



VPCI NEWSLETTER

Vallabhbhai Patel Chest Institute

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FROM THE EDITORS DESK

It is with great pleasure that we are presenting the VPCI Newsletter to you for the period July - December 2019.

Many academic programmes were organized at V.P. Chest Institute during this period; 15th Prof. Autar Singh Paintal Memorial Oration, 5th Dr. V.K. Vijayan Oration, Interaction Meet on "No Tobacco Campaign, Constitution Day and Citizens' Duties Campaign, Certificate Course on Pulmonary Rehabilitation", Orientation Programme on NABH Accreditation for VPCI, etc.

The 73rd Independence Day Celebration, Swachha Bharat Abhiyan, Vigilance Awareness Week, VPCI Sports & Cultural Activity were other events held during this period.



The renovated Registration & Waiting Hall at Viswanathan Chest Hospital of VPCI were inaugurated by Prof. V.S. Chauhan, Chairman, Governing Body, VPCI on 16th September 2019.

Prof. Raj Kumar, Director congratulates the VPCI faculty, staff and students on their achievements and wishes them all the very best in all their future endeavours.

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Events and Achievements

73rd Independence Day Celebration (15th August, 2019)

The 73rd Independence Day function was celebrated on 15th August 2019 at the VPCI campus with great fervour. The ceremony was attended by VPCI staff with their family members. **Prof. Raj Kumar, Director VPCI**, hoisted the National flag. He later distributed sweets to all those present as well as indoor admitted patients.



Swachha Bharat Abhiyan Programme on "Swachhata Hi Sewa 2019" (11th September - 2nd October, 2019)

The V.P. Institute observed the Swachha Bharat Abhiyan Programme on "Swachhata Hi Sewa 2019" as a part of the Swachhata Hi Sewa 2019 campaign from 11th September to 2nd October 2019. As a part of the inaugural programme, the renovated Registration & Waiting Hall at Viswanathan Chest Hospital of VPCI were inaugurated by **Prof. V.S. Chauhan**, Chairman, Governing Body, VPCI on 16th September 2019.



Sh. Johar Ali, World renowned Violinist was the Chief Guest of the Programme. **Sh. Vinod Kumar Jindal**, Joint Secretary, Ministry of Housing & Urban Affairs, Govt. of India, New Delhi and **Dr. Manoj Kumar Khanna**, Principal, Ramjas College, University of Delhi, Delhi, were the Guest of Honours of this Programme. **Prof. V.S. Chauhan**, Chairman, Governing Body, VPCI presided over the function. **Prof. Raj Kumar**, Director, VPCI, delivered the welcome address. The programme ended with vote of thanks by **Prof. Mandira Varma Basil**, Dept. of Microbiology, VPCI.



15th Prof. Autar Singh Paintal Memorial Oration (24th September, 2019)

The Institute organised the 15th Prof. Autar Singh Paintal Memorial Oration on 24th September 2019 at the Paintal Memorial Golden Jubilee Auditorium of the Institute. The Oration (titled: “Challenges & Opportunities in Controlling Infectious Diseases in

India”) was delivered by **Prof. V.S. Chauhan**, Chairman, Governing Body, V.P. Chest Institute, Delhi and former Director of International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi. **Sh. Arun Kumar Jha**, Director General, National Productivity Council, an Autonomous organization of Department for Promotion of Industries and Internal Trade, Ministry of Commerce, Govt. of India, New Delhi, was the Chief Guest of the function. **Prof. Anil Kumar Jain**, Principal, University College of Medical Sciences, Delhi and **Prof. C.P. Baveja**, Head, Dept. of Microbiology, Maulana Azad Medical College, New Delhi, were the Guest of Honours of the function. **Prof. Raj Kumar**, Director, VPCI, delivered the welcome address. The programme ended with vote of thanks by **Prof. Anuradha Chowdhary**, Dept. of Microbiology, VPCI.



5th Dr. V.K. Vijayan Oration (24th October, 2019)

The Institute organized 5th V.K. Vijayan Oration on 24th October 2019 at the Pantal Memorial Golden Jubilee Auditorium of the Institute. The Oration (titled: “Bacterial Lysates in Chronic Respiratory Diseases - Personal Experience”) was delivered by **Prof. S.K. Luhadia**, Professor & Head, Department of Respiratory Medicine, Geetanjali Medical College & Hospital, Udaipur, Rajasthan. **Prof. Mahesh Verma**, Vice Chancellor, Guru Gobind Singh Indraprastha University, New Delhi was the Chief Guest and **Prof. Arun K. Pandey**, Vice Chancellor, Mansarovar Global University, Madhya Pradesh, was the Guest of Honour of this event.



Vigilance Awareness Week-2019 (28th October – 2nd November 2019)

The **Vigilance Awareness Week** was observed from 28th October – 2nd November 2019. **Prof. Raj Kumar**, Director administered the “**Integrity Pledge**” (in Hindi and English) to the staff members of the Institute on 28th October 2019 at VPCI. Several banners on Vigilance Awareness Week were put at all entry gates and display boards of the Institute.

Interaction Meet on "No Tobacco Campaign" (13th November 2019)

The Institute conducted an interaction meeting on “**No Tobacco Campaign**” on 13th November 2019 at the Paintal Memorial Golden Jubilee Auditorium. **Prof. Raj Kumar**, Director, VPCI gave a presentation on “**No Tobacco Campaign**”. The Meeting was also addressed by **Ms. Pooja Gupta**, Consultant (National Tobacco Control Programme), Ministry of Health & Family Welfare, Government of India, and **Sh. Johar Ali**, spoke on various aspects of government tobacco control programmes. The Meeting ended with an interaction meet of Leaders of Educational institutions.





Constitution Day and Citizens' Duties Campaign (26th November 2019)

The Institute observed the **Constitution Day and Citizens' Duties Campaign** Programme on 26th November 2019 at the main entrance (Gate No. 1), VPCI. **Prof. Raj Kumar**, Director, VPCI addressed the gathering with a brief speech about the evolution, contribution and the importance of Indian Constitution. He also spoke about the details on Fundamental Duties. The Staff members, who gathered on this occasion, read out the Preamble to the Constitution and Fundamental Duties in the Constitution with the Director of the Institute.



Certificate Course on Pulmonary Rehabilitation (8th - 9th December 2019)

Pulmonary rehabilitation is the standard of care for the patients with chronic lung diseases and has significantly evolved over the past several decades. A paucity of dedicated and structured Pulmonary Rehabilitation training programmes exists in India. Therefore a two days, 'Certificate Course on Pulmonary Rehabilitation' was organized by VPCI on 8th & 9th December, 2019 with the aim of sensitizing and developing understanding among pulmonologists about the concept, benefits and components of Pulmonary Rehabilitation programme in the management of chronic respiratory disease patients. This certificate course was formally inaugurated by **Prof. V. S. Chauhan**, Governing Body Chairman, VPCI. The course was attended by twenty five pulmonologists, from different states of India. During the programme, a Course Manual, Compilation of International Society Guidelines related to Pulmonary Rehabilitation and a DVD containing the entire Course content and lectures were released. The course included didactic lectures by distinguished faculty and hands-on practical session on testing and training of respiratory patients at Cardio-pulmonary Rehabilitation Clinic of VPCI. Pre- and post-assessment about the various aspects of Pulmonary Rehabilitation Programme were conducted. Dr. Vishal Bansal, Department of Physiology, VPCI was the Organizing Secretary of this Certificate Course.



Orientation Programme on NABH Accreditation for VPCI (18th December 2019)

The Institute organized an **orientation programme on NABH Accreditation for VPCI** on 18th December 2019 at the Paintal Memorial Golden Jubilee Auditorium of the Institute. **Dr J.L. Meena**, General Manager, Hospital Networking and Quality Assurance, National Health Authority, Govt. of India, was speaker for the Programme. All the faculty members, Nursing, Technical, and Laboratory staff members of VPCI were participated in this Programme.

RESEARCH ACTIVITIES

Research Projects and Fellowships

Presently, 09 Research Projects (funded by ICMR, DST, AYUSH, CCRUM, MoHFW, LSRB-DRDO and DBT), 01 MRU-DHR-MoHFW-VPCI and 09 Research Fellowships (funded by ICMR and CSIR) are continuing in the institute.

Further, 02 New Research Project and 01 New Research Fellowship was additionally sanctioned during the period 1st July 2019 to 31st December, 2019. The details are as follows:

Title of the Research Projects	Department
Comparison of COPD characteristics in smokers and non-smokers	Prof. Raj Kumar Supervisor Funding Agency: VPCI-DHR-ICMR-MRU
Evaluation of inflammatory biomarkers and quality of life in asthma, COPD and asthma – COPD overlap	Supervisor Prof. Raj Kumar Co-Supervisor Dr. Nitin Goel Funding Agency: VPCI-DHR-ICMR-MRU
Development of a rapid phenotypic assay to differentiate between Mycobacterium tuberculosis and Non-tuberculosis mycobacteria	Dr. Mandira Varma Basil , Principal Investigator Department of Microbiology Funding Agency : ICMR Grant Received : 17.09 (Lakhs)

Pharmacological studies to evaluate the anti-inflammatory and immunomodulatory effects of Hibiscus rosa-sinensis and Piper nigrum and their cellular and molecular mechanisms of action in experimental models of Bronchial Asthma

Dr. Kavita Gulati,
Principal Investigator
Funding Agency:
VPCI-DHR-ICMR-MRU

Designing of inhalational polymeric nanoparticle drug delivery systems for the treatment of lung fibrosis”

Dr. Ritu Kulshrestha,
Principal Investigator
Department of Pathology
Funding Agency : ICMR
Sanctioned Grant: 10.42 (Lakhs)

Synthesis of polymeric nano-formulations encapsulated with chemotherapeutic agents for lung cancer treatment

Dr. Ritu Kulshrestha,
Principal Investigator
Funding Agency:
VPCI-DHR-ICMR-MRU

Exploring the potential of G-Quadruplex targeting nanoparticle (GQ-NP) conjugates in lung cancer

Dr. Ritu Kulshrestha,
Principal Investigator
Funding Agency:
VPCI-DHR-ICMR-MRU

Title of the Research Fellowships

Department

Pharmacological studies to evaluate the anti-inflammatory and immunomodulatory effects of aerva lanata linn in experimental model of bronchial asthma and the cellular and molecular mechanism

Department of Pathology
Ms. Hemlata Sharma, SRF
Dr. Kavita Gulati, Project Mentor
Funding Agency : ICMR
Grant Received : 5.41 (Lakhs)

Multidisciplinary Research Unit (MRU), Vallabhbhai Patel Chest Institute

The VPCI-DHR-ICMR-MRU was actively involved in various meetings at Dept of Health research (DHR), Local Research Advisory Committee (LRAC) meetings and workshop during the period from July to December, 2019. Three faculty members of VPCI (**Prof. Madhu Khanna, Prof. Kavita Gulati, Dr. Vishwajeet Rohil**) attended the Workshop on Research methodology and paper writing techniques organized by DHR, ICMR, MHFW and **Dr. RPGMC, Kangra, HP** at Dharamshala on 5-6 September, 2019.

Workshop on Research Methodology and Research Paper Writing Techniques for
Multi Disciplinary Research Units and Model Rural Health Research Units
September 5-6, 2019
Dharamshala, Himachal Pradesh



The renewed VPCI- MRU-LRAC meetings were held on 18th October 2019 and on 1st November 2019 in the Department of Pharmacology, Multi Storied building, VPCI. The committee approved 6 new research proposals.



- **Dr. Kavita Gulati** (Member Secretary) attended the DHR meeting of the MRUs of Delhi at MAMC, UCMS and VPCI On 18.10.10, at DHR, Red Cross building.
- **Dr. Pawan Sharma and Mr. Mukesh Bhushan**, Deputy Director, from National Productivity Council (NPC) for assessing MRU-VPCI activities on 20th November 2019.
- DHR visit by **Sh. Vinod, Dr. Tanu Anand, Dr. Anshu Grover, Mr. Gambhir** for review of MRU-VPCI activities on 13.12.2019.



Awards and Honours

Prof. Raj Kumar, Director, was Moderator, in 'High Risk COPD': Reappraisal Beyond Triple Therapy during PACS INDIA -2019 Annual conference at Hyatt Regency, New Delhi on 18th August 2019.

Prof. Raj Kumar, Director, was awarded the CG Uragoda Oration-2019, for his Contribution in the field of Allergy & Immunotherapy from Sri Lanka College of Pulmonologist during Respire-11, Srilanka on 29th October 2019.



Prof. Raj Kumar, Director was Expert reviewer, 'Update on respiratory allergy' and Chairperson and presented a Guest Lecture on, 'Place of Immunotherapy in respiratory medicine' during Respire-11 Annual Academic Session of **Sri Lanka College** of Pulmonologist at Colombo, **Sri Lanka** on 29th - 30th October 2019.





Prof. Raj Kumar, Director, received the 7th **Foundation Day Lecture Award**, For contribution in the field of Allergy, Asthma and Immunology on Lecture entitled, 'Indoor Air Pollution and Respiratory Allergy' during 53rd **ICAAICON-2019** organized by NITRD, New Delhi from 7th to 4th November, 2019.



Prof. Raj Kumar, Director, was Resource Person under NTCP at VP Chest Institute, Delhi from 2-6, September, 2019.





Prof. Raj Kumar, Director, gave Guest Lecture on, 'Tobacco Menace from conventional method of e-cigarettes' and was Chairperson in session 'Tuberculosis- Mission Elimination' during **6th International Conference on Lung Health – PULMOCON 2019** organised by Bangladesh Lung Foundation at Dhaka, Bangladesh from 05th - 08th November 2019.



Prof. Raj Kumar, Director gave Guest Lecture, on 'Food Allergy in Bronchial Asthma - Diagnosis and Management' during **53th ICAICON-2019**, held at National Institute of Tuberculosis and Respiratory Diseases (NITRD), New Delhi-30 on 7th – 9th November, 2019.

Prof. Raj Kumar, Director gave four Guest Lectures on, 'Skin Prick Testing-Unravelling the cause of atopic asthma', 'Manage the Circuit and Trouble shoot the Alarms', 'Anticoagulation during ECMO' 'Innovations in implementing smoking cessation' and was Co-ordinator in Allergy & Immunotherapy Workshop

during 21st "NAPCON - 2019" organised by Kerala Chapter of Indian Chest Society Academy of Pulmonary & Critical Care Medicine at Kochi, Kerala on 21st -24th November, 2019.



Prof. Kavita Gulati, gave Invited talk on "How to assess Adverse Drug reactions: Clinical Relevance & Judgment" at Indian Pharmacopoeia Commission, Ghaziabad during "Induction Cum training Programme on Pharmacovigilance" for Coordinators of Newly recognized AMCs & Pharmacovigilance Associates under PvPI from 1st - 2nd July 2019 (Coordinators) & 1st - 5th July 2019 for Pharmacovigilance Associate) at IPC, Ghaziabad.

Prof. Kavita Gulati, gave Guest talk on “*Translational research for rational use of theophylline in bronchial asthma*” on World congress on Pharmacology, at Indian Institute of Science, Bangalore, 28th - 29th Aug 2019.

Prof. Kavita Gulati, gave Invited talk on “*Complementary role of yogic intervention in the management of Obstructive airway diseases*” at **SVYASA**, Bangalore on 30th August 2019.

Prof. Kavita Gulati, gave Guest lecture on “*Evaluation of methylxanthine induced cardiotoxicity: a translational approach*” at Joint 6th Meeting of European Section and 7th Meeting of North American Section of the International Academy of Cardiovascular Sciences (IACS)" at Serbia from Sept. 11th - 14th, 2019.



Prof. Kavita Gulati, was Chairperson and Resource person during Medication errors Workshop – cum - Awareness Programme on “*Pharmacovigilance: A tool to ensure drug safety*” organized by Indian Pharmacopoeial Commission, Govt. of India at HIMSR , Delhi on 21st November 2019.

Prof. Kavita Gulati was Resource person for Nurses awareness program on Pharmacovigilance, at V.P. Chest Institute, University of Delhi, 21st November, 3029 at 2:30- 3:30 PM.

Prof. Kavita Gulati, gave Guest talk on “Role of NO in the adaptogenic effects of *Withania somnifera*” in symposium on Advances in Nitric Oxide Research, at DPSRU, New Delhi on 28th November 2019.

Prof. Kavita Gulati, gave Guest lecture on “Complementary roles of traditional and modern medicine in obstructive airway disease: an integrated approach” during 5th IUPHAR World Conference on the Pharmacology of Natural Products & 51st Annual Conference of Indian Pharmacological Society (IPS) at Hyderabad from 4th - 7th December, 2019.

Prof. Kavita Gulati, was resource person for Sensitization programme on Pharmacovigilance by AMC Coordinator and Patient Safety Pharmacovigilance Associate at Department of Pharmacology, VPCI on 10th Dec 2019.



Dr. Vishwajeet Rohil, was External Expert for “*Project Monitoring and Review Committee meeting (PMRC) and for “Ninth Executive Board Review Meeting”*” of XII Five year Plan Projects and held in **DIPAS, DRDO, Govt. of India** on 25th July, 29th July and 9th Sept, 2019.

Dr. Vishwajeet Rohil, was felicitated with “**DELHI MEDICAL ASSOCIATION (DMA) DISTINGUISHED SERVICE AWARD**” on the occasion of 105th Foundation Day celebrations of DMA conducted at DMA Hall, New Delhi on 18th Aug. 2019.

Dr. Vishwajeet Rohil, was External Expert for the “*Executive Board Review Meeting*” of the project “*Human Machine Interface issues for performance improvement of Indian soldiers under different*

occupational environment” (DIP 266), held at DRDO Bhawan on 19th Sept, 2019.

Dr. Vishwajeet Rohil, was Chairperson and Judge of Poster presentation at 32nd Annual Conference of "The Indian Society for Antherosclerosis Research" (ISARCON 2019) organized by The Indian Society for Antherosclerosis Research (ISAR) in Lady Hardinge Medical College (LHMC), New Delhi from 8th - 10th Nov, 2019.

Dr. Ritu Kulshrestha, gave Invited talk on, "Pathology of ILD: what every Chest physician should know" and was Panelist in "Panel discussion on ILD" during the 11th National Update in Respiratory Medicine, Hinduja Hospital, Mumbai, 13th -15th December 2019.

Dr. Ritu Kulshrestha, gave Invited talk on, 'Occupational and drug induced Interstitial lung diseases' and was Moderator for the CME on "Interstitial Lung Disease" APCON 2019, Department of Histopathology, PGIMER, Chandigarh, 7th December 2019.

Dr. Ritu Kulshrestha, gave Invited talk on, "Pirfenidone NPs modulate TGFβ1- SMAD expression and attenuate EMT in lung cancer cell line", in the American Chemical Society (ACS) symposium titled " Innovations in Drug Delivery Systems: Recent Breakthroughs and New Approaches in Formulation, Drug delivery mechanisms and Advanced delivery systems", as part of the Fall 2019 ACS National Meeting, Polymer Material Science and Engineering (PMSE) division, San Diego, CA, USA 25th - 29th August 2019.

Dr. Ritu Kulshrestha, gave Invited talk on, "Inflammatory diseases of mediastinum - What oncologist should know". Organised by Delhi Cancer Registry at Max Super Speciality hospital, Saket on 17th July 2019.

Mr. Sanjesh Saini & Nilanshu Manocha (PhD students under **Prof. Madhu Khanna**), were awarded (Bill &

Melinda Gates foundation) Youth Investigator Travel Fellowship Award to attend the 10th edition of the conference 'Option for the Control of Influenza' (OPTIONS X) "Conference at Singapore on 28th August- 1st September 2019

Manoj Kumar (Add designation), was awarded best poster paper for "Serum Specific IgE and Skin Prick Test in Cockroach Exposure in Asthmatic Patient" (Authors: **Manoj Kumar, Rajesh K Gupta, Anil Kr. Mavi, Kamal Singh, Sonam Spalgais, Raj Kumar**) at 53rd ICAAICON-2019, held at NITRD, New Delhi from 7th - 10th November, 2019.

Anil Kumar Mavi (PhD student under **Prof. Raj kumar**),, **Kamal Singh, Sonam Spalgais, Manoj Kumar, Raj Kumar**. Serum Specific IgE and Skin Prick test against Pigeon Dropping & Feather in Asthmatic Patients (Authors: **Anil Kumar Mavi, Kamal Singh, Sonam Spalgais, Manoj Kumar, Raj Kumar**). 53rd ICAAICON-2019, NITRD, New Delhi from 7th - 10th November, 2019.

Anil Kumar Mavi (PhD student under **Prof. Raj kumar**), presented "oral presentation at World Allergy Congress (WAC 2019) Lyon -France" relevance of serum specific IgE and Total IgE estimation in asthma patients with pigeon exposure (Authors: **K. Mavi, R. Kumar, K. Singh, M. Kumar**) from 12th - 14th December 2019.

MEDIA REPORT



SUPERANNUATION AND FAREWELL

Prof. S.K. Bansal, Director Professor superannuated from his services on 31st October 2019 after a completion of almost 30 years of service in VPCI.



Mr. Pradeep Kumar Gupta, Section Officer superannuated from his services on 31st August 2019 after a completion of almost 38 years of service in VPCI.



Mr. Shyam Singh, Section Officer superannuated from his services on 31st August after a completion of almost 32 years of service in VPCI.



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