

❖ Name & Designation	: Dr. Varuna P. Panicker, Teaching Asstant.
❖ Address	: College of Veterinary and animal Sciences, Kerala Veterinary and animal sciences university, Mannuthy, Thrissur-680651 (Kerala).
❖ Name of the International Conference/ Seminar/Symposium/ Workshop	: 3 rd International conference of antimicrobial Research (ICAR) 2014
❖ Title of the abstract accepted	: 1. Chemistry and antimicrobial potential of BuMAP-34, a novel buffalo myeloid cathelicidin. 2. S20-a synthetic peptide-as an antimicrobial and anticancerous agent.
❖ Date & Venue	: 1-3 rd October 2014. Madrid, Spain.
❖ Money sanctioned	: ₹ 1,00,000/-
❖ Money reimbursed	: ₹ 1,00,000/-

Participation Report

Organization of Conference: Aim of the ICAR conference was to establish a key forum in Europe for the presentation, exchange and dissemination of information and experiences on antimicrobial strategies. It covered topics on antimicrobial resistance, resistance detection, enhancement of innate defence against pathogens, as well as methods and techniques. In this third edition of the ICAR conference gathered around 450 participants, from more than 60 countries. More than 440 works were presented at the conference.

Research papers were presented in 14 different sessions.

- Antimicrobial natural products 1- Peptides
- Antimicrobial natural products 1- Terrestrial and marine organisms
- Biocontrol, Biosynthesis of antimicrobials
- Bacteriophages
- Biofilms
- Antimicrobial materials science and surface chemistry. Antimicrobials in consumer products.
- Antimicrobial chemistry
- Non-antibiotic biocides
- Antimicrobial physics
- Clinical and medical microbiology, Infectious diseases and antimicrobials, Public health
- Antimicrobial resistance, Mechanism of action of antimicrobial agents
- Attenuation of virulence as antimicrobial strategy
- Techniques and Methods

New Development presented at the conference

Scientists and researchers could discuss and exchange their ideas and their new discoveries in the antimicrobial peptides. There was discussion on the mode of development of antimicrobial resistance and new techniques and methods to detect the resistance.

Participant's contribution to the conference

Two oral presentations were made in subject areas, 1. Chemistry and antimicrobial potential of BuMAP-34, a novel buffalo myeloid cathelicidin. 2.S20- a synthetic peptide – as an antimicrobial and anticancerous agents under the session Antimicrobial natural products 1-peptides.