



JSS College of Pharmacy

Rocklands, Ooty

&

ASSOCIATION OF PHARMACY PROFESSIONALS

West Indies International Branch & Tamil Nadu State Branch

in collaboration with

APP MolPharm Division



“APP 8th Annual Convention 4th Indo-US conference”

Theme: Research and innovation in Pharmaceutical Sciences: Progress and problems

24th - 25th July 2019

A REPORT ON 4th Indo-US CONFERENCE

This report provides a summary of the two days international conference on “Research and Innovation in Pharmaceutical Sciences: Progress and Problems” (RIPSPP-2019) which was sponsored by Association of Pharmacy Professional, West Indies international branch & Tamil Nadu state branch in collaboration with APP MolPharm division, hosted by JSS College of Pharmacy, Ooty, was held at JSS College of Pharmacy, Ooty from 24th to 25th July 2019.

The Inaugural ceremony of RIPSPP-2019 was held between 10.00-10.45 AM on 24th July 2019. **Dr. S. P. Dhanabal**, Principal, JSS College of Pharmacy, Ooty, welcomed the gathering. The international seminar was inaugurated in a traditional manner by lighting the lamp by the dignitaries. **Dr. N. Jawahar**, Organizing Secretary, RIPSPP-2019, gave introductory remarks about the two days program. He elaborated in detail about the various scientific sessions, its usefulness and application of the scientific sessions to the participants. The conference proceedings and CD abstract were released by the dignitaries. **Prof. K. Chinnaswamy**, President, Indian Association of Colleges of Pharmacy, was the chief guest for the inaugural function. **Dr. Rajiv Dahiya**, Founder & President, Association of Pharmacy Professionals, was presiding over the function, in his presidential address he spoke about the importance of the research and its innovations. He quoted that they are the need of the day. Dr. Rajiv Dahiya also distributed APP awards to the achievers in different

areas for the academicians, researchers and students. He also requested the participants to effectively utilize the opportunities and update themselves in their relative fields.

After the inaugural ceremony, the scientific sessions were started. The seminar was organized with five scientific sessions, entitled

- Scientific session I
- Scientific session II
- Scientific session III (E-Poster presentation)
- Scientific session IV
- Scientific session V

Under each session, numbers of experts have provided updated knowledge in the field of pharmaceutical sciences in their presentations. These were then followed by discussions, mediated by the chair and co-chairs.

SCIENTIFIC SESSION I

Dr. Sunitha Dahiya, Assistant Professor, University of Puerto Rico, San Juan, USA, delivered lecture on “structural elucidation and pharmacokinetics of drug cyclodextrin complexes”. She summarized about the formulation development of ternary systems using parent cyclodextrin and/or their derivatives with auxiliary polymers.

After her session, **Dr. Gaurav Gupta**, Associate Professor, Suresh Gyan Vihar University Jaipur, Rajasthan, India, delivered a talk on “current trend of 3D printing in pharmaceutical research: Recent achievements and challenges”. He emphasized on the Innovative Strategies in Pharmaceutical Education and Research.

The session was then followed by discussions, mediated by the co-chairs **Dr. N.Krishnaveni**, Professor & Head, Department of Pharmaceutical Analysis, JSS College of Pharmacy, Ooty, and **Dr. K.Gowthamarajan**, Professor & Head, Department of Pharmaceutics, JSS College of Pharmacy, Ooty.

SCIENTIFIC SESSION II

In the afternoon session-II, **Dr. Pran Kishore Deb**, Assistant Professor, faculty of Pharmacy, Philadelphia University, Jordan, delivered a lecture on "Design, Synthesis and molecular modeling studies of novel 2,4-substituted-thieno[2,3-d]pyrimidines as adenosine receptor antagonists". The lecture covered briefly about the *in silico* studies of 2,4-substituted-thieno[2,3-d]pyrimidines. The talk also reflected on the challenges faced in design of chemical entities as adenosine receptor antagonists.

After his session, **Dr. Rajiv Dahiya**, Director, School of Pharmacy, The University of the West Indies, Trinidad & Tobago, delivered a talk on "Chemistry and pharmacology of complex cyclooligopeptides". The talk was reflected on the challenges of development of cyclooligopeptides.

The **session II** was mediated by the co-chairs **Dr. T.K.Gopal**, Professor & Head, Department of Pharmacognosy, Sri Ramachandra institute of Higher Education & research, Chennai, and **Dr.B.Duraiswamy**, Professor & Head, Department of Phytopharmacy & Pharmacognosy, JSS College of Pharmacy, Ooty.

SCIENTIFIC SESSION III (e-poster presentation)

The e-Poster session was proceeded sharply at 3.45 PM under four different fields such as Pharmaceutics-I (Venue: Auditorium), Pharmaceutics-II (Venue: F.H.Dost's Lab), Pharmacy Practice (F.H.Dost's Lab), and drug discovery (Jack-Kilby's Lab). About fifty abstracts have been received under the above said fields.

Each e-poster session was evaluated by two poster evaluators from both academic & research backgrounds.

The details of the external evaluators for the e-posters are as follows,

S.NO.	FIELD OF PRESENTATION	NO. OF PRESENTERS	DETAILS OF EVALUATORS	NAME & TOPIC OF THE BEST POSTER WINNERS
1	Pharmaceutics-I (Auditorium)	16	1. Dr. Shanmuga Sundaram, Director, School of Pharmaceutical Sciences, Vel's University, Pallavaram, Tamilnadu. 2. Dr. G.N.K. Ganesh, Assistant Professor, Department of Pharmaceutics, JSS College of Pharmacy, Ooty.	1. Ms. Nethravathy, research Scholar, JSS college of Pharmacy, Ooty. 2. Ms. Cisma, KMCH College of Pharmacy, Coimbatore. 3. Ms. Priyanka, C.L. Baid Mehta College of Pharmacy, Chennai.
2	Pharmaceutics-II & Pharmacy Practice (F.H. Dost's Lab)	12	Dr. P. Selvamani, Associate Professor, University College of Engineering Anna University BIT Campus Tiruchirappalli. & Dr. Gaurav Gupta, Associate Professor, Suresh Gyan Vihar University Jaipur, Rajasthan.	1. Ann Lydia Gomez, JSS College of Pharmacy, Ooty 2. Ms. Sai Vaishnavi Marri Laxman Reddy institute of Pharmacy, Hyderabad.
3	Drug Discovery (Jack Kilby's Lab)	11	Dr. Pran Kishore Deb, Assistant Professor, faculty of Pharmacy, Philadelphia University, Jordan & Dr. R. Kalirajan Assistant Professor JSS college of Pharmacy, Ooty.	1. Ms. Mythri, Sri Ramachandra institute of higher education & research, Chennai

The scientific session ended up with the poster presentations at **5.30 PM**.

SCIENTIFIC SESSION IV

On the second day, 25th July, **Dr. P. Selvamani, Associate Professor,** University College of Engineering, Anna University BIT Campus Tiruchirappalli, delivered a talk on "Metabolomics and personalized medicine". He summarized on the fundamentals of clinical metabolomics and its applications towards personalized medicine.

After his session, **Prof. P. Shanmuga Sundaram,** Director, School of Pharmaceutical Sciences, Vel's University, Pallavaram, Tamilnadu, delivered a talk on "Mucoadhesive buccal films for the treatment of oral potentially malignant disorders (OPMD)". His talk was focused on the antioxidants role in treatment of oral potentially malignant disorders by using buccal mucoadhesive films.

SCIENTIFIC SESSION V

Dr. M. Suresh Kumar, Professor & Research Director Coordinator, TIFAC CORE Herbal Drugs JSS College of Pharmacy, Ooty, delivered a scientific talk on "Somebody watching you! Do's and Don'ts with research data". The objective of his talk is to provide an overview on the scientific misconduct, supported with case studies and evidences.

The **session IV and V** was moderated by the co-chairs **Dr. P.R. Anand Vijayakumar**, Professor, JSS College of Pharmacy, Ooty and **Dr. V. Senthil**, Professor, Department of Pharmaceutics, JSS College of Pharmacy, Ooty.

A course material related to the seminar containing nearly 90 pages of information and an abstract CD was distributed to the participants. Overall, the seminar covered many advanced topics on Pharmaceutical sciences. The participants have also actively interacted in each session.

The Valedictory function of RIPSPP-2017 was held between 12.45-1.15 PM on 25th July 2019. **Dr. S.P.Dhanabal**, Convener of the seminar, welcomed the gathering. **Dr.N.Jawahar, organizing secretary, RIPSPP-2019**, read the report of the seminar. The participants were asked to give their feedbacks about the seminar. All the participants felt that the seminar was useful. The best e-poster awards were announced and the guests **Prof.K.Chinnaswamy**, President, Indian Association of Colleges of Pharmacy, **Prof. P. Shanmuga Sundaram**, and **Dr. P.Selvamani**, have distributed the best poster awards to the awardees. **Dr. K.Gowthamarajan**, Professor & Head, Department of Pharmaceutics, JSS College of Pharmacy, Ooty, proposed the vote of thanks.

More than two hundred and fifty participants have attended the RIPSPP-2019 and had expressed the benefits accrued, due to the programme. They conveyed that more such programs should be conducted to offer PG students, research scholars, teachers, pharmacists, pharmacy professionals and others involved in pharmaceutical research. The participants departed happily from the institute after the valedictory ceremony.

Convener

Dr. S.P.Dhanabal

Principal

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