

ICMLS-2017
Organized at LHMC & Allied Hospitals, New Delhi
15th -16th April, 2017 - Report

The **1st National Laboratory Professionals Conference of Indian Confederation of Medical Laboratory Science-2017(ICMLS)**, was organized on 15-16th April, 2017 at Swaran Jayanti, Auditorium-LHMC, New Delhi (India). More than 600 delegates/ faculty attended the conference. The theme of Conference was **“Indian Medical Laboratory Professionals - Emerging Challenges and Possible Solutions”**

A galaxy of distinguished guests and dignitaries from Ministry of Health, Government of India including Chief Guest Mr. Sanjeeva Kumar, Additional Secretary (H) MOH&FW, GOI, Nirman Bhawan, New Delhi, presided over the function, Dr. Ajai Kumar, Deputy General Health Services (DGHS), New Delhi, Dr. Jagdish Chandra, Director, LHMC & Associated Hospitals, New Delhi and various other eminent Faculty members invited from India and abroad were the guest of honor.

It was one of its kind, National Scientific and Professional event organized jointly by all major stake holders of unregulated Laboratory Profession representing ICMLS state units, with an objective of deliberating upon the common national laboratory healthcare issues related to the betterment of Laboratory sciences and medical technology professions in India. In addition to professional discussions, more than 30 Scientific papers including Poster and about 10 Plenary lectures were presented during conference on different topics concerning Medical Laboratory Sciences.

The Conference was a great academic feast, organized for the benefit of all clinical laboratory professionals including Teaching faculty and students in order to exchange the knowledge about their specialization in their respective fields, face to face.

Dignitaries present on the occasion released an e-Journal of Medical Laboratory Science cum Souvenir cum Abstract Book of ICMLS-2017. Chief Guest, along with other dignitaries congratulated efforts taken by ICMLS in organising such a conference of common interest for the betterment of Clinical Laboratory Sciences and applauded the vision behind the mission ICMLS. He extended his whole hearted support for all key issues raised by the ICMLS for standardization of education and services. He also announced that very shortly a comprehensive syllabus for Laboratory Profession will be uploaded on the website of Ministry of Health for streamlining Allied Health Professional's Medical Education, in India. Secretary Health, MH(FW, GOI, N.Delhi has already approved the proposal.

Mr.Kaptan Singh Sehrawat, President, ICMLS while thanking the efforts of the Govt., in his deliberation spoke on “Quest for regulation, Standardization and Betterment of Medical Laboratory Science Education, on International Biomedical Laboratory Science day. Senior

Prof. Surendra Verma, HOD, Histopathology, JIPMER, Puducherry, also attended the conference.

Various awards were announced for the Role and contribution of Medical Laboratory Professionals in present health care system: ICMLS Awardees' Perspective

- 1. Outstanding contribution in academics - Teaching and Trainings of Health Care Professionals. Dr. Malkit Singh**, Lecturer, PGIMER, Chandigarh (India)
 - 2. Outstanding contribution in Health Care Research. Dr. Ashvinder Raina**, Sr. Med. Lab. Technologist PGIMER, Chandigarh (India)
 - 3. Outstanding contribution for Good Laboratory Practices. Sh. Ramesh Duhan**, Sr. Med. Lab. Technologist General Hospital, Panchkula
 - 4. Outstanding contribution for strengthening of Organisational framework for Medical Laboratory Professionals. Sh. Indresh Singh**, Med. Lab. Technologist, AIIMS, New Delhi
 - 5. Outstanding contribution for overall betterment of Health Care Services. Sh. Ashwani Kumar Munjal** Technical Assistant, PGIMER, Chandigarh (India)
- Chief guest gave away the prizes to the award winners on the occasion

It is pertinent to mention that ICMLS is an apex, professional, registered organization of Indian Medical Laboratory Associations, representing all States from all over India. Since its inception, ICMLS has been striving hard for establishment of a central regulatory framework for all major unregulated streams of allied health sciences and medical technology in India. ICMLS is a member of International Federation of Biomedical Laboratory Science (IFBLS) under World health Organisation and other international health organizations and is actively engaged in standardization, advancement and for the betterment of Medical Laboratory Sciences in India. It has provided professional support and submission on various occasions to the Government, about all professional, educational, human resources in health regulatory issues and pay commissions of India, for the upliftment of Lab. health sciences.

Various Scientific presentations included;

1. Medical Lab Technology Professionals: New Challenges and Possible Solutions- A Key note address on the theme of the conference. **By: Dr. Surendra K. Verma, Senior Professor, Department of Pathology JIPMER, Puducherry**
2. Overview of Medical Laboratory Accreditation **By : Dr. Jayashree Bhattacharjee Director Professor of Biochemistry, LHMC, New Delhi**
3. Approach to Microcytic Hypochromic Anemia **By : Dr. Preeti Rai Associate Professor, Dept of Pathology, LHMC & Associated Hospitals**
4. Detection and Identification of Antibodies to Red Cell Antigens **By: Dr. Geetika Assistant Professor, Dept of Pathology, LHMC & Associated Hospitals**
5. Use and interpretation of Levey-Jennings control chart in laboratory Quality Control **By: Dr. P. Lalita Jyotsna Asst. Professor, Dept of Pathology, LHMC & Associated Hospitals**
6. Recent developments in Molecular Laboratory diagnosis. **By: Dr. Meenakshi A. Narula Sr. D.M.O. (SG), Northern Railway Central Hospital, N Delhi**
7. Triticum aestivum inhibits TGF- β -induced pancreatic stellate cell activation, oxidative stress and extracellular matrix formation. **By: Dr. Surendra Sharma PGIMER, Chandigarh**
8. Evaluation of antioxidant profile of Labeo rohita in stress condition after exposure to phenolic compounds. **By: Mr. Vikas Gaur AIIMS, New Delhi**

9. Role of Cascade Filtration in Transfusion Medicine: Experience from a Tertiary Care Centre. **By: Ms. Neelam Singh AIIMS, New Delhi**
10. Importance of Tissue Diagnosis in Clinical Practices. **By: Ms. Simmi Chopra LHMC, New Delhi**
11. Specular Microscopy is an essential tool to help in Corneal Grading in Eye Banks. **By: Mr. Ram Avtar , AIIMS, New Delhi**
12. Cyto- histo pathological correlation in various ophthalmic disorders. **By: Ms. Neelima , AIIMS, New Delhi**
13. Recovery of Mycobacterium in Bronchoalveolar lavage samples for rapid diagnosis of Tuberculosis in Patients who are Unable to Expectorate Sputum **By: Dr. Javid A Kakroo, State TB demonstration Cum Training Center Srinagar, J&K**
14. Professional Ethics in Medical Laboratory Science. **By: Dr. Meenakshi Sood Chitkara School of Health Sciences, Chitkara University, Rajpura**
15. The Profession of Medical Laboratory Sciences in Indian Perspective: A SWOT Analysis. **By: Ms. Poonam Choudhary, GMCH Chandigarh**
16. Quality management in Medical Laboratories. **By: Ms. Jaswinder Kaur Chitkara School of Health Sciences, Chitkara University, Rajpura**
17. Prognostic importance of HLA DR β 1 gene and PTPN22 gene polymorphism in rheumatoid arthritis. **By: Dr. Pramod, AIIMS, New Delhi**
18. Pre-analytical variables in Blood Gas analysis. **By: Mr. Harish Chandra Pandey KSCH, New Delhi**

The Conference was a great success with productive scientific research presentations both Oral and Poster event.

Awards for Oral scientific presentations went to:

1. Quality management in Medical Laboratories, presented by: **Ms. Jaswinder Kaur, Chitkara School of Health Sciences, Chitkara University, Rajpura. Punjab. for 1st Prize.**
2. Recovery of Mycobacterium in Bronchoalveolar lavage samples for rapid diagnosis of Tuberculosis in Patients who are Unable to Expectorate Sputum presented by: **Dr. Javid A Kakroo, State TB demonstration Cum Training Center Srinagar for 2nd Prize**
3. *Triticum aestivum* inhibits TGF- β -induced pancreatic stellate cell activation, oxidative stress and extracellular matrix formation, presented by: **Dr. Surendra Sharma, PGIMER, Chandigarh for 3rd Prize**

Awards for Poster scientific presentations went to:

1. **Artefacts In Peripheral Blood Smear, Harish Chandra, Dr Sunita Sharma, Dr Shivali Sehgal, Department of Pathology, LHMC, New Delhi for 1st Prize.**
2. **Mixed Autoimmune Hemolytic Anemia: A Rare Entity In Children**
Reeta, Preeti Rai, Geetika Sharma, Shivali Sehgal, Deeksha Singh, Jyoti Garg , Sunita Sharma. Department of Blood Bank & Pathology, Lady Hardinge Medical College, New Delhi for 2nd Prize.
3. **Study of morphological defects of sperms in semen analysis of subfertile males. Mrs. Deepa Dhiman, Dr. Priti Chatterjee, Dr. Sunita Sharma, Department of Pathology, Lady Hardinge Medical College, Delhi. for 3rd Prize.**

Professional presentations were deliberated as under:

- 1. Advances in Clinical Bacteriology. By: Dr. Malkit Singh PGIMER, Chandigarh**
- 2. Moral Principles, Values & Standards of Conduct in Medical Laboratory. By: Dr Pankaj Kaul PGIMER, Chandigarh.**
- 3. Basics in IHC & How automation help in IHC. By: Ms. Anuradha Dihingia, Consultant Application Support – was a Sponsored Corporate Lecture from Roche Diagnostics India Pvt. Ltd.**

A Techno-quiz for student Forum was also organised. ICMLS-Techno quiz-2017 prizes went to:

1. Team PGIMER, Chandigarh consisting of Mr. Gaurav Kumar, Mr. Nitin Dudeja and Mr. Nikhil Mishra for 1st Prize

2. Team Swami Vivekananda Subharti University, Meerut, U.P consisting of Md. Nadeem, Mr. Ghanshyam and Ms. Shivani for 1st Runner up Prize

3. and Team Swami Vivekananda Subharti University, Meerut, U.P consisting of Mr.Rohit, Ms.Bhawna and Ms.Asha for 2nd Runner up Prize

Memorable cultural evening organized by LHMC, AIIMS, ESI and various other Hospitals of Delhi was attended by the all delegates coming from all parts of the country followed by a Gala dinner. All the members of organizing committee were honored with mementos for their extra ordinary support to make the occasion a great success. Dr.Pankaj Kaul, Gen. Secretary cum Org. Secretary gave the vote of thanks. The programme was concluded with national anthem.

Kaptan Singh Sehrawat
President cum Org. Chairman, ICMLS- 2017

Dr. Pankaj Kaul
G. Secretary cum Org. Sec.-ICMLS-2017