

LECTURES DELIVERED



Dr. B. B. Barik, Professor, Department of Pharmaceutics, College of Pharmacy, Jazan University, Jazan, Kingdom of Saudi Arabia delivered a lecture on "Nanotechnology: A Challenge in Traditional Medicine" during 8th International Conference and Exhibition on Pharmaceutics and Novel Drug Delivery Systems, organized by the OMICS International on 7th-9th March, 2016 at Melia Avenida America, Madrid, Spain on the theme "Challenges and Advances in Novel Drug Delivery Systems". The lecture was focused on nanotechnology-based drug delivery of herbal extracts. Prof. Barik told that herbal medicines have been widely used in India and all over the world since ancient times and recognized for their less side effects and better therapeutic value. With the advanced nanotechnology, the nanophytomedicines have improved the solubility, biological availability and the



therapeutic effects. With target-oriented administration, it can enhance the quality of life and more importantly explore more prosperous markets for the plant medicines. Therefore, integration of the nanocarriers as novel drug delivery systems in traditional medicine is essential to control more complicated health problems viz. diabetes, cancer, neurological and liver disorders etc.



Dr. A. Muralidhar Rao, Principal and Professor, Maheshwara Institute of Pharmacy, Patancheru, Hyderabad, Telangana, India delivered a lecture on 'Pharmaceutical Applications of Nanotechnology' during 2nd Indo-Gulf Conference on 'Nanotechnology: From Basic Research to Nanomedicines' on 2nd September, 2016 at Shri Vishnu College of Pharmacy, Bhimavaram, West Godavari, Andhra Pradesh, India, organized by APP CCP Division in collaboration with APP AP State Branch. Dr. Muralidhar told that many bioactive natural products have poor water solubility and nanotechnology has the potential to give new breath of life to those



bioactive natural products which were rejected due to their poor solubility. He discussed that the nanocrystal technology enables formulations to be developed without the need of toxic surfactants which may cause enhanced side effects or adverse reactions.



Dr. Ajay Sharma, Vice President, APP Ethiopian International Branch and Associate Professor, Department of Pharmacy, College of Health Sciences, Mizan-Tepi University, Mizan Teferi, Federal Democratic Republic of Ethiopia delivered lectures on "Biotechnological Production of Phytopharmaceuticals" and "Standardization of Herbal Drugs & Biotechnological Approaches" during Indo-African Symposium on 'Biotechnological Production of Phytopharmaceuticals' on 7th September,



2016 at Department of Pharmacy, Lingaya's University, Faridabad, Haryana, India, organized jointly by Association of Pharmacy Professionals (APP) Haryana State Branch and APP Ethiopian International Branch.



Dr. Sameer Dhingra, Lecturer and Clerkship Coordinator, School of Pharmacy, The University of the West Indies, St. Augustine, Trinidad & Tobago delivered a lecture talk on 'Antibiotic Stewardship Programme' for ensuring proper use of antibiotics and the significance of infection control team and pharmacy therapeutics committee in a hospital set up, during International Workshop on "Antimicrobial Resistance Stewardship" organized by APP CCP Division in collaboration with UWISoP at Couva District Health Facility, Ministry of Health, Republic



of Trinidad and Tobago on 19th October, 2016. Dr. Sameer Dhingra also emphasized on the continuous medical education for the working professionals on antibiotic usage and stressed on the needs of rational use of antibiotics because of antimicrobial resistance.

