An Indian perspective**

**3. Dr Anjan Adhikari**, Associate Professor, Dept of Pharmacology, R G Kar Medical College and Hospital, Kolkata

**Topic: Antibiotic Resistance in Livestock and Public Health**

**4. Dr T K Dutta**: Associate Professor Central Agricultural University Selesih, Aizawl, Mizoram

**Topic: Antimicrobial Resistance: A Public Health Concern**