



APP KERALA STATE BRANCH
APP AUSTRALIAN INTERNATIONAL BRANCH
APP MOLECULAR PHARMACOLOGY DIVISION



APP 12TH ANNUAL INTERNATIONAL CONVENTION

6TH INDO-AUSTRALIAN CONFERENCE
(December 15-16, 2023)

THEME:

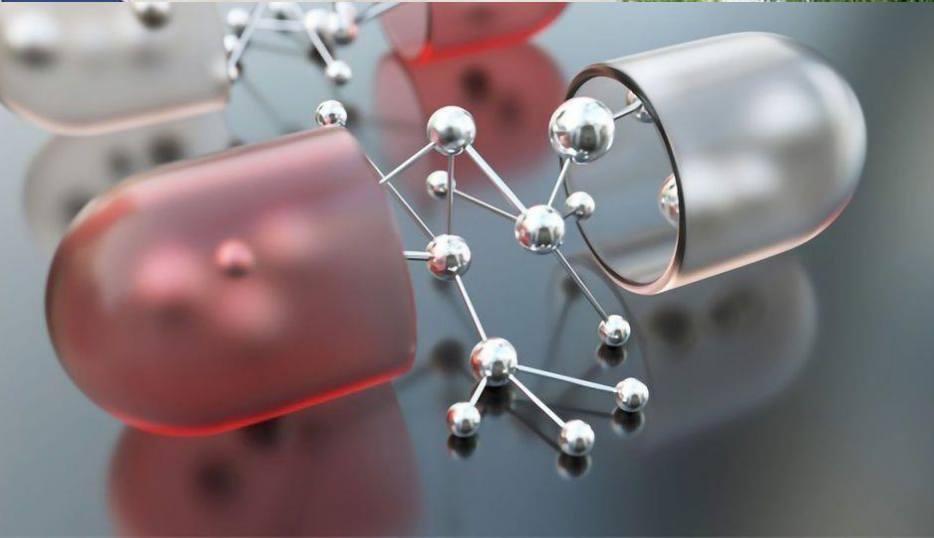
Worldwide Scenario and Future Challenges
in Modern Drug Discovery

APP



<https://www.aryapharmacyjpr.com>

<https://www.appconnect.in>



ORGANIZED & HOSTED BY

ARYA COLLEGE OF PHARMACY

Kukas, Jaipur, Rajasthan, India

e-mail: vanu4amit@gmail.com

☎: 8696006739

IN COLLABORATION WITH

APP KERALA STATE BRANCH

APP AUSTRALIAN
INTERNATIONAL BRANCH

APP Molecular
Pharmacology Division

Objective

Drug discovery research is how new medications are discovered. Historically, drug discovery, design, and development mostly started with identifying active ingredients from traditional medicines or purely by chance. Later, classical pharmacology was used to investigate chemical libraries including small molecules, natural products, or plant extracts, and find those with therapeutic effects. Since human DNA was sequenced, reverse pharmacology has found remedies to existing diseases through modern testing. Today the steps in drug discovery and development involve screening hits, iterative medicinal chemistry, and optimization of hits to reduce potential drug side effects (increasing affinity and selectivity). Efficacy or potency, metabolic stability (half-life), and oral bioavailability are also improved in these steps of the drug development process. Pharmaceutical technology is one of the pharmaceutical sciences dealing with the composition, formulation, preparation or manufacturing and quality control of extemporaneously compounded or commercially manufactured drugs. The discipline primarily focuses on the conditions which enable the transformation of active pharmaceutical ingredients (APIs) and pharmaceutical excipients into medicines, also looks at the patterns which control these processes and the relationships of drug formulations and their effect when applied. Drug design is the inventive process of finding new medications based on the knowledge of a biological target. Gradually, drug design has been transformed into a coherent and well-organized science with a solid theoretical background and practical applications. Now, drug design is the most advanced approach for drug discovery. It utilizes the innovations in science and technology and includes them in its wide-ranging arsenal of methods and tools in order to achieve the main goal: discovery of effective, specific, non-toxic, safe and well-tolerated drugs. With these, the conference will provide a international platform to discuss the global scenario and future challenges in modern drug discovery.

DR. ARVIND AGARWAL

Patron & President

DR. PUJA AGARWAL

Patron & Vice President

Arya Group of Colleges, Kukas
Jaipur, Rajasthan

PROF. ALEKHA K. DASH

Guest of Honor & President, APP American International Branch
Creighton University, Omaha, Nebraska, USA

PROF. RAJIV DAHIYA

Organizing Chairman & Founder President APP
Former Director, School of Pharmacy
The University of the West Indies, Trinidad & Tobago

PROF. VANDANA SHARMA

Convener & Principal
Arya College of Pharmacy
Kukas, Jaipur, Rajasthan

PROF. HEMENDRA GAUTAM

Vice President APP
Scientific Committee Chairman
Director, Arya College of Pharmacy, Bareilly, Uttar Pradesh

PROF. S. SATHESH KUMAR

Vice President, APP Tamilnadu State Branch
Scientific Committee Co-Chairman
Principal, SNS College of Pharmacy and Health Sciences
Saravanampatti, Coimbatore, Tamil Nadu

PROF. BOBY JOHNS G

President, APP Kerala State Branch
Scientific Committee Co-Chairman
St. Josephs College of Pharmacy, Cherthala, Alappuzha, Kerala





ARYA COLLEGE OF PHARMACY, KUKAS, JAIPUR, RAJASTHAN

About the College

Arya College of Pharmacy (ACP), an integral part of Arya Group of Colleges, was established under the aegis of All India Arya Samajis Society for Higher & Technical Education in the year 2004. ACP is a philanthropic organization committed to the service of humanity through technological advancement. The mission of Arya College of Pharmacy is to provide a comprehensive and progressive education that prepares pharmacists to play an active role in providing skilled, ethical, and compassionate patient care that improves the health and quality of life of people. The vision of the Arya College of Pharmacy is to achieve excellence in pharmacy education, scholarly research, service to society, Improved Medical Research Techniques and thus improve the healthcare of the Community & our Nation. The institute is duly approved by AICTE & PCI and is affiliated to Rajasthan University of Health Sciences (RUHS), Jaipur. Arya College of Pharmacy has glorious standing since 2004 and has unmatched infrastructure, faculty and placement profile. The college is located at north side of Jaipur City. ACP presently runs D.Pharm, B.Pharm and M.Pharm courses. Kindly visit the college website <https://www.aryapharmacyjpr.com> for more details.

About the University

Rajasthan University of Health Sciences (RUHS), Jaipur was established under the Act of State Government "The Rajasthan University of Health Sciences Act, 2005" (Act No. 1 of 2005) on 25th day of February, 2005. The University aims to disseminate and advance knowledge in medical and health sciences. The University provides academic and research facilities in various streams to the students studying in various Government Colleges (Medical, Dental, Nursing, Pharmacy and Paramedical) and private colleges/institutions affiliated to this University. RUHS is committed to improve the health of individuals and population by enhancing the quality of life and serving community through the best of clinical care, innovation of knowledge and scientific discovery. It aims at developing the education of health professionals who can apply and communicate their knowledge for the well being of the community and inculcate responsiveness towards health need at local, national and international levels. Kindly visit <https://ruhsraj.org> for more details.

About Association of Pharmacy Professionals (APP)

APP is a unique organization of more than 1850 dedicated professionals willing to serve pharmacy profession in dynamic which involves people from various arena including students, teachers, researchers, scientists as well as industry professionals. APP is continuously gaining attention among pharmacy community of India and abroad.

APP actually aids in extending the knowledge and facilities of several technical institutes, industries as well as health sectors to the remote areas where the service and live functionality of pharmacy profession is the real want.

This humble act might be in the form of academic, research or health related activities. The association is also aware about and share the responsibilities of professionals towards the community and social liabilities. The APP also accesses the availability of expertise when it needs and ensures that the systematic teaching learning activities not only occurs but also reach to the common knowledge development system by acting as source of fulfilment in case of any need.

Role of 'Association of Pharmacy Professionals' is also to think of betterment of the community, society and also to involve young generation to lead them to run the new era of pharmacy and related disciplines under the blessings and guidance of previous generation. We assure the dedicated and wholehearted efforts of our resources and abilities to push the pharmacy profession in all ways. Let us hope and work for making APP more visible at every forefront of scientific, academic and research fields. May the kind cause and wisdom of APP reach many places, many people all over India and abroad and enlighten the name of profession beyond the boundaries globally.

INTERNATIONAL BRANCHES

- ✂ APP Ethiopian International Branch
- ✂ APP Australian International Branch
- ✂ APP West Indies International Branch
- ✂ APP Switzerland International Branch
- ✂ APP Japanese International Branch
- ✂ APP Brazilian International Branch
- ✂ APP Malaysian International Branch
- ✂ APP American International Branch
- ✂ APP Canadian International Branch
- ✂ APP Italian International Branch

NATIONAL STATE BRANCHES

- ✂ APP Andhra Pradesh State Branch
- ✂ APP Delhi State Branch
- ✂ APP Gujarat State Branch
- ✂ APP Haryana State Branch
- ✂ APP Karnataka State Branch
- ✂ APP Madhya Pradesh State Branch
- ✂ APP Uttarakhand State Branch
- ✂ APP Kerala State Branch
- ✂ APP Maharashtra State Branch
- ✂ APP Punjab State Branch
- ✂ APP Rajasthan State Branch
- ✂ APP Tamilnadu State Branch
- ✂ APP Telangana State Branch
- ✂ APP Uttar Pradesh State Branch
- ✂ APP Odisha State Branch

DIVISIONS

- ✂ APP IP-DRA Division
- ✂ APP CCP Division
- ✂ APP BioTech Division
- ✂ APP PharmEdu HealthCare Manag Division
- ✂ APP AnalChem Division
- ✂ APP MolPharm Division
- ✂ APP Drug Design MedChem Division
- ✂ APP NatProd R&D Division

LOCAL BRANCHES

- ✂ APP Trichy Local Branch
- ✂ APP Hyderabad Local Branch

APP Awards

Applications are invited for following awards for this conference:

1. Best B.Pharm (I-IV Year) Student Award (for outstanding academic achievements – male & female)
2. Best M.Pharm (each branch) Student Award (for outstanding academic achievements - male & female)
3. Best Pharm.D (I-V Year) Student Award (for outstanding academic achievements - male & female)
4. Best Pharm.D (PB) (I-II Year) Student Award (for outstanding academic achievements – male & female)
5. Best D.Pharm (I-II Year) Student Award (for outstanding academic achievements – male & female)
5. Best Research Scholar Award (for outstanding Ph.D Scholar)
6. Best Teacher Award (for outstanding teaching - male & female)
7. Best Researcher award (for outstanding research)
8. Best Achiever Award (for outstanding teaching & research)
9. Best Pharmacist Award (for outstanding public service)
10. Best Performer Award (for overall outstanding activities-student)
11. Best Talent Award (for overall outstanding activities-staff)



Award will include an online certificate and news will publish in APP newsmagazine. Every selected awardee must join APP as a life member. Membership forms & fees can be online deposited at APP account. Scanned copy of the duly filled APP membership form can be emailed to 'presidentapp11@gmail.com' with good quality photo & APP life membership fee of Rs 2000/- (+ Rs 50/- as bank transfer charges) can be e-transferred of at: **Beneficiary Name: ASSOCIATION OF PHARMACY PROFESSIONALS SMITI; Beneficiary Bank: State Bank of India; Beneficiary Branch: HET Bhopal, Madhya Pradesh; Beneficiary A/c No.: 32005591455; IFSC Code: SBIN0000519.**

Key Speakers



PROF. MICHAEL A. REPKA

Director, Pii Center for Pharmaceutical Technology
Research Institute of Pharmaceutical Sciences
School of Pharmacy, University of Mississippi
Oxford, Mississippi, USA



DR. KAMAL DUA

President, APP Australian International Branch
Discipline of Pharmacy, Graduate School of Health
University of Technology Sydney
New South Wales, Australia



DR. VETRISELVAN SUBRAMANIYAN

Vice President, APP Malaysian International Branch
Department of Pharmacology, Jeffrey Cheah School of Medicine
and Health Sciences, Monash University, Malaysia



Key Speakers



DR. SUNITA DAHIYA

General Secretary APP

Department of Pharmaceutical Sciences, School of Pharmacy
University of Puerto Rico, San Juan, PR



PROF. GAURAV GUPTA

National Coordinator, APP MolPharm Division

Department of Pharmacology, School of Pharmacy
Suresh Gyan Vihar University, Jaipur, Rajasthan



PROF. ASHISH P. SHAH

Department of Pharmacy, Sumandeep Vidyapeeth
Deemed to be University, Piparia
Waghodia, Vadodara, Gujarat



e-Oral/Poster Presentations

You are invited for e-oral/poster presentations of research papers/review articles. Three best orations/posters will be awarded with certificate. Only research paper abstracts (250 words) will be considered for presentation as e-oration by PhD holders/PhD scholars on/before December 09, 2023 at conferenceapp11@gmail.com, the winner of e-oration competition will lead to APP Memorial Award "Young Researcher Award 2023" with award prize. APP life membership will be necessary for this award although non-members can participate in the competition.

Topics

Pharmacology and drug design, nano drug delivery systems, bioavailability enhancement, bioavailability and bioequivalence studies, pharmacokinetics of novel drug delivery systems, natural product studies and medicinal chemistry, pharmacovigilance, pharmacology etc.

Registration

Registration fee is Rs 400/- (for students); Rs 500/- (for scholars & teaching staff); US\$ 100/- (for foreign participants) including participation/presenting certificate. Registrations can be done on or before 13th December, 2023 via online transfer or in cash.

Important Dates

Last date for submission of oration/poster abstract: **12th December, 2023**

Last date for registration: **13th December, 2023.**

For any query, kindly contact the Convener:

☎ 8696006739 (Prof. Vandana Sharma); E-mail: vanu4amit@gmail.com

Programme Schedule (Day 1 - virtual)

15th December, 2023 (Friday)



Welcome Speech

Prof. Vandana Sharma

09.00 AM

Principal, Arya College of Pharmacy
Kukas, Jaipur, Rajasthan

Objective of the Conference

Prof. Rajiv Dahiya

09.05 AM

Founder President, APP
Former Director, School of Pharmacy
The University of the West Indies, Trinidad & Tobago

Inauguration Remarks & Opening of Scientific Session

Prof. Alekha K. Dash

09.10 AM

Associate Dean (Research), School of Pharmacy and Health Professions
Creighton University, Omaha, Nebraska, USA

Prof. B. N. Suhagia

09.15 AM

Research Director & Former Dean, Faculty of Pharmacy
Dharmsinh Desai University, Nadiad, Gujarat

Dr. Sachin Dubey

09.20 AM

Director, Analytical and Formulation Sciences
KBI Biopharma, Plan-les-Ouates, Geneva, Switzerland

Invited Lectures

Session 1

Prof. Michael A. Repka

09:25 - 10:15 AM

University of Mississippi, Oxford, Mississippi, USA

Dr. Kamal Dua

10:20 - 11:10 AM

University of Technology Sydney, NSW, Australia

Dr. Vetrivelvan Subramaniyan

11.15 - 12:05 PM

Monash University, Selangor, Malaysia

Dr. Sunita Dahiya

12:10 - 01:00 PM

University of Puerto Rico, San Juan, Puerto Rico

Session 1 Chairpersons

Prof. Piyush Mittal (Teerthanker Mahaveer University, Moradabad, Uttar Pradesh)

Prof. Subas Chandra Dinda (The Neotia University, Kolkata, West Bengal)

Prof. P. Shanmugasundaram (Vels Deemed to be University, Chennai, Tamil Nadu)

Prof. Somnath De (St. Pauls College of Pharmacy, Turkayamjal, Ranga Reddy, Telangana)

LUNCH

01:10 - 02:00 PM

Session 2

e-Oration Session

02:00 - 03:30 PM

Awards announcement

03.30 - 04:30 PM

Programme Schedule (Day 2 - face to face)

16th December, 2023 (Saturday)



Welcome Speech

Dr. Arvind Agarwal

President, Arya Group of Colleges
Kukas, Jaipur, Rajasthan

10.30 AM

Inauguration Remarks

Dr. Puja Agarwal

Vice President, Arya Group of Colleges
Kukas, Jaipur, Rajasthan

10.40 AM

Opening of Scientific Session

Prof. G. Jeyabalan

Guest of Honor & Principal, Alwar Pharmacy College, Alwar, Rajasthan
Ex-Dean, Faculty of Pharmacy, Rajasthan University of Health Sciences, Jaipur, Rajasthan

10.50 AM

Invited Lectures

Session 3

Prof. Ashish P. Shah

Sumandeep Vidyapeeth deemed to be University
Waghodia, Vadodara, Gujarat

11:00 - 11:50 AM

Prof. Gaurav Gupta

Suresh Gyan Vihar University, Jaipur, Rajasthan

12:00 - 12:50 PM

Session 3 Chairpersons

Dr. Saurabh Kumar Banerjee (Dean, School of Pharm. Management, The IIHMR University, Jaipur)

Dr. Mukesh Sharma (Professor, Arya College of Pharmacy, Jaipur, Rajasthan)

LUNCH

01:00 - 02:00 PM

Session 4

Poster Session

02:00 - 03:30 PM

Valedictory Function

03:30 - 04:25 PM

Closing Remarks & Vote of Thanks

Prof. Vandana Sharma

Principal, Arya College of Pharmacy
Kukas, Jaipur, Rajasthan

04.30 PM