

## Objective

Pharmaceutical science is concerned with the design, development and analysis of new drugs for clinical purposes. It explores the different sources of medicine, how they work in the body and how they can be effectively formulated, analyzed and tested. Drug Discovery and Design involves design and synthesis of new drug molecules. This category includes specialized fields of study such as medicinal chemistry, combinatorial chemistry, structural biology, identification of biological targets, and assay development to test drug candidates. Natural products are small molecules produced naturally by any organism including primary and secondary metabolites. As they may only be isolable in small quantities, have interesting biological activity and chemical structures, natural product synthesis poses an interesting challenge in organic chemistry. Drug Action examines how the drug itself actually works in a living system. While pharmacists are highly trained to evaluate medication use; communicate with other health care providers; prepare and dispense medications; and educate patients about those medications, pharmaceutical scientists are expertly trained to discover, develop, test and manufacture new medications. In the present conference, experts from international and national universities will address on current progress and global trends in pharmaceutical research.

### **Dr. V. K. Agarwal** Chief Patron

Chancellor, SunRise University, Alwar, Rajasthan

### **Dr. Manju Agarwal** Patron

Executive Director, Alwar Pharmacy College  
IET Group of Institutions, Alwar, Rajasthan

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Dean, Faculty of Pharmacy  
Rajasthan University of Health Sciences, Jaipur  
Principal, Alwar Pharmacy College, Alwar, Rajasthan

### **Prof. R. S. Bhaduria** Co-convener

President APP Rajasthan State Branch  
Principal, Shrinathji Institute of Pharmacy  
Nathdwara, Rajasthan

### **Dr. Kamal Dua** Scientific Committee Co-Chairman President APP Australian Int. Branch University of Technology Sydney Sydney, NSW, Australia

## Key Speakers

### **DR. RAJIV DAHIYA**

Director, School of Pharmacy, Faculty of Medical Sciences, The University of the West Indies  
St. Augustine, Trinidad & Tobago, West Indies

### **DR. AJAY SHARMA**

Professor, Department of Pharmacognosy, Amity Institute of Pharmacy, Amity University  
Gwalior, Madhya Pradesh, India

### **DR. GAURAV GUPTA**

Associate Professor, Department of Pharmacology, School of Pharmaceutical Sciences  
Jaipur National University, Jaipur, Rajasthan, India

## For Correspondence

### **The Convener**

7<sup>th</sup> Indo-West Indies Conference 'CPTPR-2019'  
Alwar Pharmacy College, Alwar, Rajasthan, India  
E-mail: [ietalwar@ietalwar.com](mailto:ietalwar@ietalwar.com)

## Alwar Pharmacy College ALWAR, RAJASTHAN



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## Association of Pharmacy Professionals

### West Indies International Branch & Rajasthan State Branch

in collaboration with  
APP MolPharm Division



## 7th Indo-West Indies Conference

### Theme

"Current Progress & Trends in Pharmaceutical Research"

**20th July, 2019**



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