

ASSOCIATION NEWS



Association of Pharmacy Professionals (APP) Madhya Pradesh State Branch and APP Industrial Pharmacy and Drug Regulatory Affairs (IP-DRA) Division organized **1st Indo-Swiss Conference on 'Industry-Academia Interaction: Global Issues and Concerns'** on 15th April, 2017 at Department of Chemistry and Pharmacy, Rani Durgavati University, Jabalpur, Madhya Pradesh, India. During conference, Prof. Kapil Deo Mishra, Vice Chancellor, Rani Durgavati University, Jabalpur, Madhya Pradesh acted as 'Chief Patron'; Prof. Ram Charitra Maurya, Head, Department of Chemistry and Pharmacy, Rani Durgavati University, Jabalpur, Madhya Pradesh acted as 'Convener'; Dr. Sunita Dahiya, General Secretary, Association of Pharmacy Professionals and Dr. Sushil Kumar Kashaw, Secretary, APP Madhya Pradesh State Branch acted as 'Co-conveners'; Dr. Rajiv Dahiya, Director, School of Pharmacy, Faculty of Medical Sciences, The University of the West Indies, Trinidad and Tobago acted as 'Organizing Chairman' and Dr. Suresh V. Chennupati, Associate Professor, Department of Pharmacy, College of Medical and Health Sciences, Wollega University, Nekemte, Federation Democratic Republic of Ethiopia acted as 'Scientific Committee Chairman' in absentia; Mohd. Washid Khan from Department of Chemistry and Pharmacy, Rani Durgavati University, Jabalpur as 'Joint Organizing Secretary'.

Scientific session was initiated with lecture of Dr. Sachin Dubey, Head of Formulation and Analytical Development, Glenmark Pharmaceuticals, Switzerland and International Head, APP IP-DRA Division, who addressed the gathering on 'Translating University Learning to Industrial Assets'. Dr. Dubey told that productive interface between academia and industry, is a critical requirement in a dynamic economy. Apart

from the traditional disciplines including pharmaceutical engineering, chemistry, biotechnology, biochemistry, clinical sciences, quality control, regulatory affairs, another area which is becoming even more important is translational science where experimental proof of concept and mechanism of action is established.

Scientific session was continued with lecture of Dr. Gaurav Gupta from School of Pharmaceutical Sciences, Jaipur National University, Jagatpura, Jaipur, Rajasthan, who focused on 'Application of Green Chemistry in Pharmaceutical Industry'. Dr. Gupta told that green chemistry is a tool, which when implemented right, can help the industry achieve its environmental goals. Broadly defined as the design of chemical products and processes that reduce or eliminate the use and generation of hazardous substances, green chemistry allows companies to develop better products through sustainable processes. The wide range of applications of green chemistry includes uses in the pharmaceutical industry, as well as novel approaches that reduce or eliminate the use of solvents, or render them safer and more efficient. An important development in green chemistry is the trend toward redesigning chemical products to reduce their hazard.

Scientific session was terminated with lecture of Prof. R. C. Maurya, Head, Department of Chemistry and Pharmacy, Rani Durgavati University, Jabalpur, Madhya Pradesh on 'Materials Based on NO, CO and H₂S, the Three Toxic Gases as well as Physiological Gasotransmitters as Metallopharmaceuticals of Medicinal Relevance: Conjoint Experimental and DFT Characterization'. Prof. Maurya told that the burgeoning literature on three gases NO, CO and H₂S are now classified as gasotransmitters and possess major implications in therapeutics. Nevertheless, all are known to be toxic gases, but at tiny concentrations in human and cell biology play key signaling and regulatory functions.

Further, lectures were followed by different oral presentations by staff/students of RDU and other pharmacy colleges. During the valedictory function, Prof. R. C. Maurya was honored with 'APP Outstanding Achievement Award 2017' for his vital achievements throughout the life, by the International Head,

ASSOCIATION NEWS

APP Industrial Pharmacy & Drug Regulatory Affair Division. Moreover, Dr. Gaurav Gupta was felicitated with 'APP Innovative Researcher Award 2017' by the International Head, APP Industrial Pharmacy & Drug Regulatory Affair Division. At the end, Prof. Kapil Deo Mishra, Vice Chancellor, Rani Durgavati University, Jabalpur, Madhya Pradesh was conferred with 'APP Appreciation Award 2017' for allowing the Association of Pharmacy Professionals to organize the Indo-Swiss conference at the beautiful campus of the Rani Durgavati University, Jabalpur, Madhya Pradesh, India.



Association of Pharmacy Professionals (APP) Analytical Chemistry (AnalChem) Division and Andhra Pradesh State Branch organized **3rd Indo-Gulf Conference on 'Recent Breakthroughs in Nanotechnology and Nanomedicine'** on 5th August, 2017 at A. M. Reddy Memorial College of Pharmacy, Narasaraopet, Guntur, Andhra Pradesh. During this conference, Prof. K.R.S. Sambasiva Rao, Rector, Acharya Nagarjuna University, Guntur, Andhra Pradesh acted as 'Chief Guest'; Dr. Rajiv Dahiya, Director, School of Pharmacy, Faculty of Medical Sciences, The University of the West Indies, St. Augustine, Trinidad & Tobago acted as 'Organizing Chairman' in absentia; Smt. Atluri Santhi, Secretary, A. M. Reddy Memorial College of Pharmacy, Narasaraopet, Andhra Pradesh acted as 'Chief Patron'; Dr. A.M.S. Sudhakar Babu, Principal, A. M. Reddy Memorial College of Pharmacy, Narasaraopet, Andhra Pradesh acted as 'Convener'; Dr. R. Jothi Ramalingam, Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, Kingdom of Saudi Arabia acted as 'Guest of Honor'; Dr. Suresh V. Chennupati, President APP, Andhra Pradesh State Branch; Vice President, APP Ethiopian International Branch from Department of Pharmacy, College of Medical and Health Sciences, Wollega University, Ethiopia acted

as 'Co-convener'; Dr. Sunita Dahiya, Assistant Professor, Department of Pharmaceutical Sciences, School of Pharmacy, University of Puerto Rico, San Juan, PR, USA acted as 'Co-convener' in absentia and Dr. Gaurav Gupta, Associate Professor, Department of Pharmacology, School of Pharmaceutical Sciences, Jaipur National University, Jaipur, Rajasthan as 'Scientific Committee Chairman'.

Scientific session was initiated with keynote lecture of Dr. R. Jothi Ramalingam from King Saud University, Kingdom of Saudi Arabia, who addressed the gathering on 'Nanoparticle Cultivation and Biogenic Silver Nanoparticle Characterization for Various Biotechnology Applications'. Dr. Jothi discussed that lot of research carried out in the field of drug delivery to human body by nanoparticle assisted drug delivery and main advantage of using nanoparticles for drug delivery is the specific delivery of drug in the targeted organ without affecting the non-targeted organs. He explained that coming year's advancements in this field will led to an improved form of drug delivery as well as other prospects of medicine and pharmacy. Scientific session was continued with lecture of Dr. Prabhakar Reddy Veerareddy, Principal, Department of Pharmacy, Palamuru University, Mahabubnagar, Telangana and President, APTI Telangana State Branch, on the topic 'Applications and Implications of Nanotechnology'. Dr. Prabhakar emphasized on the fact that 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. Further, he discussed that the nanocrystal technology enables formulations to be developed without the need of toxic surfactants. Scientific session was ended with lecture of Dr. Sailendra Kumar Mahanta, Associate Professor, Department of Pharmacology, A.M. Reddy Memorial college of Pharmacy, Narasaraopet on the topic 'Protein Nanoparticles for Breast Cancer Therapy'. Dr. Mahanta told that research activity of developed protein nanoparticles of bovine alpha lactalbumin and hen egg white lysozyme shows therapeutic activity against breast cancer cells such as MCF-7 and MDAMB-231.

ASSOCIATION NEWS

Event was witnessed by all the faculty members of A.M. Reddy Memorial College of Pharmacy, Narasaraopet and attended by 350 delegates. Further, e-posters were presented by more than 175 delegates all over the state. Scientific Sessions were chaired by Dr. J.N.S. Suresh Kumar, Principal, Narasaraopet Institute of Pharmaceutical Sciences, Yellamanda, Narasaraopet; Dr. M. Prasad, Principal, MAM Pharmacy College, Narasaraopet and Dr. Prasad Rao, Principal, Siddhartha Institute of Pharmaceutical Sciences, Jonnalagadda, Andhra Pradesh. After their lectures, all the speakers were felicitated with 'Certificates of Appreciation'. Further, Dr. A.M.S. Sudhakar Babu, principal of the hosting college was honored with APP life membership certificate together with two other faculties.

During the valedictory function, prizes for e-posters were distributed. Mr. K. Satish Kumar from Acharya Nagarjuna University, Guntur bagged '1st prize' on the topic 'Polymeric Nanoparticles'. Mr. M. Satish Babu from D.C.R.M. Pharmacy College, Inkollu and Ms. Jonnala Harshita from A.M. Reddy Memorial College of Pharmacy, Narasaraopet bagged '2nd prize' and Ms. Anusha Nutakki from Acharya Nagarjuna University, Guntur and Ms. Annapureddy Parvathi from A.M. Reddy Memorial College of Pharmacy, Narasaraopet bagged '3rd Prizes'. Programme ended with patriotic song by students of the hosting college.

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Association of Pharmacy Professionals (APP) Punjab State Branch and G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana, Punjab jointly organized **IKG PTU Sponsored National Conference on 'Challenges and Future Vision in Phytomedicines - An Alternative to Future Medicine'** on September 22, 2017 at G.H.G. Khalsa college

campus. Event was witnessed by S. Manjit Singh Gill, President, Governing Council, G.H.G. Khalsa Colleges, Gurusar Sadhar, Ludhiana as 'Patron'; Prof. Ramesh K. Goyal, Vice Chancellor, Delhi Pharmaceutical Sciences and Research University (DPSRU), Puspvihar, New Delhias 'Chief Guest'; Prof. Vijay Kumar Kapoor, Ex-Dean, Faculty of Pharmaceutical Sciences, Panjab University, Chandigarh as 'Guest of Honor'; Prof. Satvinder Kaur, President, APP Punjab State Branch and Principal, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar as 'Convener'; Dr. Rajiv Dahiya, President APP and Director, School of Pharmacy, Faculty of Medical Sciences, The University of the West Indies, Trinidad & Tobago as 'Organizing Chairman' in absentia.

Programme started with release of conference CD by the chief guest, invited speakers and Presidents of APP Haryana and Punjab State Branches. Scientific session of the conference was initiated with key note address by Prof. R.K. Goyal, Vice Chancellor, DPSRU, New Delhi. This was followed by informative lectures of pharmaceutical experts like Prof. Saurabh Dahiya, President, APP Haryana State Branch and Head, Department of Pharmacy, Lingaya's University, Faridabad, Haryana on 'Heavy Metal Poisoning and the Phytomedicinal Context' and Dr. Gulshan Bansal, Assistant Professor, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala, Punjab on 'Shelf Life Issues, Challenges and Test Parameters for Phytomedicines'.

During the valedictory function, S. Manjit Singh Gill, President, Governing Council, G.H.G. Khalsa Colleges and Dr. Satvinder Kaur, President, APP Punjab State Branch were conferred with 'APP Appreciation Awards'. All the invited speakers of the scientific event were honored with 'Certificate of Appreciations'. Further, Prof. Ramesh K. Goyal, Vice Chancellor, Delhi Pharmaceutical Sciences and Research University (DPSRU), Puspvihar, New Delhi was conferred with 'APP Life Time Achievement Award 2017' by Prof. Saurabh Dahiya, President, APP Haryana State Branch and Prof. Satvinder Kaur, President, APP Punjab State Branch during conference. At the end, awards were distributed to poster presentees in diverse pharmaceutical sections. Programme

ASSOCIATION NEWS

ended with vote of thanks by Mrs. Komalpreet Kaur, Secretary, APP Punjab State Branch.



Association of Pharmacy Professionals (APP) Maharashtra State Branch organized a one-day **National Conference on "Modern Trends in Pharmaceutical Drug Design and Related Medicinal Chemistry Aspects"** on 3rd November 2017 at Shri Dhaneshwari Manav Vikas Mandal's S.V.P. College of Pharmacy, Hingoli, Maharashtra, in collaboration with APP Drug Design and MedChem Division.

During this scientific conference, Dr. V. K. Patil, Chairman, S.V.P. College of Pharmacy, Hatta, Basmat, Hingoli, Maharashtra acted as 'Chief Patron'; Dr. Rajiv Dahiya, Founder President APP and Director, School of Pharmacy, Faculty of Medical Sciences, The University of the West Indies, St. Augustine, Trinidad & Tobago acted as 'Convener'; Dr. Mrunal K. Shirsat, Principal, S.V.P. College of Pharmacy, Hingoli acted as 'Organizing Secretary'; Mohd. Rageed Mohd. Usman, President, APP Maharashtra State Branch from Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda, Maharashtra acted as 'Co-convener'; Dr. Sunita Dahiya, General Secretary APP and Professor Adjunct, School of Pharmacy, Department of Pharmaceutical Sciences, University of Puerto Rico, San Juan, Puerto Rico acted as 'Scientific Committee Chairman'; Dr. Rita Mourya, Joint Secretary, APP Ethiopian International Branch from School of Pharmacy, College of Medicine and Health Sciences, University of Gondar, Gondar, Ethiopia acted as 'Scientific Committee Co-chairman' and Mrs. Attal VR, Principal, S.B.N.M. College of Pharmacy, Hingoli acted as 'Chief Co-ordinator' of the event.

Programme started with release of the conference proceedings by the guests and speakers. Scientific session of

the conference was enriched with invited lectures of Dr. Alka Agarwal, National Head, APP Drug Design & MedChem Division and Principal, U.S. Ostwal Institute of Pharmacy, Mangalwad, Chittorgarh, Rajasthan and Dr. Gunjan Jadon, National Coordinator, APP Drug Design & MedChem Division and Associate Professor, Shrinathji Institute of Pharmacy, Nathdwara, Rajasthan on topics of pharmaceutical interest like CoMFA-3D QSAR Approach in Drug Design and Computer-Aided Drug Design: An Innovative Tool for Modeling.



For her vital academic outputs, Dr. Alka Agarwal, Principal, U. S. Ostwal Institute of Pharmacy, Mangalwad, Chittorgarh, Rajasthan was conferred with 'APP Young Talent Award 2017' by the President, APP Maharashtra State Branch and Chairman, S.V.P. College of Pharmacy, Hatta, Hingoli. Further, all the invited speakers of the scientific event were honored with 'Certificates of Appreciation'. This was followed by felicitation of the Principal and Chairman of the hosting institute with 'APP Appreciation Awards'.



During the valedictory function, best poster awards were given to Mohd. Zakiuddin on 'Antihypertensive drugs', Mr. Gopal Bhandari on 'Bindi as a novel approach in iodine deficiency', Ms. Pooja Dhale on 'Self emulsifying drug delivery system' and Ms. Vidya Ghandage on 'Prevention of HINI by herbal medicine' from S.V.P. and S.B.N.M. College of Pharmacy, Hatta, Hingoli.

ASSOCIATION NEWS

Maharashtra. Programme ended with distribution of prizes to poster presentees and vote of thanks.



Association of Pharmacy Professionals (APP) Madhya Pradesh State Branch organized **1st Indo-Bangladesh Conference on "Recent Breakthroughs in Pharmaceutical Sciences: Opportunities and Challenges"** on 7th November 2017 at ShriRam College of Pharmacy, Banmore, Madhya Pradesh.

During this scientific conference, Dr. D. K. Dubey, Director, Defence Research and Development Organization, Ministry of Defence, Govt. of India acted as 'Chief Guest'; Shri R. S. Sharma, Chairman, ShriRam Group of Colleges as 'Chief Patron'; Shri Harendra Sharma, Secretary, ShriRam Group of Colleges acted as 'Patron'; Dr. Ajay Sharma, President, APP Madhya Pradesh State Branch and Professor, Department of Pharmacognosy, ShriRam College of Pharmacy, Banmore, Madhya Pradesh acted as 'Convener'; Dr. Vijay Jain, Professor, ShriRam College of Pharmacy, Banmore acted as 'Co-convener'; Dr. Naveen Sharma, Professor, ShriRam College of Pharmacy, Banmore acted as 'Organizing Secretary'; Dr. Rajiv Dahiya, Founder President APP and Director, School of Pharmacy, Faculty of Medical Sciences, The University of the West Indies, St. Augustine, Trinidad and Tobago acted as 'Scientific Committee Chairman'; Dr. H. B. Khurasiya, Group Director, ShriRam Group of Colleges and Dr. Sudhir Bhardwaj, Director (Pharmacy), ShriRam College of Pharmacy, Banmore acted as 'Special Guests'.

Scientific session of the conference was enriched with keynote lectures of Prof. K.H.M. Nazmul Hussain Nazir, Department of Microbiology and Hygiene, Bangladesh Agricultural University,

Mymensingh, Bangladesh; Prof. P.K. Prajapati, Dean, All India Institute of Ayurveda, New Delhi; Dr. Manish Vyas, Associate Professor, School of Pharmaceutical Sciences, Lovely Professional University, Phagwara, Punjab and Dr. Pramod R. Yadav, Department of Rasashastra and Bhaishajya Kalpana, All India Institute of Ayurveda, New Delhi on different topics of pharmaceutical interest like 'Repeated Outbreak of anthrax in developing countries: Epidemiology, prevalence and control', 'Opportunities in Ayurvedic Drug and Therapies', 'Recent Pharmaceutical Developments in Drug Discovery and Development from Natural Products' and 'Challenges in Ayurveda Drug Development'.

Prof. Nazir discussed that effective vaccination program and awareness among people can be implemented for the effective control of anthrax, infection caused by the bacterium *Bacillus anthracis*. Two months of antibiotics like doxycycline or



ciprofloxacin, after exposure can also prevent infection. Prof. Prajapati concluded that the interest of scientists is shifting towards the traditional medicines and their therapies as withdrawal of synthetic drugs is common due to stringent regulatory requirements. Dr. Yadav told that ayurvedic herbs has rich repertoire of new chemical entities for the development of drugs against various pharmacological targets, including cancer.

During valedictory function, Prof. Nazir from Bangladesh Agricultural University was honored with 'APP Young Achiever Award' and Prof. Prajapati from All India Institute of Ayurveda (AIIA) was felicitated with 'APP Appreciation Award'. This particular session was chaired by Dr. R. S. Tomar, Dean, Amity Institute of Biotechnology, Amity University, Gwalior as 'Chief

ASSOCIATION NEWS

Guest'. At the end, student of ITM University, Gwalior, Madhya Pradesh was felicitated with 'Best Poster Award'.

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Association of Pharmacy Professionals (APP) Gujarat State Branch and APP West Indies International Branch jointly organized **5th Indo-West Indies Conference on "Modern Trends in Pharmaceutical Education and Research"** on 10th December 2017 at Indubhai Patel College of Pharmacy and Research Centre (IPCPRC), Dharmaj, Petlad, Anand, Gujarat. During this scientific conference, Dr. Pradeep Kumar Sahu from Centre for Medical Sciences Education (CMSE), Faculty of Medical Sciences, The University of the West Indies, St. Augustine, Trinidad & Tobago acted as 'Chief Guest'; Sh. Jitendra Bhai R. Patel, Chairman, Sanskruti Sanraksha Charitable Trust, Dharmaj acted as 'Chief Patron'; Sh. Devang Bhai Patel, Trustee, Sanskruti Sanraksha Charitable Trust, Dharmaj acted as 'Patron'; Prof. B. N. Suhagia, Dean, Faculty of Pharmacy, DD University, Nadiad, Gujarat acted as 'Organizing Chairman'; Dr. Nehal J. Shah, Principal, IPCPRC, Dharmaj, Anand, Gujarat acted as 'Organizing Secretary'; Dr. Sunita Dahiya, General Secretary APP from School of Pharmacy, University of Puerto Rico, San Juan, Puerto Rico, United States acted as 'Convener'; Dr. Jayvadan K. Patel, President, APP Gujarat State Branch and Principal, Nootan Pharmacy College, Visnagar, Mehsana, Gujarat acted as 'Co-convener'; Dr. Rajiv Dahiya, Founder President APP and Director, School of Pharmacy, Faculty of Medical Sciences, The University of the West Indies, St. Augustine, Trinidad and Tobago acted as 'Scientific Committee Chairman' in absentia and Dr. Mayank Bapna, Associate Professor, Department of Medicinal Chemistry, IPCPRC, Dharmaj, Anand, Gujarat acted as 'Co-ordinator'.

Scientific session of the conference was enriched with keynote lecture of Dr. Pradeep Kumar Sahu, Lecturer (Curriculum Development), Centre for Medical Sciences Education (CMSE), Faculty of Medical Sciences, The University of the West Indies, St. Augustine, Trinidad & Tobago who addressed the gathering on the topic 'Students' Perceptions of Small Group Teaching Effectiveness in Hybrid Curriculum'. Dr. Sahu told that problem based learning is an effective small group teaching method for medical and pharmacy students. Moreover, faculty development and students' training programmes are required before implementing problem based learning (PBL). Another lecture was delivered by Dr. Alka Agarwal, Principal, U. S. Ostwal Institute of Pharmacy, Mangalwad, Chittorgarh, Rajasthan and National Head, APP Drug Design & MedChem Division on the topic 'Novel Methods in Drug Design and Development: Challenges and Success'. Dr. Agarwal was honored with 'APP Fellow Membership 2017' for her overall contribution in the pharmacy profession. Scientific session was terminated with oration by Dr. Gunjan Jadon, Associate Professor, Department of Pharmaceutical Chemistry, Shrinathji Institute of Pharmacy, Nathdwara, Rajasthan and National Coordinator, APP Drug Design & MedChem Division for which she was honored with 'APP Outstanding Oration Award 2017' (Mr. Manas Tripathi Memorial Award) during the conference.

During valedictory function, Prof. Bhanubhai N. Suhagia, Dean, Faculty of Pharmacy, DD University, Nadiad, Gujarat was conferred with 'APP Best Researcher Award 2017' and Dr. C. N. Patel, Principal, Shri Sarvajani Pharmacy College, Mehsana, Gujarat was conferred with 'APP Best Faculty Award 2017'. Also appreciation awards were distributed to chairman and principal of hosting college. Various posters were presented during the conference and best poster prizes were given to Mr. Umang Shah from Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Petlad, Anand; Ms. Ruby Christian from Anand Pharmacy College, Anand and Ms. Inaxi Parmar from Department of Pharmacy, Sumandeep University, Baroda, Gujarat.

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