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ACBI NEWS BULLETIN

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**Association of
Clinical Biochemists of India**

Regd. No. Patna 29/75-6
www.acbindia.org

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ACBICON 2018



45TH NATIONAL CONFERENCE OF ASSOCIATION OF CLINICAL BIOCHEMISTS OF INDIA

24th - 27th October, 2018 | Kala Academy, Goa

Theme: Translational OMICS in Laboratory Diagnostics

**BLOCK
YOUR DATES**

CONFERENCE SECRETARIAT

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www.acbicon2018.com



Early Diagnosis of Biochemical Genetic Disorders Saves Children's Lives: A Discussion on the Merits and the Process to Successfully Implement Newborn Screening

Date: October 24, 2018

Time: 9:00 AM – 3:30 PM

Location: Kala Academy Panjim, Goa, India

LEARN MORE: www.acbindia.org

The workshop seeks to convene those lab experts who would conduct newborn screening with public health officials and other stakeholders integral to implementation in India.

The program will be held in conjunction with the Association of Clinical Biochemists of India's annual national conference.

Experts in the field of biochemical genetics and newborn screening from the US and India will describe the global position of newborn screening, clinical successes, and technical and practical aspects required for setting up a successful laboratory for newborn screening. The workshop will present real-world cases from India and the United States.

The US Centers for Disease Control and Prevention (CDC) will present important elements of quality for developing a whole population screening program.

WHO SHOULD ATTEND

This symposium is intended for clinical laboratorians, healthcare providers, public health officials, and equipment manufacturers.

Generously Supported by the Wallace H. Coulter Foundation

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Editorial

Dear Members,

Greetings.

The year 2017 ended with the ACBICON 2017 which was held at KGMU Lucknow. This year many states and zonal branches have already held or have CME's planned throughout the year.

This years conference is being organized by the associations Head office and will be held at Kala Academy, Panjim, Goa from 24th to 27th December 2018. All important information and notices pertaining to the Goa conference are present in this issue.

Happy reading. Do keep in touch!

Dr. Rajiv R Sinha
General- Secretary,
ACBI & Editor-in-Chief

Dr K. R. Prasad
Executive Editor

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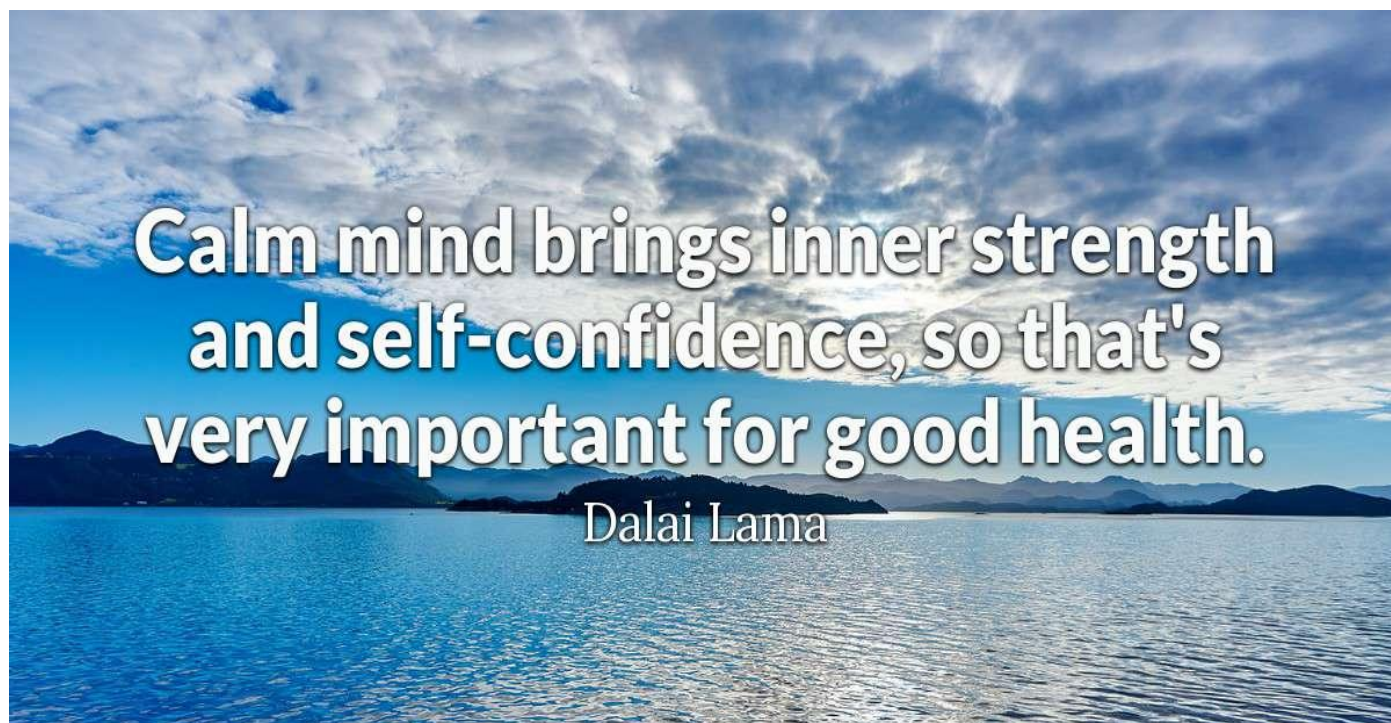
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Annual Report 2017

(Excerpts of the Annual Report 2017 read out by the General Secretary at the Inaugural function of 44th. ACBICON at Lucknow.)

It is my pleasure to stand before you all to deliver the Annual report of the activities of the Association of Clinical Biochemists of India for the year 2017.

But before we start I would like to take a moment to pay homage to an ever-so soft spoken, gentle person, a great Teacher, a world renowned researcher in the field of Filariasis, a stalwart of our association who suddenly passed away on the 9th April 2017, Dr. Maryada Venkatarami Reddy. We cannot forget his contribution in making this Association what it is today and he stands tall along with the founders of ACBI. Thank you "Reddy Sir".

The first activity we had after the presentation of last years report was ACBICON 2016, The 43rd.Annual National Conference of Association of Clinical Biochemists of India. It was organized by Dr. Poornima Manjrekar, Professor & Head, Department of Biochemistry, College of Basic sciences, Manipal Medical College, Mangalore. The conference was inaugurated by Dr. P. Jayadeva Bhat, Professor, Department of Biosciences & Bioengineering , IIT, Mumbai. A total of 6 orations, Oral presentations and more than 300 Posters were presented during the conference.

The following were elected Office bearers of ACBI elected for 2017:

President: Dr. Poornima Manjrekar (Mangalore), **Vice-Presidents:** (1) Dr. Jairam Rawtani (Jodhpur) & (2) Dr. Abbas A. Mahdi (Lucknow), **Advisor:** Dr. K. P. Sinha, **General-Secretary:** Dr. Rajiv Ranjan Sinha (Patna), **Joint Secretaries:** (1) Dr. Shivani Pandey (Lucknow), and (2) Dr. R. B. Sinha (Patna) and **Treasurer:** Dr. K. R. Prasad (Patna).

REGIONAL MEETINGS:

Regional meetings and CME's are the life line of any scientific organization like ACBI. There were a large number of scientific meetings / workshops arranged by the State/Zonal Chapter throughout 2017. The two major ones were :

ACBI UTTAR PRADESH AND ACBI CENTRAL ZONE:

Department of Biochemistry, King George's Medical University, Lucknow organized a one day Symposium in association with Association of Clinical Biochemists of India (ACBI) Central Zone and U.P. State Branch on 4th February 2017 with the theme "Changing trends in Medical Biochemistry in the New Millennium". It was inaugurated by the Director, NIPER, Raebareli & was organized by Dr. Dilutpal Sharma, Associate Professor in the Department of Biochemistry, KGMU.

SOUTH ZONE REGIONAL CONFERENCE OF ACBI.

A 2 day conference on Lifestyle Diseases and Management was organized by the ACBI Kerala chapter, Council for Clinical and Diagnostic Professionals (CCDP) and Department of Biochemistry, Believers Church Medical College, in connection with the Southern regional conference of the ACBI at Believers Church Medical College Hospital, Thiruvalla, Kerala, on 30th June and 1st July 2017. The Seminar was inaugurated by Rt. Rev. Praisson John, Believers Church & was organized by Dr. Kannan Vaidyanathan, ACBI south zone representative.

WEST ZONE REGIONAL CONFERENCE OF ACBI.

A West Zone ACBI CME programme was jointly organized with the Pathology Department of Deenanath Mangeshkar Hospital, Pune, on 19th November, 2017. Various experts talked on topics ranging from Sickle cell anaemia to Diabetes, Micro-nutrients in diets and Inborn errors.

The meet was organized by the West Zone ACBI representative, Dr. Sadanand S. Naik.

AWARDS

1. Every year ACBI awards **Fellowship** to distinguished members of the association on the basis of their merit and achievement. In 2016, the Fellowship of ACBI (i.e. FACBI) was awarded to Dr. B. K. Agarwal, (Indore)
2. **The K.P.Sinha- P.S. Krishnan** Award is awarded for the Best Paper published in the Indian Journal of Clinical Biochemistry (IJCBI). In 2016, this award was presented jointly to Ankit Verma and N.C. Chandra of AIIMS.

3. ACBI-A. J. Thakur Award for Distinguished Services was instituted in the year 2005 by Mrs Savita Thakur, Chairperson and director of Accurex Biomedicals Ltd in memory of her Late husband Mr. A.J. Thakur, founder of Accurex Biomedicals, & is given to honor a senior member of ACBI who has made immense contribution to the growth of Clinical biochemistry & Laboratory Medicine in India. In 2016, the award was presented to Dr Arun Raizada, Senior Consultant – Biochemistry, Department of Pathology & Lab Medicine, Medanta , Gurgaon.

ACBI – CMC EQAS PROGRAMME:

The ACBI-CMC External Quality Assurance Programme is being run smoothly by Dr F. S. Geethanjali and her team at C.M.C. Vellore. I am happy to share with you that today the ACBI-CM Vellore EQAS program has successfully completed its 39th year in 2017. With a modest start of 58 labs in 1977, the total number of labs that actively participated in the Chemistry program today stands at 4944 including 16 labs from Nepal. As we all know, it is first EQAS program to be accredited by NABL under ISO 17043: 2010 standards in India and this year the HbA1C and Reproductive hormones as also been added to the accreditation list. We all must thank Dr Geethanjali, her team & the management of CMC Vellore for keeping this flagship project of ACBI moving smoothly.

Membership of Indian Board of Clinical Biochemistry (MIBCB):

The **Membership of Indian Board of Clinical Biochemistry** course was started on 1st January 2013 and is being conducted by the Indian Board of Clinical Biochemistry (IBCB) under the auspices of Association of Clinical Biochemists of India (ACBI) and is approved by the Quality Council of India (QCI). At present, 7 batches of students have been admitted to this course.

The Students of the 1st batch will be presented their certificates during the convocation here. We must thank Dr. D. M. Vasudevan and his team at IBCB for their zeal and effort in managing this very important course and fructifying the vision of our Advisor, Dr K. P. Sinha and initiated by the Association for the betterment of Clinical Biochemistry in this country

INDIAN JOURNAL OF CLINICAL BIOCHEMISTRY

Four IJCB issues have been released in time with Springer India Pvt. Ltd. Our journal is being circulated to more than 6000 libraries all over the world earning IJCB a royalty of rupees 19.00 lakhs in 2016-17. The Editor-in-Chief, Dr Praveen Sharma and his editorial team must be commended for keeping the quality of IJCB at the highest level.

It has been an active year for the Association & it is heartening to note that with the establishment of Zones, many Regional meetings and state branches meetings were organized during the year. But still much more needs to be done to motivate other Zones & branches to organize educational activities.

And before I end, I must congratulate Dr Abbas and his team for putting together a truly fantastic academic feast for all of us and I am sure we will all be going back with enriched knowledge and lots of happy memories.

THANK YOU



44th. ACBICON 2017 LUCKNOW: A Report

4th. – 6th Dec 2017, Lucknow, India

THEME : Emerging Trends in Clinical Biochemistry: From Evidence Based Medicine to Molecular Medicine.

The 44th Annual National Conference of Association of Clinical Biochemists of India was organized by Department of Biochemistry, King George's Medical University at Lucknow from 4th December to 6th December 2017. An exciting and informative scientific program was prepared by the scientific committee in which excellent interactive educative sessions by world renowned experts were conducted. More than 150 learned experts from country and abroad shared their experiences and talked about the latest research and technologies in the field of Medical Biochemistry. The conference was attended by more than 800 delegates. The conference was a three day event where participants experienced a breath of learning and continuing education opportunities, as was rightly depicted in the theme of the conference, "Emerging Trends In Clinical Biochemistry: From Evidence Based Medicine To Molecular Medicine".



The CME on "Understanding Professionalism and Communication Skills in Medical School" started with an "Introduction on professionalism" by Dr Sucheta Dandekar followed by lecture on "Professionalism" by Dr. Shally Awasthi and lecture on "Communication" by Dr. Sucheta P. Dandekar. The CME finally concluded with open house interactive session.



Abu Dhabi, UAE, Dr. Hari S. Sharma from Amsterdam (Netherlands), Dr. Lindsay Brown from Queensland (Australia), Dr. Tariq M. Haqqi from Ohio (USA), Dr. Rajiv Timothy Erasmus from South Africa, Dr. Damodaran M Vasudevan from Kochi, and Dr. S M Hadi from Aligarh.

On 3rd December 2017 as part of the ACBICON 2017, three hands on pre conference workshops & CME were organized in which more than 80 faculty, residents and students participated. Workshops & CME were inaugurated by **Prof. M. L. B. Bhatt**, Vice Chancellor of King George's Medical University, Lucknow at a function held at Kalam Centre, KGMU, Lucknow on 3rd December 2017. **Dr. S. J. S. Flora**, Director NIPER, Raebareli was the Guest of Honour.

The 1st workshop on “*Hands on advanced microarray technique*” started with a lecture on “Molecular Profiling of Solid Tumors and Hematological Malignancies-Microarray” by Dr. Neetu Singh, Assistant Professor, Molecular Biology Unit, CFAR, KGMU followed by sample preparation for microarray, its Quality Control and Demonstration of Microarray work flow by Dr. Dinesh Kumar Sahu, Ms. Archana Mishra and Dr. Hari Shyam from KGMU. The workshop concluded with the Interactive session on statistical analysis and certificate distribution. The 2nd workshop on “*Hands on Training on Advance Cell Culture Technique & Gene Expression Analysis by RT-PCR*” started with the theoretical aspects covered on “Molecular Biology and its Application in Medicine” by Dr. Mohd.

Kaleem Ahmad, Associate Professor, KGMU, Lucknow, “Basic concept of cell culture and its role in understanding the diseases and drug development” by Dr. D. K. Singh, Scientist, CSIR-IITR, Lucknow, and “Real-Time PCR: Tool for Molecular Diagnostics and Research” by Dr. Akhilesh Kumar, Application Scientist (ABI), New Delhi. Theoretical aspects were followed by Hands on Training on: “Gene Expression Analysis by RT-PCR and Advance Cell Culture Technique” by Dr. Vikas Srivastava, Dr. M. Waseem, Dr. Babita Singh, Ms. Saumya Srivastava, Mr. Saurabh Pal, Mr. Sanchit Tiwari, of Dept. of Biochemistry, KGMU, Lucknow. The 3rd workshop on “*Application of Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) And Microwave Reaction System For Estimation of Heavy Metals And Trace Elements*” started with a lecture on “Principles of Absorption and Emission spectrometry” by Dr. R.C. Murthy, CSIR-IITR, Lucknow followed by the lecture of Mr. Srikant Swain, Perkin Elmer, New Delhi on “Perkin Elmer Advance solutions for Clinical Biochemistry” and “Role of Metals in Health & Diseases” by Prof. Abbas Ali Mahdi, KGMU, Lucknow.

The lectures were followed by Demonstration and Hands on training on Microwave Reaction system Inductively Coupled Plasma Optical Emission Spectrometer by Dr. Jamal Akhtar Ansari & Ms. Jyoti Yadav of Dept. of Biochemistry, KGMU, Lucknow. The day concluded with the Indian Journal of Clinical Biochemistry Editorial Board Meeting followed by ACBI Corporate Wing Meeting and Pre General Body Executive Committee Meeting held in the Board Room of the office of the Vice Chancellor, King George’s Medical University, Lucknow.

On 4th December 2017 the day started with the **Awadhesh Saran Memorial Oration** delivered by Prof. Sucheta P Dandekar from Department of Biochemistry, Seth G. S. Medical College, Mumbai, who spoke on “*Towards patient-centred health care-- Biochemist’s responsibilities*”.



She said that the trends in laboratory technology and the effects on quality aspects to better patient care should be considered for better patient health care. **Prof. G. P. Talwar Oration** was delivered by Prof. Maurizio Ferrari from Vita-Salute San Raffaele University, Milan, Italy.



He spoke on “*How to imagine the future of laboratory medicine*”. Speaking on the occasion he said that laboratory medicine exists within the broader framework of medicine and healthcare. Therefore, changes and advances in these areas will impact the future direction of laboratory medicine.

Prof. M.L.B. Bhatt, Hon’ble Vice Chancellor, King George’s Medical University, Lucknow inaugurated the ACBICON 2017 at Scientific Convention Centre, King George's Medical University, Lucknow on 4th

December 2017. **Prof. Morrizio Ferrari**, President, International Federation of Clinical Chemists & Professor of Clinical Pathology, University Vita Salute San Raffaele, Director of Clinical Molecular Biology and Cytogenetics Laboratory, and Head of Genomic Unit for the Diagnosis of Human Pathologies, Division of Genetics and Cell Biology, IRCCS San Raffaele, Milan, Italy, **Dr. Gustavo Zubietta-Calleja**, Vice Chancellor, Zubietta University, Bolivia, an Internationally recognized High Altitude Medicine Specialist and **Prof. Howard Morris**, President - Elect, International Federation of Clinical Chemists & Professor of Medical Science in the School of Pharmacy and Medical Sciences, University of South Australia and Clinical Scientist in Chemical Pathology at S A Pathology, Adelaide, Australia graced the inaugural function as Guests of Honour. Among others who were present included Dr. Rajiv R. Sinha, Secretary, ACBI, Dr. Poornima A. Manjrekar, President ACBI, Dr. Shivani Pandey and Dr. Dilutpal Sharma, Joint Organizing Secretaries, ACBICON 2017. **Prof. Abbas Ali Mahdi** took over as new President of ACBI at the inaugural function. The current President of ACBI, Dr. Poornima A. Manjrekar handed over the charge to Prof. Mahdi. **Prof. M. L. B. Bhatt**, who was the Chief Guest of the occasion, released the ACBICON 2017 Souvenir and five books edited by **Prof. Abbas Ali Mahdi**, Organizing Secretary, ACBICON 2017. The books were "*Phytochemistry and Pharmacology of Medicinal Herbs*", "*Molecular Biology and Pharmacognosy of Beneficial Plants*", "*Herbal Medicine and Modern Drug Discovery*", "*Biochemistry and Therapeutic Uses of Medicinal Plants*" and "*Biomedical Science And Herbal Medicine*". **Professor R. K. Singh**, former Head, Department of Biochemistry, King George's Medical University, Lucknow was also felicitated by the organizing committee of ACBICON 2017 for his contributions in the field of Medical Biochemistry. Furthermore, Fellowship of ACBI was awarded to Dr. Rajendra Prasad, PGI, Chandigarh. The Dr. K. P. Sinha - P.S. Krishnan Award for Best paper in the IJCB for 2017 was awarded to Dr. MVR Reddy, et al and was received by one of the authors, Dr. Shridhar Reddy. The prestigious ACBI-A. J. Thakur Award for Distinguished Services in the field of Clinical Biochemistry and Laboratory Medicine for the year 2017 was awarded to Late Prof. M.V.R Reddy and it was received by his wife.

A total of 12 symposia were organized on 4th December 2017 in three different halls which were named after stalwarts in the field of Biochemistry viz. Prof. A. Salahuddin, Prof. D. P. Burma, and Prof M.V.R Reddy. In the first Symposia on "*Natural Products and Nutraceuticals*", Prof. Tariq M. Haqqi from Department of Anatomy & Neurobiology, Northeast Ohio Medical University, Rootstown, Ohio, USA spoke on use of Baicalein, a natural flavonoid, for suppressing inflammation in human osteoarthritis Chondrocytes.

Subsequently, Prof. Gustavo Zubietta-Calleja from High Altitude Pulmonary and Pathology Institute IPPA, La Paz,

Bolivia said that the environmental factors play a crucial role in the establishment of normal biochemical ranges and should be fully comprehended in order to avoid misinterpretation that could only imperil health. Dr. Farzana Mahdi from Era's Medical College and Hospital, Era University, Lucknow spoke on "Deciphering the Role of CoQ10 Deficiency in Fibromyalgia Syndrome: Implications on the Amelioration of its Symptoms by Ubiquinol-10 Supplementation"

In the second symposia on "*Vitamin D Deficiency a Global Epidemic*", Prof. Afrozul Haq from New Delhi spoke on "Low Protein Diet and Vitamin D Supplements in Chronic Kidney Disease (CKD) Patients". Prof. Deena H. Elsoni from Abu Dhabi delivered her talk on "Regulation of Monocyte NADPH Oxidase: Role of Pattern Recognition Receptors". Subsequently, Dr. Sukes Mukherjee from Bhopal delivered his talk on "Biochemical Profile, Vitamin D Status and Immuno Modulatory Effects in Pulmonary Tuberculosis with and Without HIV Infection" Symposia 3 on "*Life Style Disease & Metabolic Disorder*" started with the presentation of Prof. D. M. Vasudevan from Kerala on "Inborn Errors of Metabolism; Five-year experience in a tertiary care hospital". Dr. Vikas Bhatia delivered his talk on "IEM and NBS Awareness" and Prof. Sudhir Mehrotra from Lucknow spoke on "life style disorders". Dr. Kausik Mandal from Department of Medical Genetics, Sanjay Gandhi Post-Graduate Institute of Medical Sciences, Lucknow spoke on "Molecular Diagnostics In Metabolic Disorder: A Clinician's Approach"

In symposia 4 of "*IFCC-I*" Prof. H. A Morris from School of Pharmacy and Medical Sciences, University of South Australia spoke on "Vitamin D: Molecular Actions across a Variety of Biological Systems". Prof. Bernard Gouget from France spoke on "Emerging Trends in Quality Management" and Prof. Tomris Ozben from Akdeniz University, Turkey delivered her talk on "Potential Risk Predictors for Cardiovascular Diseases".

5th symposia on "*Genetics, Epigenetics & Epigenomics*", started with the talk of Prof. Jyotdeep Kaur from Chandigarh. She spoke on "Epigenetic Mechanisms Regulate Placental Genes in Normal and Pathological Pregnancies: Search for Novel Fetal DNA Epigenetic Marker". It was followed by the talk of Prof. Abid Hamid from Cancer Pharmacology Division, CSIR-Indian Institute of Integrative Medicine, Jammu. He delivered his talk on "A Novel Histone Deacetylase Inhibitor as the Specific Posttranslational Modifier for Possible Epigenetic Therapeutics in Leukaemia". Subsequently Dr. Nissar Ahmad Wani from Department of Biotechnology, Central University of Kashmir, Srinagar delivered his talk on "Metabolic Reprogramming Targeting alters the Proliferative Behavior of Hepatocellular Cancer"

In Symposia 6 on "*Cardiovascular Diseases*" Dr. Neelima Singh from Department of Biochemistry,

GR Medical College, Gwalior spoke on “Glycogen phosphorylase BB: A more sensitive and specific marker for early diagnosis of acute myocardial infarction” followed by the talk of Dr. Moinuddin from Department of Biochemistry, Faculty of Medicine, J. N. Medical College, AMU, Aligarh who delivered his talk on “Glycooxidation of Human Low Density Lipoprotein: Role in Diabetes, Periodontitis and Coronary Artery Disease”. Dr. Wahid Ali from KGMU, Lucknow spoke on “Circulatory miRNA: Novel Tool for Diagnostic and Therapeutic Biomarker for Cardiovascular Disease”.

Symposia 7 on “*Neurological Diseases*”, started with the talk of Prof. B. S Shankaranarayana Rao from Department of Neurophysiology, National Institute of Mental Health and Neuro Sciences, Bengaluru. He spoke on “Novel Therapeutic Strategies To Treat Temporal Lobe Epilepsy-Induced Cognitive Deficits”. Prof. Vinay K. Khanna from Developmental Toxicology Laboratory, Indian Institute of Toxicology Research, Lucknow spoke on “Arsenic Induced Cognitive Deficits Associated with Alterations in NMDA Receptor Induced Post-synaptic Signalling in Hippocampus: Protective Role of Curcumin”. Dr. Rajnish Kumar Chaturvedi from Developmental Toxicology Laboratory, Indian Institute of Toxicology Research, Lucknow delivered his talk on “Drug Repurposing In Alzheimer's Disease: Focus on Adult Neurogenesis”.

Dr. Arjun L. Khandare from Hyderabad initiated the symposia 8 on “*Environmental Health & Metal Toxicity*”. He spoke on “Dose and time dependent effect of fluoride in rats”. Dr. Raja Roy from Centre of Biomedical Research, Sanjay Gandhi Post Graduate Institute of Medical Sciences Lucknow spoke on “Metabolomics by NMR spectroscopy and its implications to Human Health Research”

Symposia 9 on “*Cancer Biology*”, started with the talk of Dr. Imrana Naseem from Department of Biochemistry, Faculty of Life Sciences, Aligarh Muslim University, Aligarh. She delivered her lecture on “Changing Paradigms of Chemotherapy: Utilizing Metabolically Elevated Copper for Selective Non Enzymatic DNA Damage and Consequent Cell Death”. Dr. Minal Garg from Department of Biochemistry, University of Lucknow, spoke on “Epithelial-To-Mesenchymal Transition: Its Diagnostic and Prognostic Significance in Human Urothelial Carcinoma of Bladder”. Dr. Pradeep Kumar Sharma from Environmental Carcinogenesis Lab, Food Drugs and Chemical Toxicology Group, CSIR-Indian Institute of Toxicology Research, Lucknow spoke on “Cellular-Xenobiotic Interaction in a Tissue Specific Pattern Leads To Diversification In Mode of Cell Death Response”.

Dr. Minal Garg from Department of Biochemistry, University of Lucknow, spoke on “Epithelial- To-Mesenchymal Transition: Its Diagnostic and Prognostic Significance in Human Urothelial Carcinoma of Bladder”.

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The 10th Symposia on “*Quality Assurance in Clinical Laboratory*” started with the talk of Dr. Jawahar (Jay) Kalra from Department of Pathology and Laboratory Medicine, University of Saskatchewan and Royal University Hospital, Saskatoon, Canada. He delivered his talk on “Medical Error and Disclosure in Quality Care and Patient Safety -: An Overview”.

Dr. Arun Raizada from the Department of Clinical Biochemistry, Medanta-The Medicity, Gurgaon spoke on “Lean Management and Its Challenges”. Dr. D Asthana from University of Miami –Florida USA delivered his talk on “Point-of-Care Diagnostics: Current State-of-Affairs, Limitations and Future”.

In symposia 11 of “*IFCC-TFYS Symposium*”, Dr. Praveen Sharma, Department of Biochemistry, AIIMS Jodhpur, India, delivered a talk on “Critical Thinking:- Building Good Judgement”. Dr. Pradeep K Dabla, Chair, IFCC-TFYS Department of Biochemistry, G. B. Pant Institute of Postgraduate Medical Education & Research (GIPMER), GNCTD, Delhi, delivered a lecture on “Leadership & Team Development: Success Together”.

12th symposia on “*Respiratory Diseases*” started with the talk of Dr. Vijay K. Kutala from Nizam Institute of Medical Sciences, Hyderabad. He spoke on “Utility of Serum IL-6, IL-8 levels and APACHE II Score for the prediction of Clinical Outcome in Patients with Acute Respiratory Distress Syndrome”. Dr. Archana Singh from Department of Biochemistry, All India Institute of Medical Sciences, New Delhi, delivered her talk on “Role of Vitamin D and Its Associated Molecules in Innate Immunity in Pulmonary Tuberculosis As Compared To Household Contacts”.

On 5th December 2017 the programme started with the **K. L. Gupta Oration** delivered by Prof. M. L. B. Bhatt from King George's Medical University, Lucknow. He spoke on “Identification of Novel Biomarker of Human Urinary Bladder Cancer Using High-Density Oligonucleotide Microarray”. This was followed by **Dr. T. N. Pattabhiraman Oration** delivered by Prof. T Malati from Hyderabad. She delivered her lecture on “Task Force on Indian Normative Clinical Laboratory Parameters”.

Total 12 symposia were organized on 5th December 2017. Symposia 13 started with the talk of Dr. S. M. Hadi from Department of Biochemistry, AMU, Aligarh. He delivered a talk on “A Prooxidant Mechanism of Cancer Chemopreventive Properties of Plant Polyphenols”.

Dr. Rajiv Erasmus from Stellenbosch University and National Health Laboratory Services(NHLS), Tygerberg Hospital, Cape Town, South Africa spoke on “Advanced glycation end products (ages) as biomarkers in diabetes and its complications.

Symposia 14 on “*Reproductive Biology/Corporate Presentation*”, started with the talk of Dr. Savita Yadav from Department of Biophysics, All India Institute of Medical Sciences, New Delhi. She gave a talk on “Exploring semen protein signatures for understanding male fertility/infertility in acute lymphoblastic leukemia (ALL) survivors”. Dr. Z. D. Badade from Dept. of Biochemistry, MGM Medical College, Navi Mumbai talked about “Sperm DNA damage, protamines and oxidative stress in infertile men”. Dr. Aditi Gupta from Gurgaon spoke on “Laboratory and Point of Care Testing: A Real Time Solution”.

In Symposia 15 on “*Renal and Liver Disease*”, Dr. Mridula Mahajan from Department of Biochemistry, Govt. Medical College, Amritsar Punjab delivered her talk on “Should Cystatin C be used by itself or with other Markers to Identify and Stage the Patients with Chronic Kidney Disease”. Dr. Shashikant Nikam from Department of Biochemistry, Belgaum Institute of Medical Sciences, Belagavi, Karnataka spoke on “Sparaoxonase-1, Lecithin Cholesterol Acyl Transferase, Apolipoprotein A-I And HDL Cholesterol in Alcoholic Liver Cirrhosis”.

The symposia 16 of “*IFCC-II*”, started with the talk of Dr. H A Morris from School of Pharmacy and Medical Sciences, University of South Australia and Chemical Pathology, Australia He delivered his talk on “Standardization and Harmonization in Laboratory Medicine”. Dr Tomris Ozben, from Akdeniz University Medical Faculty Department of Clinical Biochemistry Antalya Turkey then delivered her talk on “Circulating free tumour DNA (ctdna) and circulating tumour cells (ctc) as novel biomarkers: liquid biopsy”. Dr. Bernard Gouget, Counselor for Public Health FHF; Chair-Human Health Care Committee-COFRAC; IFCC Chair-Nominations Committee; General Secretary of the International Francophone Federation of Clinical biology and Lab Medicine (FIFBCML) spoke on the “Vast opportunity for digital technologies to transform the way healthcare is being delivered”.

In Symposia 17 on “*Competencies in Biochemistry*”, Prof. & Head Dr. Sucheta Dandekar, from Department of Biochemistry, Seth G. S. Medical College and KEM Hospital, Mumbai delivered a talk on “Formulating competencies in Biochemistry” in which she said that such steps shall elaborate on the development of learning objectives, competencies, teaching learning methods, assessment strategies, clubbed to the different degrees of expertise, from novice to expert.

Dr. Farzana Mahdi from Department of Medical Education, Era's Lucknow Medical College Era University, Lucknow spoke on “Introduction to Competency Based Education”.

The symposia 18 on “*Role of Nutritional factor in health & Disease*” started with the talk of Dr. Helen Martin, from SA Pathology, Australia who gave her talk on “Interpretation of Iron status”. Dr. S.V. Rana, Professor in Department of Super Specialty Gastroenterology, PGIMER Chandigarh talked about “Malabsorption function tests in various diseases”. Dr. Kailash Bhattacharyya from Department of Biochemistry, Guwahati Medical College and Hospital, Guwahati spoke on “Nutritional Modulation of Gene Expression and Non-communicable Diseases”.

In symposia 19 on “*Molecular Medicine I*”, Dr. S. S. Chauhan, Professor in the Department of Biochemistry, AIIMS, New Delhi spoke on “Cathepsin L and B as potential markers for liver fibrosis”. A talk entitled “My journey with human cord blood stem cells in making models for developmental neurotoxicity” was delivered by Dr. A.B. Pant from CSIR-IITR, Lucknow. Dr. Aamir Nazir Senior Scientist, Division of Toxicology and Experimental Medicine, CSIR-Central Drug Research Institute, Lucknow spoke on “Identification and Functional Characterization of Novel circRNA and miRNA Molecules Employing C. Elegans Model: Implications for Age Associated Neurodegenerative Diseases”.

Symposia 20 on “*Cancer Biology Therapeutics*”, started with the lecture of Dr. Alpana Sharma, Professor of Biochemistry at AIIMS, New Delhi. She spoke on Regulation of signalling cascade by CD44 variants. Dr. Sabhiya Majid, Prof. of Biochemistry at Government Medical College, Srinagar, J&K, talked about “micro RNA's and their potential role as minimally invasive cancer biomarkers. miRNAs”. Dr. Kausar Mahmood Ansari from Environmental Carcinogenesis Laboratory, Food, Drug, and Chemical Toxicology Group CSIR-Indian Institute of Toxicology Research spoke on “Nexrutine Inhibits Azoxymethane Induced Colonic Aberrant Crypt Formation In Rat Colon And Induced Apoptotic Cell Death In Colon Adenocarcinoma Cells”. Dr. D.P Mishra from Cell Death Research Laboratory, Endocrinology Division, CSIR-Central Drug Research Institute, Lucknow spoke on “Digitoxigenin Augments 2-DG Induced Toxicity In Cancer Cells By Targeting Hypoxia-Induced Factor 1-a-Mediated Signaling”.

In Symposia 21 on “*Risk Management Workshop (IFCC learning to Lead ABBOTT)*” Dr. Elizabeth Frank from Mysore spoke on “Risk Assessment and Risk Analysis-Overview”.

Dr. Swasti Tiwari, Additional Professor & Head, Department of Molecular Medicine & Biotechnology, SGPGIMS, Lucknow described the opportunities and challenges of Molecular Medicine. She said that molecular medicine holds great promise to improve patient care by increasing the precision and predictability of diagnostic procedures, and by individualizing and targeting therapeutic approaches. Dr. Satyendra K. Singh from Department of Stem Cell and Cell Culture, Center for Advanced Research,

King George's Medical University, Lucknow, spoke on "Id1 Ablation Enhances Hematopoietic Stem Cell Self-Renewal and Suppresses Hematopoietic Ageing by Reducing Proliferative Stress"

Symposia 23 on "Infection and Immunity", started with the presentation of Dr. L. M. Srivastava, from Department of Biochemistry and Lab. Medicine, Sir Ganga Ram Kolmet Hospital, New Delhi. He delivered a talk on "modulation of the complement system in inflammatory diseases and its therapeutic control". Professor at AIIMS, New Delhi Dr. Kalpana Luthra, delivered her talk on "Generation and characterization of anti-hiv-1 human recombinant monoclonals". Dr. M. Thungapatra from Biochemistry Department at PGIMER, Chandigarh delivered his talk on "Strategies for construction of bacterial vaccine vectors for mucosal immunity". Dr. Indu Verma, from the Biochemistry department at PGIMER, Chandigarh talked about the "Role of defensins as anti mycobacterial agents against active and latent bacilli". Dr. Khursheed Alam, from Department of Biochemistry at AMU, Aligarh delivered his talk on the topic entitled "A successful crosstalk between glycation and oxidation can generate aggressive immunogenic neo epitopes on self proteins: a likely event in the development of Systemic Lupus Erythematosus". Additional Professor of Biochemistry.

In Symposia 24A on "Nanomedicine" Dr. Sadhana Sharma, Professor of Biochemistry at PGIMER, Chandigarh spoke about the "Nano medicines for the treatment of tuberculous meningitis". Subsequently Dr. P. R. Mishra from Central Drug Research Institute, Lucknow spoke on "Rationalized approach using Nano-medicines: A preclinical study of pH triggered intracellular delivery of Doxorubicin for effective tumor regression".

Last 24B symposia of the day on "IFCC TFYS Awards 2017" started with the talk of Joseph Dian Bondu, from Department of Clinical Biochemistry, Christian Medical College, Vellore, Tamil Nadu, India on "Do Vitamin D Deficiency and Renal Dysfunction play a role in the pathogenesis of Fluorotoxic Metabolic Bone Disease (FMBD)". Dr. Rakchana M from Department of Biochemistry Jawaharlal Institute of Postgraduate Medical Education and Research, Puducherry, India spoke on "Association of Osteoprotegerin level with cardiovascular risk in diabetic subjects is independent of age, body mass index and body composition".

The poster presentation session was also organized in which there were more than 120 participants who presented their research work in the field of biochemistry. The day concluded with the General Body Meeting of ACBI.

On 6th December 2017 day started with **Seth GS Medical College & KEM Hospital Oration** which was delivered by Prof. Subir Kumar Das from Department of Biochemistry, College of Medicine & JNM Hospital, Kalyani, West Bengal. He delivered his talk on "Alcoholic Liver Disease".

Total six scientific symposia were organized on 6th December 2017.

Symposia 25 on "*Diabetes Mellitus: Role of free radical and glycation*" started with the presentation of Dr. Seema Bhargava from Department of Biochemistry, Sir Ganga Ram Hospital, New Delhi, India. She delivered her lecture on "The Combination of Copeptin and High Sensitive Troponin I (hs Trop I) For Early Rule out of Acute Coronary Syndrome (ACS): An Observational Study". Subsequently, Dr. R. Dhananjayan from Dept. of Biochemistry, Apollo Speciality Hospitals, Vanagaram, Chennai spoke on "Endothelial Dysfunction & Oxidative Stress In Type 2 Diabetes Mellitus". Dr. Monisha Banerjee from Molecular & Human Genetics Laboratory, Department of Zoology, University of Lucknow, Lucknow, spoke on "Genetic Variants and Expression of COX2 and Enos in Type 2 Diabetes Mellitus". Dr. Suman Bala Sharma from Dept. of Biochemistry, University College of Medical Sciences, (University of Delhi), Delhi spoke on "Phytochemicals: A Possible Herbal Drug For The Treatment of Post Prandial Hyperglycemia"

Symposia 26 on "*Chronomedicine*" started with the presentation of Dr. Vinod Kumar from Indo US Center for Biological Timing, Department of Zoology, University of Delhi, Delhi. He spoke on "Time Waits for Nobody: Possible Impact of Disrupted Life-Style on Human Health". Dr. Anand Srivastava from Department of Respiratory Medicine, King George's Medical University, UP, Lucknow spoke on "Respiratory Circadian Rhythm: Clinical Utility In Bronchial Asthma". Siddharth K. Das from Department of Rheumatology, KGMU, Lucknow spoke on "Deciphering The Role of Circadian Rhythm In Fibromyalgia Syndrome Patients".

Symposia 27 on "*Biomarker*" started with the talk of Prof. Ajai Singh from Department of Orthopaedic Surgery King George's Medical University, Lucknow. He spoke on "Can We Predict Fracture Healing Outcome Early? Evaluation of CYR61 A Noval Marker". Dr. Roshan Alam from Department of Biochemistry, IIMS&R, Integral University, Lucknow spoke on "Association of Fructosamine and HbA1c in Newly Diagnosed Type 2 Diabetes Mellitus Patients". Dr. Tabrez Jafar from Era University, spoke on "MDR-1 Gene Polymorphisms In Steroid- Responsive Versus Steroid-Resistant Nephrotic Syndrome In Children". Symposia 28 included the C. Sita Devi Award which was presented to Dr. Shailendra Dwivedi from Jodhpur.

He spoke on "Tobacco Exposure by Various Modes Modulate Pro-(IL-12) And Anti-(IL-10) Gene Expression and Influence the Median Survival of Prostate Carcinoma Patients". This was followed by the oral presentation. Symposia 29 and 30 included oral presentations in which more than 50 scientific papers were presented.

Symposia 29 and 30 included oral presentations in which more than 50 scientific papers were presented. The three day 44th National Conference of Association of Clinical Biochemists of India finally concluded on 6th December 2017 with the valedictory function which was

graced by the Chief Guest, Dr. Rajneesh Dube, Principal Secretary, Medical Education & Revenue and Consolidation Commissioner, Government of Uttar Consolidation Commissioner, Government of Uttar Pradesh, and Guest of Honor Prof. M. L. B. Bhatt, Hon'ble Vice Chancellor, King George's Medical University, Lucknow. The function started with the welcome address by the Joint Organizing Secretary Dr. Wahid Ali, KGMU, Lucknow. Thereafter, Prof. Praveen Sharma, Chairman Corporate Wing, ACBI and Prof. Morrizio Ferrari from Italy addressed the gathering and congratulated Prof. A. A.

Mahdi for organizing the conference of this magnitude and said that this conference was quite beneficial for the young biochemists. Prof. Abbas Ali Mahdi, President, ACBI also delivered his address and highlighted the achievements of the ACBICON 2017. Following this the awards under different categories were presented by the dignitaries. The awards for best oral presentation were presented to 1) Dr. Swarnima Singh, Patna. she spoke on "Serum Human Epididymus Protein-4 (HE4) As A Biomarker In Ovarian Cancer and Its Comparison With CA-125 In Benign and Malignant Cases", 2) Dr. Raman



Kumar, New Delhi who spoke on "Delineating the biomarker potential of shelter in complex molecule in multiple myeloma and revealing their therapeutic implications", and 3) Dr. Pratibha Gavel, Varanasi who spoke on "Association Between AST, ALT and CK In Cases of Dengue Infection: A Prospective Case Control Study".

Best Poster Presentation was awarded to 1) Dr. Bharti Jain from BARC, Mumbai 2) Dr. Chandrakala Golve from Radiation Medicine Centre, BARC Mumbai 3) Dr. Raza Abbas from Era's Lucknow medical college & Hospital, Era University, Lucknow 4) Dr. Aatish Mahajan from Department of Biochemistry, Postgraduate Institute of Medical Education and Research, Chandigarh 5) Dr. Vimmi Kishore from Department of Biochemistry, Uttar Pradesh University of Medical Sciences, Saifai, Etawah 6) Dr. Tuba Afsheen from KGMU, Lucknow 7) Dr. Himani from Department of Biochemistry, SGT College Gurugram 8) Dr. Faiza Ismail from Dept. of Medical Biochemistry, School of Health Sciences, Kannur University, Kerala 9) Dr. Imran Ahmad from Immunotoxicology Division, Systems Toxicology and Health Risk Assessment Group, CSIR-Indian Institute of Toxicology Research, Lucknow. 10) Dr. Usha Kumari Gupta from GMC, Amritsar and 11) Dr. Janani Iswarya from Department of Clinical Biochemistry, Christian Medical College, Vellore. IFCC Task Force Young Scientist Award was presented to 1) Dr. Joseph Dian

Bondi, Vellore, 2) Dr. Rakchna M, Pondicherry, 3) Dr. Abhra Ghosh, 4) Dr. Anchal Trivedi, Lucknow, and 5) Dr. Neelam Lakha, New Delhi.

NIMS best poster presentation was awarded to Dr. Radhika Mishra from Department of Biochemistry, Era's Lucknow Medical College, Era University, Lucknow (Title: PD-L1 Expression In Colorectal Adenocarcinoma: An Immuno-Histochemical Study In Tissue Microarray) and Dr. Prasenjit Mitra from Department of Biochemistry, All India Institute of Medical Sciences, Jodhpur, India (Title: Study on Relationship of Serum Vitamin D3 with Anthropometry and Metabolic Markers In type II Diabetes Mellitus). Travel Fellowship was also distributed during the function to Dr. Pawan Kumar Kare from Department of Biochemistry. Kalpana Chawla Govt. Medical College & Hospital, Karnal, India and Dr. Gishu Sweta, Nalanda Medical College, Patna, Bihar.

The valedictory function concluded with the vote of thanks by Dr. Shweta Kumari, Assistant Professor in the Department of Biochemistry, KGMU, Lucknow.

During the four day ACBICON - 2017, three hands on workshops, one CME, five Orations, 6 Plenary Lectures, 86 Invited Lectures, 225 Posters and 86 Free Papers were presented.

MINUTES OF THE 44th PRE-GB EXECUTIVE COUNCIL MEETING

(Lucknow, December 3, 2017)

The Executive Council (EC) of ACBI met on December 3rd 2017 at 6.00 pm in the Meeting room of King George's Medical University, Lucknow. The Secretary, ACBI informed the members that the President, Dr Poornima Manjrekar's flight has been delayed and she has sent her apologies for not being present to conduct the meeting. She requested Secretary, ACBI to conduct the meeting in her absence. The meeting started with all members observing a 2 minutes silence in the memory of one of our senior member, Dr M. V. R. Reddy who had passed away on 9th April 2017. Dr. Rajiv R Sinha, General Secretary of ACBI presented the minutes of the previous EC meeting and the same was accepted by the council. Dr Rajiv R Sinha, General Secretary, presented the Annual Report of the association for the year 2017. Accounts of the ACBI for the year 2016-2017 was presented by Dr. K. R. Prasad, Treasurer, ACBI. The salient feature of this year report was that Rs. 198155.00 has come by way of different membership fees. At present in general fund we have got Rs.11107347.51. The total amount including the corpus fund and various ear marked funds together amounted to Rs.10290790.96 The total income for the year 2016-2017 was 36, 35,000.00. The total investment for the year was 6359000.00. The report was accepted by the EC.

Since the organizing Secretary, Dr. Poornima Manjrekar of the 43rd. Annual National Conference of ACBI which was held at Mangalore was unable to attend, she has promised to send the account details to the Secretary as soon as possible.

Regarding the final accounts of 42nd. Annual National Conference of ACBI held at Chandigarh, the members were informed that Dr Rajendra Prasad has just undergone renal transplant surgery and will submit as soon as he recovers. The Organizing Secretary of the 40th. ACBICON, New Delhi submitted the pleas that she still has not reconciled her conference final accounts and asked for more time. Members requested her to close the account as it sends a wrong message to future organizing secretaries.

Editor-in-Chief, Dr. Praveen Sharma, presented the report on the Indian Journal of Clinical Biochemistry and informed the members about the efforts being taken to keep the standard of IJCB high. The four issues of IJCB

are being released on time. Dr. Sharma informed the EC that IJCB is being distributed to more than 9000 libraries around the world.

The members were informed by the Editor-in-chief about the high regards that IJCB has generated by the increased number of citations and also downloads.

Dr. Sharma informed the EC that IJCB has earned a royalty of over Rupees Nineteen lakhs during the year. EC members lauded the efforts of Dr. Praveen Sharma, his editorial team and Springer for their untiring effort to keep the IJCB's standard flying high.

The Convener of the ACBI/CMC-Vellore External Quality Assurance Program, Dr. Geethanjali Arulappan, presented the report on the ongoing EQA program for the year 2015-2016. She informed the EC that the ACBI-CMC Vellore EQAS program has successfully completed its 39th year in 2017. She informed that 4944 labs actively participated in the EQAS program during 2017. She informed the EC that new laboratory facility has been constructed for the EQAS program. She also informed that NABL conducted a desk audit in 2017. The HbA1c & Reproductive Hormones were included in the scope of the accreditation. Members raised the issue of EQAS programme not having the name "ACBI-CMC Vellore EQAS" on its NABL certification. Dr Geethanjali explained to the members regarding the objection raised by the NABL inspector. The EC requested Past-Presidents, Dr Jayshree Bhattacharjee and Dr Krishnaji Goswami to look into this matter and to take it up with NABL. Dr. Geethanjali was requested to send correspondence in this regards to Dr Rajiv R Sinha. The EC thanked Dr. Geethanjali, her team and the management of CMC Vellore for keeping this flagship project of ACBI moving smoothly.

Mr. Upendra Singh, Convener of the ACBI-Corporate wing presented an update of the activities of the ACBI-CW in 2017. He informed the members that 2 CW meeting took place during the year in which discussions took place regarding corporate sponsorship and corporate academic programme to the 44th. ACBICON 2017 at Lucknow.

The General Secretary, Dr. Rajiv R. Sinha presented the new applications received for individual membership. He informed that in 2017, the total number of new applicants for membership was : Life member= 58, Associate Life member = 2, & Life member by Installment = 4. All the new applications were approved by the EC. The Secretary, Dr Rajiv Sinha informed the members that as of today our total Active membership strength stands at 2478, of which Life Members are 2181, Associate Life members – 243, Ordinary/Annual Members – 23, Corporate Members – 27 and Honorary Members – 4. There was no increase in the number of corporate members.

The nominations and the review reports received for the fellowship of ACBI were placed before the EC by the Secretary.

The EC approved the recommendations of the committee to award the fellowship of ACBI to Dr Rajendra Prasad, Past President of ACBI in the year 2016, for 2017.

Dr. Rajiv Sinha then placed before the EC the nominations received for different orations for 2017 and the reports of the oration award selection Committee. The EC ratified the decision of the selection committee.

The Secretary, Dr. Rajiv R Sinha placed before the EC, the applications received in response to the notification given in the ACBI News bulletin to fill the post of one Vice-President and State Representatives. The President announced that there was only one nomination for the post of Vice-President for which Dr Jairam Rawtani (Jodhpur) has applied. For the post of State Representative, EC validated all the applications received for presentation before GB.

The EC members ratified the recommendations of the committee for selecting Late Dr. M. V. R. Reddy, , Director-Professor, Department of Biochemistry, MGIMS, Sewagram, Wardha for the ACBI- A. J. Thakur Award for Distinguished Services in Clinical Biochemistry and Laboratory Medicine for the year 2017.

The EC looked into the applications received to host the 2018 conference. Proposals had been received last year by the ACBI Head Office for hosting the 2018 ACBICON in Goa and it was accepted by the General body with a proviso that he should re-confirm his bid in Lucknow in 2017. Dr Rajiv R Sinha, General Secretary, ACBI has confirmed that ACBI Head office along with Past President, Dr Praveen Sharma, Dr. Jayshree Bhattacharjee, Dr. Poornima Manjrekar and Dr Arun Raizada, will be hosting it in 2018. The dates proposed is the last week of September. His proposal is in order and was recommended for approval to the General Body. Members also requested that receipts for Registration and accommodation should be given separately. On the request of the Secretary, the EC passed a resolution authorizing the organizing committee to open a current account in State Bank of India Boring Canal Road, Patna with Dr Rajiv Ranjan Sinha (Organizing Secretary) and Dr. Krishnaranjan Prasad (Treasurer) as signatory.

The EC looked into the applications received to host the 46th. National conference in 2019.

The Secretary informed the members that as the 9th APFCB congress will be held in Jaipur in the month of November 2019. As has been the previous practice, the 46th Annual conference of ACBI will be held along with the APFCB Congress.

Dr. D. M. Vasudevan, Past President & Director, Indian Board of Clinical Biochemistry, presented a report on the progress of the Membership course of the Association. The course was started on 1st January 2013.

The syllabus was approved by the ACBI. The course is for 3 years, with 30 topics.

In the first batch 8 candidates have completed the course. I am very glad to report that the first batch of students got their certificates during the Convocation ceremony last year. The second batch commenced on 1st June 2013. Only 1 candidate completed the course. She will get the certificate during this convocation. The third batch commenced on 1st January 2014. Only one candidate completed the course. He will also get the certificate during this convocation. The Fourth batch commenced on 1st January 2015. Only one candidate was admitted. He has completed only topics 1-10. The Fifth batch commenced on 1st June 2015. One candidate was admitted. He had completed topics 1-25.

The 4th and 5th semester examinations are scheduled during this ACBI Lucknow conference. He informed that the Sixth batch started on 1st January 2016. Only one candidate was admitted. He has completed topics 1-20. The 3rd and 4th semester examinations are schedule during this ACBI conference. The Seventh batch started on 1st June 2016. Four candidate were admitted. They completed topics 1-15. The 2nd and 3rd semester examinations are being schedule during this ACBI conference. The Eight batch started on 1st June 2017. One candidate was admitted. She completed topics 1-5. The 1st semester examination is being scheduled during this ACBI conference. The positive side is that we have developed the course content; the reading material, the question bank etc. It will be easy for any course director to conduct the course for the coming batches.

Improvements can be made at any time. The negative side is that there are very few candidates registering for the course. The EC members were requested to suggest way and means to popularize this course.

The members expressed thanks to Dr Vasudevan and his whole team for running this flagship course of ACBI smoothly and successfully.

The General Secretary, Dr Rajiv R Sinha presented a brief report about the IFCC WorldLab Congress at Durban, South Africa. He informed that it was held from 23rd to 26th October 2017 at Durban, South Africa. Many delegates came from different parts of the world & Africa. It was a well attended conference. ACBI organized a talk on "Pathophysiology of Metabolic Syndrome". The speakers were Dr D M Vasudevan, Dr Kanan Vaidyanathan, Dr Praveen Sharma & Dr. Rajiv R Sinha. Dr Rajiv Sinha attended the meeting of the IFCC Executive Council in Durban. Our young ACBI members did us proud by bagging various travel awards to attend the congress.

The Secretary placed before the EC issues related to Agenda for the 44th. Annual GB meeting. The Draft copy was placed before EC for its consideration & review.

With the permission of chair, the Secretary informed all the members of the EC that the ministry of Health, Govt. of India had released the Clinical establishment Act in the Gazette of India and invited suggestions from all. Along with many individual members, the association also wrote to the ministry regarding their opposition to the rules framed without any consultation with the stakeholders. As a result of all this, the Director-General Health Services of Govt. of India invited different association to present their views before the committee headed by the DGHS. ACBI was represented by Dr Praveen Sharma (Past President) and Dr. Rajiv R Sinha (Secretary). He said that other association spoke before them and were one from Maharashtra (Practicing Pathologist & Microbiologist – Basically MLT's) & the Technician who have an M.Sc. degree.) We pointed out the basic fault in their thinking and impressed upon them that what they are doing is wrong. It was after our presentation, the committee agreed to form a separate committee to study in depth the points raised by us. Subsequently, the Ministry called a meeting of the newly formed committee on the 1st of November. Since I was out of the country, I requested Dr Praveen to attend the meeting along with Dr Chauhan from AIIMS, Delhi. Dr Sharma informed the EC that in these meeting experts who were called to discuss the Clinical Establishment Act were mostly from Medical colleges in Delhi and they all were in agreement that this act needs to be modified. We are hopeful that we shall be able to prevail on the ministry to change the rules regarding the signatories of Lab reports.

(b) Dr. Vasudevan & Dr Kannan has attended the AACC held in San Diego this year. They had an active discussion with Dr. Michael Bennet, President of AACC and Dr. Loretta Doan, Vice President, Science, Policy and Global Affairs of AACC. AACC is very much interested in conducting educational programmes during ACBI conferences. Dr Rajiv informed that he has invited them to come to the 2018 conference at Goa and the 2019 conference at Jaipur. They suggested that the awareness building up for screening for inborn errors of metabolism can be a starting point in this direction.

We can send a budget for this awareness educational program, so that they can include it in their annual budget next year. Secretary informed that this lead to the general discussion of how the screening for inborn errors of metabolism can be initiated in our country.

AACC have already started such a program in Latin America, with the help of the government and private agencies. We are also searching for good grants for starting up of similar program in India. Govt. of India is not very much interested in such programs at the moment.

This can be harnessed with collaboration between ACBI and AACC, with support from Govt of India or NIH or Bill Gates Foundation or from instrument or drug manufactures.

AACC is willing to take initiatives in this direction by organizing a workshop on Inborn errors during the Goa 2018 conference. Dr Kannan also suggested that we should promote AACC programs in our ACBI conferences by having regular AACC sessions.

EC members suggested that 1 hall should be named after the Late Dr Taranath Shetty, Past President ACBI, who was quite active in IEM diagnostics at NIMHANS.

Dr. Praveen Sharma, Chairman, Organizing Secretary of 19th APFCB Congress requested the EC members to provide seed money for organizing of the APFCB congress. After discussion, EC members agreed that the seed money may be drawn from the ACBI Main account and also the IJCB account.

The Executive Council recorded its appreciation on the excellent leadership provided by Dr Poornima Manjrekar, the President during the year 2017, in carrying out the activities of ACBI.

The meeting ended with a Vote of Thanks proposed by the secretary.



MINUTES OF THE 44th. ANNUAL GENERAL BODY MEETING

Lucknow, December 5th. , 2017, 6.00 pm

The 44th. General Body Meeting of the ACBI was held on 5th. December 2017 in Auditorium of King George's Medical University, Lucknow. The newly elected President, Dr. Abbas A. Mahdi chaired the proceeding of the meeting.

The meeting started with all members observing a 2 minutes silence in the memory of one of our senior & very active member, Dr. Maryada Venkatarami Reddy, 59, passed away on Sunday, April 9, 2017 following cardiac stroke. He had completed his M.Sc. degree from SV University, Tirupati and received PhD degree from MGIMS in 1987. Born and raised in Andhra Pradesh, he was a resident of Sevagram associating with MGIMS for 37 yrs. In MGIMS, he started his journey as a Junior Research Fellow in Biochemistry department in 1980 and then step by step he worked his way up as Demonstrator, Lecturer, Associate Professor/Reader and took charge as Professor and Head of the Biochemistry Department in 2002. In 2014, he became Director-Professor & Head of the Department of Biochemistry, MGIMS.

He had been honored with the FAIMER fellow in 2013 and was always eager to introduce interactive teaching and roping in e-learning in UG and PG training. He was actively involved as a member of the Academic Council, Faculty of Medicine and Board of Research and Chairman of Board of Studies (Pre-clinical) of Maharashtra University of Health Sciences (MUHS), Nashik. He had received many national and international awards and fellowships including MUHS Best Teacher.

Award (2011), Awadhesh Saran Memorial Oration Award (2010), Seth GS Medical College and KEM Hospital Oration Award (2004), Merit Award for free communication in the 10th International Congress of Immunology (1998) and Research Training and Travel Fellowship from WHO/UNDP/World Bank-TDR to Harvard School of Public Health followed by AACC and APFCB travel grants to visit and present research papers in United States. Dr. Reddy also received DBT Overseas Associateship in 2006 and spent six months at Department of Biomedical Sciences, University of Illinois, College of Medicine at Rockford, USA. It is to his credit that he received the DST-FIST grant twice for development of modern infrastructure facilities in the department of Biochemistry & JBTDR.

Dr. Reddy's research interests included development of diagnostic tests, vaccines and therapeutic tools for filariasis and assessment of immunomodulatory activity and

therapeutic potential of filarial proteins in autoimmune diseases. Some of the filarial molecules viz., glutathione transferase, heat shock protein, cystatin, ribosomal phosphoprotein and abundant larval protein (ALT2) have been identified and evaluated as lead vaccine candidates. His group also has developed and validated a SXP/ RAL2 family protein (rWbL2) based filarial diagnostic test. He had published around 130 papers and has two patents to his credit. His research projects had received extra mural research funding from WHO, DBT, DST, UGC and ICMR. Over the years, his research and teaching expertise and reputation led him to be considered the one of the best PG and PhD Guide.

He was a very active member of the Association of Clinical Biochemists of India (ACBI). which he joined in January 1994. He was the General Secretary of ACBI from 2004 to 2009. He was actively involved with each and every activity of the association. He also represented the ACBI on various international societies like IFCC & APFCB. He was the ACBI representative to the IFCC. His was always a calming & firm voice in the Association and his loss has left a void which would be difficult to fill.

He not only took pride in his career life, but truly relished the friends he made during his lifetime. He was a beloved Son, Husband, Father, Grandfather, Teacher and a Guide. He was well known for his perfection, hard-work, devotion and enthusiasm. Dr. Reddy is now a falling star who has finally found place in a lovely constellation, where he will sparkle in the heavens forever. However, MGIMS, ACBI and his family will always miss him. We pray to the almighty. May his souls rest in peace. It is resolved that a copy of the resolution be sent to the family member of Dr Reddy.

The General Secretary, Dr. Rajiv R. Sinha, placed the minutes of the 43rd. General Body meeting held at Mangalore under the chairmanship of Dr Poornima Manjrekar, which was earlier circulated through March 2017 issue of the ACBI News Bulletin. (Volume No.46/ No.-01). As there were no comments received, the minutes were approved by the house.

The General Secretary presented the report of the EC regarding the applications received for hosting the 2018 National conference. Proposals had been received last year by the ACBI Head Office for hosting the 2018 ACBICON in Goa and was accepted by the General body with a proviso that he should re-confirm his bid in Lucknow in 2017. Dr Rajiv R Sinha, General Secretary, ACBI has confirmed that ACBI Head office along with Past President, Dr Praveen Sharma, Dr Arun Raizada, Dr Poornima Manjrekar, Dr Sucheta

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Dandekar & Dr L M Srivastava will be hosting it 2018. His proposal has been vetted by the Executive Council and is in order. Dr Rajiv Sinha gave a brief presentation before the GB and invited all members to attend the next conference at Goa.

The General Secretary presented the report of the EC regarding the applications received for hosting the 2019 National conference. The Secretary explained that as the 9th APFCB will be held in Jaipur in the month of November 2019. As has been the previous practice, the 46th Annual conference of ACBI will be held along with the APFCB Congress.

The GB was informed of the important decisions taken at the EC meeting held on December 3rd. The GB ratified the decisions taken during the 44th. Pre-GB EC meeting as noted below.

1. The secretary informed members about Dr. D. M. Vasudevan and Dr. Kannan Vaidyanathan attending the AACC conference in US and about their discussion with the President and CEO regarding collaboration between the two society in the field of Inborn Errors of Metabolism. Dr. Kannan was requested by the President to explain to the members present regarding this talk and the GB authorized him to take this talk with AACC to its conclusion.
2. The Secretary, Dr Rajiv Sinha informed the members about the problem being faced by many members with the Government firm in implementing the Clinical Establishment ACT (CEA). The Secretary informed members that he along with Dr Praveen Sharma, Past President, attended the meeting called by the Director General Health Services regarding the issue of signatory of reports. Members voiced their concern about the future of the members with the implementation of this rule authorizing MD Pathology to countersign all laboratory reports.

There was general agreement to Dr Praveen Sharma's statement that steps should be taken to protect the interest of the ACBI members. He also stressed that ACBI has all along been an Academic association and since this is of great concern, than something should be done. Dr Harsh Vardhan Singh requested the house to do something urgently and to form an action committee.

A member suggested that the ACBI constitution be amended by President and Secretary so that the association so that the protection of the members is also included. Members from various medical colleges & institutes raised points regarding this gross injustice being done on us.

The house unanimously decided to form two committees who would formulate a plan of action and send it to the ACBI Executive Board. The two committees and its members were:

(a) CLINICAL ESTABLISHMENT ACT :

- Dr Kannan Vaidyanathan
- Dr K. J. Goswami
- Dr Sadanand Naik
- Dr T. Venkatesh (Chairman)
- Dr Seema Bhargava
- Dr H. V. Singh (member secretary)

(b) MCI COMMITTEE

- Dr. Neelima Singh
- Dr. S. K. Das
- Dr. V. J Chungroo
- Dr Kalbe Jawed
- Dr. Jayshree Bhattacharya (Chairman)
- Dr. Jairam Rawtani (member-secretary)

The GB took up the matter related to the election of the office bearers of the Association, one Vice-President and State Representatives was taken up for discussion. The following were the members who were elected for the different posts in the EC for 2018.

(1) Vice President (2) -

Dr Jairam Rawtani (Jodhpur)

(2) State Representative -

Delhi	-	Dr. Mamta Kankara
Rajasthan	-	Dr Shailja Chambial Sharma
Haryana	-	Dr. Aditi Gupta
West Bengal	-	Dr. Subir Kr. Das
Kerala	-	Dr. George Abraham
Maharashtra	-	Dr. Rohini Bhadre
Chandigarh	-	Dr. Jyotdeep Kaur
Punjab	-	Dr. Mridula Mahajan
Jammu & Kashmir	-	Dr Syed Mudassar
Orrisa	-	Dr Manorma Swain
Andhra Pradesh	-	Dr. J. N. Naidu
Pondicherry	-	Dr. Medha Rajappa
Uttar Pradesh	-	Dr. Mohd Kaleem Ahmed
Telangana	-	Dr. I. Mohan Kumar
Tamil Nadu	-	Dr. R. Arivazhagan
Uttarakhand	-	Dr. Vinit Mehrotra
Karnataka	-	Dr Shashikant Nikam
Bihar	-	Dr Rekha Kumari
Madhya Pradesh	-	Dr Sukhes Mukherjee

The house authorized the General Secretary to select the other state representative for which no nominations were received. Dr. Abbas Mahdi, President, requested the elected State representative to be more active and to organize academic activities at a regular interval.

The General Secretary informed the house that Dr. Subir Kumar Das (recipient –Seth G. S. Medical College & KEM Hospital Oration) has donated the money that he had received with the awards to the ACBI BENEVOLENT FUND. The GB applauded his gesture.

The House congratulated Dr.T Venkatesh for the award that he received in UAE.

The Executive Council recorded its appreciation on the excellent leadership provided by Dr Poornima Manjrekar, the President during the year 2017, in carrying out the activities of ACBI.

The meeting ended with a Vote of Thanks proposed by the President, Dr Abbas A. Mahdi.

MINUTES OF THE 44th POST-GB EXECUTIVE COUNCIL MEETING

(Lucknow, December 7, 2017)

The Newly elected Executive Council (EC) of ACBI met on December 7th. 2017, at 12:30 pm in the meeting room at Convention centre, KGU, Lucknow. The meeting was presided over by Dr. Abbas A. Mahdi, the President of ACBI. Dr Mahdi welcomed the members of the new Executive Council.

Dr. Rajiv Ranjan Sinha, the General Secretary presented the proceedings of the previous executive council meeting held on 3rd. December 2017, which was accepted.

Taking stock of the organization of ACBICON 2017 : All the members were very appreciative of the manner in which the organizing committee of the ACBICON 2017 had worked hard to host a very successful conference.

Dr. Rajiv R. Sinha, the General Secretary placed before the EC the matter regarding declining attendance of members to the ACBI National Conference. He exhorted the Zonal EC members to liaise with the State representatives and try to find out the reason for this.

The members extensively discussed about the topic which was taken up during the General Body Meeting and exhorted all the members of the newly formed sub-committee to actively discuss amongst themselves and present their proposal for vetting by the EB of the association.

Members gave their suggestion pertaining to the organization of the 2018 ACBICON to be held at Goa.

The meeting ended with a vote of thanks from the President, Dr. Abbas A. Mahdi.



CALLING ALL YOUNG DELEGATES

"ACBI YOUNG SCIENTIST BURSARY"

Applications are invited from Young scientists attending the ACBI National conference for the award of the Young Scientist Bursary.

The criteria for bursary selection are as follows:

1. Age of the candidate should be 35 or less than 35 years on 31st. December of the year of the conference.
2. Candidate should be a member of ACBI or if not a member then he/she shall have to take Sessional membership for the conference.
3. Having a Poster / Abstract accepted.
4. Work to be presented at conference should be original as evaluated by the scientific committee.
5. The candidate should give an undertaking that he/she did not receive any grant from any other government or private sources.
6. The candidate should submit application through proper channel, i.e. signed by head of department or head of Institution.

Two candidates will be selected for award of **FULL BURSARY** and Two candidates will be selected for **PARTIAL BURSARY**. One bursary will be given to candidate contesting for any oral Award presentation, and the Second bursary will be given to candidate presenting Poster.

FULL BURSARY will provide:

- Full Registration for the conference

- Three night accommodation
- To & fro AC 3 Tier rail fare

Each PARTIAL BURSARY will provide:

- Full Registration for the conference.

Bursary recipient will be selected by the Bursary Award Committee on the basis of information provided through the "Bursary Application Form" submitted within the deadline provided in the Final Brochure of the conference & also on the ACBI Website.

Applications for Bursary would be invited through the ACBI News Bulletin (March issue) and the Final Brochure of the conference. The application along with all documents should be sent to the Organizing Secretary of the Conference before the last date for call for abstract as published in the Final brochure or the conference website.

Candidates applying would have to submit the following : (1) Proof of registration, (2) Proof of membership of ACBI, (3) Proof of age, and (4) copies of their Oral /Poster presentation to the committee for evaluation, (5) a letter stating that they have not received any grant for attending the conference. All applications have to be forwarded by their Head of departments /Institution. The Awardees name will be announced during the conference. The awardees will have to submit photocopy of her to & fro rail ticket, Conference registration receipt & Hotel receipt to the General Secretary/ Treasurer, ACBI just after the valedictory function to claim the award.



A.C.B.I. Travel Fellowship

Applications are invited from Young members of the Association by the Organizing Secretary of the Annual conference for availing this fellowship. **This award shall be awarded to Young Members of ACBI below the age of 35 whose paper has been accepted for presentation and who has not availed any other assistance through any other source.** Total number of Travel Fellowship award will be Five (5). **The Application for Travel Fellowship should be addressed to the General Secretary, ACBI and submitted to the ACBI Secretariat address [Dr. Rajiv R. Sinha, General Secretary, Biochem-Lab, East Boring Canal Road, Patna – 800 001.]** He/She should enclose proof of membership of ACBI, proof of Age, Proof of conference registration and certificate from the Head of the department of non-receipt of any other financial support. The award will be decided by a committee consisting of the Organising Secretary, President and General Secretary of ACBI. The awardees will be given To and Fro 3 tier sleeper class rail fare to the maximum of Rs. 1000/-. Preference will be given to those who has to travel from far of places. The awardees name will be announced during the valedictory function of the conference and the cheque will be presented.

The Travel Fellowship has been constituted by a donation of Rs. Twenty five Thousand by Dr. A. S. Kanagsabapathy, Organising Secretary, ACBI conference, Vellore ; Rs. Twenty Five thousand by Dr. Vijay Singh Thakur, Organising Secretary of Workshop in Quality Control held at AIIMS, New Delhi & Donation of Rs. Fifty Two Thousand by Mr. S. K. Manhar, Director, Priman Instruments Pvt. Ltd, New Delhi.



**Health is the greatest gift,
contentment the greatest wealth,
faithfulness the best relationship.**

Buddha

NOMINATIONS INVITED FOR ORATION AWARD

Nominations from members are invited for the following orations awards during ACBI Conference in Goa being held from 24th to 27th October 2018. Nomination should reach **General Secretary Dr. Rajiv R. Sinha**, Biochem-Lab, East Boring Canal Road, Budha Colony Main Road, Patna – 800 001. email: kpsacbi@yahoo.co.in by 30st June 2018. The nomination should be on letter head or plain paper giving information about proposed nominee regarding his/her achievement, qualification, position and some reference about the field of work.

[1] AWADHESH SARAN MEMORIAL ORATION AWARD

This oration was started in 1978 to commemorate the Founder President, Dr. Awadhesh Saran, who died prematurely in 1976. An eminent scientist is invited to deliver a lecture on a subject of interest to the clinical biochemists. The speaker may or may not be a biochemist or a member of ACBI or Indian national.

[2] K. L. GUPTA MEMORIAL ORATION AWARD

The Oration was started in 1993 by Dr T. Malati and her brothers by donating a sum of Rs. 40,000 and again donating Rs. 50,000 in 2011. The nominee should be an eminent scientist working in the field of Oncology. He/She may or may not be member of ACBI or an Indian National.

[3] K. E. M. HOSPITAL AND SETH G. S. MEDICAL COLLEGE ORATION

This oration was started in 1992 by the then Organising Secretary, Dr. A. V. Potnis, Prof. of Biochemistry of K.E.M. Hosnital & Seth G.S. Medical College. Bombay by donating a sum of Rs. 15,000=00 from savings of the conference. Dr. Sucheta Dandekar, Professor of Biochemistry, Seth G.S. Medical College, Mumbai has further added Rs. 15,000/ from the savings of a Workshop on Quality Management held in December 2005 at Seth G.S. Medical College, Mumbai and also donated Rs. 1.0 lacs from savings College, Mumbai and also donated Rs. 1.0 lacs from savings of ACBICON 2010 at Mumbai. The nominee should be an eminent Biochemist/Pathologist/Clinician/Scientist to give a lecture on topic related to Clinical Biochemistry. Lecture He/She may or may not be member of ACBI or an Indian.

National.

[4] Dr. T. N. Pattabhiraman Oration

This oration was created in year 2004 in the name Dr. T. N. Pattabhiraman, Ex-Professor of Biochemistry, Kasturba Medical College, Manipal and Past President of ACBI, by donation of Rs. One lakhs and one thousand by his admiring students. The oration will take place annually during ACBI National Conference.

The **Award** nominee should be an eminent Biochemist/Pathologist/Clinician/Scientist to give a lecture on topic related to Clinical Biochemistry. He/She may or may not be member of ACBI or an Indian National.

[5] Mrs. & Dr. G. P. Talwar Oration

This Oration was created in 2005 by a donation by Dr. G. P. Talwar Foundation of Rs. one lac. Dr. G. P. Talwar is a renowned Biochemist who was Head of Biochemistry in All India Institute of Medical Sciences, New Delhi and later, Director of Indian Institute of Immunology, New Delhi. He was President of ACBI in the year 1982.

The **Award** nominee should be an eminent Biochemist/ Immunologist/ Pathologist/ Clinician/ Scientist to give a lecture on topic related to his research done in India in the last 5 years which is of interest to clinical biochemists. He/ She may or may not be member of ACBI or an Indian National.

[6] Taranath Shetty Memorial Popular Lecture Oration.

This oration was created by the Association in the Executive council meeting held at Kolkata in December 2008 in the fond memory of a very dynamic and energetic member, Dr. K. Taranath Shetty. The Oration will be on topics to popularize science, particularly related to human health and to dispel myths from the minds of the people. It has been planned to organize this oration every year during Annual National Conferences. The Organizing secretary shall inform the public through news paper and other announcement.

The oration will be organized in a large space to accommodate general public besides delegates. Orator shall be selected from nominations received from members, award committee members and the Organizing committee. The awardee shall be presented a memento, certificate and award money.

ORAL PRESENTATION OF AWARD PAPERS

The Organizing Secretary shall be inviting papers for the below mentioned Awards from **members of the Association including sessional members** through the final announcement of the conference and the papers should reach the Organizing Secretary of the conference by the date fixed for receiving papers for the conference. These papers shall be evaluated by Scientific Committee of the conference. On the basis of evaluation done by members of the scientific committee, **the organizing secretary shall select 2 best papers of each award** and inform their authors to present them at a special session for award papers before 3 judges selected by the President from amongst senior delegates for this purpose. Each presentation shall not be of more than 8 minutes duration. After presentation of each paper, 2 minutes shall be devoted on discussion by the judges and the audience. The best paper author of each Award as decided by the judges shall be given certificate and money at the valedictory function.

You can make yourself ready to submit your paper in time indicating the name of the award for which the paper is being submitted. Any member including Sessional Member, whose age on 31st December of the Year is below 35 years, is eligible to take part in the contest.

(NOTE : If not already a ACBI member, then one has to take a Sessional Membership by applying to ACBI Head office. Membership Form to be downloaded from www.acbindia.org.)

[1] PITABUS-JAMUNA BURMA MEMORIAL AWARD

Dr. D. P. Burma, Professor of Biochemistry, Institute of Medical Sciences, Benaras Hindu University instituted this award in memory of his father and mother by donating a sum of Rs.5000/- in 1982 . As per the resolution of the General Body passed in December 2011, Gwalior, this was further supplemented by a donation of Rs. 50,000 from the ACBI Corpus fund.

As per the resolution of the General Body passed in December 2011, Gwalior, this was further supplemented by a donation of Rs. 50,000 from the ACBI Corpus fund.

The applicants have to submit a write up (not more than 2000 words) on an original research work in medicine based on approaches in biochemistry or molecular biology, **published by any other author/authors, excluding himself and his group**, in any prestigious journal of the world in the preceding one year. **[It must not be your work]**. Application along with (1) 4 typed/photo copies of the write up, (2) 4 photocopies of the original paper, (3) documentary evidence of age and (4) proof of membership of ACBI should be submitted to the Organizing Secretary before the dead line.

The winner of the award shall be given a cash award and a certificate at the Valedictory function of the same conference.

[2] SITA DEVI AWARD

This award was created by a donation of Rs.5000/- by the Organising Secretary of 6th. Annual Conference of ACBI, Dr. C. Sita Devi, in 1980 and later again Rs.5000/- from her own side. As per the resolution of the General Body passed in December 2011, Gwalior, this was further supplemented by a donation of Rs. 50,000 from the ACBI Corpus fund. **The cash award and a certificate are given to the person whose paper in oral presentation was considered best and worth.** The applicant shall submit (1) 4 typed/ photo copies of the paper, (2) documentary evidence of age (3) proof of membership of ACBI (4) no objection certificate from co-authors, if any, to the Organizing Secretary before the dead line. The winner of the award shall be given a cash award and a certificate at the Valedictory function of the same conference.

[3] P. S. MURTHY - UCMS AWARD FOR BEST PAPER IN THE FIELD OF :

- (1) INFECTIOUS DISEASES,**
- (2) DEVELOPMENT OF DRUGS FROM PLANT SOURCES**
- (3) DIABETES and**
- (4) CARDIOVASCULAR DISEASES.**

These awards were created by a donation of Rs.10,000/ by Prof. P. S. Murthy in 1993.

And subsequently as per the resolution of the General Body passed in December 2011, Gwalior, this was supplemented by a donation of Rs. 50,000 from the ACBI Corpus fund. This was further supplemented by a donation of Rs. 49,000 from the saving of the XX Annual conference held at Delhi. Papers for the award are invited under 4 categories, i.e. (1)

Infectious Diseases, and (2) Development of Drugs (3) Diabetes and (4) Cardiovascular Diseases.

One best paper in each category is awarded with certificate and cash. If no paper under one category is available or considered worth, then both awards shall go to two top papers of the other category. In case no paper in either category is considered worth, then similar papers in Poster Sessions should be considered for the award. The award shall be presented to winners during the Valedictory Function of the conference.

The applicant shall submit (1) 4 typed/ photo copies of the paper, (2) documentary evidence of age (3) no objection certificate from co-authors, if any and (4) evidence of membership of ACBI, to the Organizing Secretary before the dead line.

[4] MGIMS AWARD FOR BEST PAPER IN THE FIELD OF TROPICAL DISEASES

This award was created in the year 1994 by a donation of Rs.10,000/ by Dr. B. C. Harinath, the Organising Secretary of 20th. ACBI conference, Sevagram,. As per the resolution of the General Body passed in December 2011, Gwalior, this was further supplemented by a donation of Rs. 50,000 from the ACBI Corpus fund.

The Award is open for original work in biochemical/ immunological/ molecular aspects of Tropical Diseases.

The applicant shall submit (1) 4 typed/ photo copies of the paper, (2) documentary evidence of age (3) no objection certificate from co-authors and (4) evidence of membership of ACBI, to the Organizing Secretary before the dead line.

In case no paper is considered worth, then similar papers in Poster Sessions should be considered for the award. The award shall be presented to winners during the Valedictory Function of the conference.

POSTER AWARDS

A number of awards will be granted to the best posters presented at the conference. All young scientists aged 35 year or less (on 31st. December of that year) submitting a poster at the ACBI National conference will be considered for the Poster Award Competition. No applications are required to be submitted.

[1] NIMS AWARD FOR BEST POSTER

The award was instituted in 1994 by a donation of Rs. 10,000/ by the Organising Secretary of XIX Annual Conference of ACBI, Dr. T. Malati, Professor and Head of the Dept. of Biochemistry, Nizam's Institute of Medical Sciences (NIMS), Hyderabad. As per the resolution of the General Body passed in December 2011, Gwalior, this was further supplemented by a donation of Rs. 50,000 from the ACBI Corpus fund.

There are 2 awards - One award is for the best poster in the **field of Cancer** and another in **Non-Cancer** field. **There is no application required to win this award.** All posters shall be evaluated by a panel of judges drawn from the delegates, who have been selected by the President in consultation with the Organising secretary. The award shall be presented during the Valedictory function of the conference.

[2] Dr. P. Usha Sarma Best Poster Award in Genomic Proteonomic sciences – Clinical Application

The award was instituted in 2013 by a donation of Rs. 50,000/ by Dr. P. Usha Sarma, Retired Professor and Head of the Dept. of Biochemistry, Dr. B. R. Ambedkar Institute of Genomic Research, New Delhi. There will be one award to the Best poster in the field of Genomic Proteonomic Sciences – Clinical application during the ACBI Annual Conference.

[3] POSTER AWARDS FROM ORGANIZING COMMITTEE

Organizing Committee shall also announce 5 or more awards for excellent posters and the process of selection will be the same by the same judges of the NIMS Award. **There is no application required to win this award.**

Thus Poster awards fall in following categories:-

- (1) Cancer – 1**
- (2) Non-cancer – 1**
- (3) Genomic Proteonomic Sciences – Clinical Application**
- (4) In case no award is given for Oral presentation of**
 - (a) P. S. Murthy Award for**
 - (i) Infectious diseases (ii) Development of drugs from plant sources, And**
 - (b) MGIMS Award for papers on Tropical diseases. Posters on these topics will by considered for those awards**
- (5) Organizing committee award for visually excellent Posters.**

AFMC QUIZ AWARD

This award was instituted by the Organizing Secretary of 33rd ACBICON 2006, Pune, Col. Parduman Singh by giving a sum of Rs. 2,00,000 from the savings of the conference. The money shall be deposited in Fixed Deposit by Head Office and out of annual interest accrued, 70% shall be used for giving award and 30% shall be reinvested in fixed deposit to take care of inflation and varying interest rates. There shall be **two awards** each year based on QUIZ contest held during conference. Col. Singh has further donated a sum of Rs. 5000.0 for preparation of a RUNNING TROPHY which shall be given to one who scores highest marks in the contest. He / she shall return the trophy to the next Organizing Secretary before next annual conference is held.

This quiz is open to all young Clinical Biochemists and Post-graduates students in Biochemistry/ Clinical Biochemistry in Medical institutions whose age on 31st December of the year shall be below 35 years. Those desirous of taking part in this competition should give their name to the organizing secretary

Application for ACBI Best Paper Award

To
The Organizing Secretary
44th. ACBICON 2018
Goa

Sir,

I am submitting a paper entitled

byet al, for the best paper award during the conference. I am aware of the terms and conditions of competing for the award and abide by the rules.

Preference for the award to be considered is indicated as below (only one choice):- Pitabus Jamuna Burma Award / Sita Devi Award / P. S. Murthy Award / MGIMS Award **(tick the preference)**

Enclosures:

1. Two sets of full text of the paper, along with abstract in a format as required for IJCB
2. Documentary evidence of age
3. No objection certificate from co-authors, if any
4. ACBI membership number
5. Photocopy of documentary evidence of membership.

Kindly acknowledge the receipt of the same and inform me the date of presentation, if considered for presentation.
(No separate entry is required for Poster Awards)

Name

Address

Contac Numbers:.....

E-mail id

Date

Name Signature and Address

Application for AFMC QUIZ Award

To
The Organizing Secretary
44th. ACBICON 2018
Goa

Sir,

Iwish to participate in the AFMC Quiz competition I
am aware of the terms and conditions of competing for the award and abide by the rules.

Enclosures:

1. ACBI membership number
2. Photocopy of documentary evidence of membership.

Name

Address.....
.....
.....
.....

Contac Numbers:.....

E-mail id

Date

Name, Signature and Address

Application for ACBI YOUNG SCIENTIST BURSARY AWARD

To
The Organizing Secretary
44th. ACBICON 2018
Goa

Sir,

Ihaving ACBI Membership number
.....am submitting an application for my name to be considered for the award of ACBI
YOUNG SCIENTIST BURSARY to attend the Annual National Conference. I am aware of the terms and
conditions of competing for the Bursary award and abide by the rules.

Enclosures:

1. Two sets of full text of the paper/Poster.
2. Documentary evidence of age.
3. No objection certificate from co-authors, if any
4. ACBI membership number
5. Photocopy of documentary evidence of membership.
6. Photocopy of evidence of registration for the conference and acceptance of
Abstract/ Poster.

Kindly acknowledge the receipt of the same.

Name

Educational Qualifications

Current Position

ACBI Membership Number :

Address.....
.....
.....
.....

Contac Numbers :

E-mail id

Date

Name Signature and Address

Notice

Fellowship of the Association of Clinical Biochemists of India (FACBI)

Nominations for award of FACBI to suitable ACBI members are invited from Fellows and senior members of the Association so as to reach the General Secretary Dr. Rajiv R. Sinha, Biochem-Lab, East Boring Canal Road, Budha Colony Main Road, Patna – 800 001. email: kpsacbi@yahoo.co.in) by **31st. July 2018** Association of Clinical Biochemists of India awards Fellowship to distinguished members of the Association on the basis of their achievement.

Eligibility for the nominee:

Nominee should be a Life member of ACBI of at least 10 years standing. He/She should have at least 15 years of teaching / research / analytical experience in the areas of clinical biochemistry or has done distinguished services to ACBI.

Nomination letter duly signed by proposer along with 4 copies of (a) Biodata of nominee in the prescribed format (to **be down loaded from ACBI website: ACBI Constitution- Annexure**), (b) list of publications by the nominee in IJCB or other indexed journals with **4 copies of reprints of 6 papers of which 3 are recent ones**, (c) proof of various statements made in Biodata.

Format for Nomination of Fellow of ACBI

To
The Secretary
Association of Clinical Biochemists of India
Dr. Rajiv R. Sinha
Biochem-Lab
East Boring Canal Road,
Budha Colony Main Road,
Patna – 800 001

Sir,

I,have the pleasure of nominating

Dr. (name, address & ACBI membership number).

I also enclose (a) Biodata of nominee and (b) list of publications with reprints of 6 papers.

Name :

Address:.....

.....
.....

Contact Nos.....

Date

Place

Signature of the proposer

Congratulations

Winners of ACBI Fellowships and Awards, 2017

ACBI FELLOWSHIP AWARD (FACBI)

- **Dr. Rajendra Prasad, Professor & Head,** Department of Biochemistry, PGIMER, Chandigarh

ACBI- A. J. THAKUR DISTINGUISHED CLINICAL BIOCHEMISTS AWARD

- **Late Dr. M. V. R. Reddy, Professor & Head,** Department of Biochemistry, MGIMS, Sewagram, Wardha. (Posthumously)

ACBI ORATION AWARDS, 2017

AWADHESH SARAN MEMORIAL ORATION

- **Dr. Sucheta Prakash Dandekar,** Professor & Head, Dept. of Biochemistry, Seth G. S. Medical College & KEM Hospital, Mumbai. *"Towards patient-centered health care ...Biochemist's responsibility."*

SETH G. S. MEDICAL COLLEGE & KEM HOSPITAL ORATION

- **Dr. Subir Kumar Das,** Department of Biochemistry, College of Medicine & JNM Hospital, WBUHS, Kalyani, Nadia, West Bengal. *"Alcoholic Liver Disease : Pathogenesis, Biochemical Markers and Treatment"*

DR T. N. PATTABIRAMAN ORATION AWARD

- **Dr. T. Malati,** Krebs Biochemicals & Industries Ltd, Hyderabad. Formerly Professor & Head, Department

of Biochemistry, Nizam's Institute of Medical Sciences, Hyderabad. *"Task Force on Indian Normative clinical Laboratory Parameters"*

DR T. N. PATTABIRAMAN ORATION AWARD

- **Dr. T. Malati,** Krebs Biochemicals & Industries Ltd, Hyderabad. Formerly Professor & Head, Department of Biochemistry, Nizam's Institute of Medical Sciences, Hyderabad. *"Task Force on Indian Normative clinical Laboratory Parameters"*

K. L. GUPTA MEMORIAL ORATION

- **Dr. Madan Lal Brahma Bhatt,** Vice Chancellor, King George's Medical University, U.P., & Professor Dept of Radiotherapy, King George's Medical University, Lucknow. *"Identification of novel biomarker of Human urinary bladder cancer using High-densityoligonucleotide Microarray"*

MRS. & DR G. P. TALWAR ORATION AWARD

- **Prof. Maurizio Ferrari,** President, IFCC, Professor of Clinical Pathology University Vita-Salute San Raffaele, Director of Clinical Molecular Biology and Cytogenetics Laboratory, Head of Unit Genomics for Diagnosis of Human Pathologies, IRCCS San Raffaele, Milan. Italy.
- *"How to imagine the future of Laboratory Medicine"*

OTHER AWARDS

- **K.P. SINHA - P.S. KRISHNAN AWARD FOR BEST PAPER PUBLISHED IN IJCB (2017):**

Sridhar M. Reddy, Pooja M. Reddy, Nitin Amdare, Vishal Khatri, Aaditya Tarnekar Kalyan Goswami, Maryada Venkata Rami Reddy "Filarial Abundant Larval Transcript Protein ALT-2: An Immunomodulatory Therapeutic Agent for Type 1 Diabetes" **Vol. 32, No 1 (Jan-March 2017). Year 2017.**

- **DR SITA DEVI AWARD**

Dr. Shailendra Dwivedi, AIIMS, Jodhpur
- Tobacco exposure by various modes modulate Pro-(IL-12) and anti-(IL-10) Gene expression and influence the median survival of prostate carcinoma patients.

- **NIMS BEST POSTER AWARD :**
(1) **CANCER : Dr. Radhika Misra (Era's Lucknow Medical College Lucknow)**

"PD-L1 expression in colorectal Adenocarcinoma: An Immuno-Histochemical study in tissue microarray"

- (2) **NON-CANCER : Dr. Prasenjit Mitra (AIIMS, Jodhpur)** "Role of an isolated compound from the leaves of *Astilberivularis* in Restraint stress induced gastric ulceration and anti-oxidant defense indices in rats"

- **ACBI YOUNG SCIENTISTS BURSARY AWARD**

1. **Mr. Pawan Kumar Kare** – Kalpana Chawla Govt Medical College & Hospital, Karnal, Haryana

- **ACBI TRAVEL AWARD :**

1. **Dr. Pawan Kumar Kare** (Kalpana Chawla Govt Medical College, Karnal, Haryana)
2. **Dr. Gishu Sweta** (Nalanda Medical College &

Branch Reports

There were quite a large number of scientific meetings / workshops arranged by the State/Regional Chapter throughout 2017

ACBI WEST BENGAL CHAPTER

ACBI West Bengal Chapter and Department of Biochemistry, College of Medicine & JNM Hospital, WBUHS, Kalyani organized a national conference on “Biomarker” on January 19-20, 2018.

The program was inaugurated by the Principal, COMJNMH and Prof. Abbas Ali Mahdi, President, ACBI and the Hon’ble Vice Chancellor of Era University. Prof. D.M. Vasudevan was felicitated by Prof. Subir K Das, of COMJNMH. In Key note address, Prof. D.M. Vasudevan highlighted detection, methods of discovery and applications of Biomarkers.

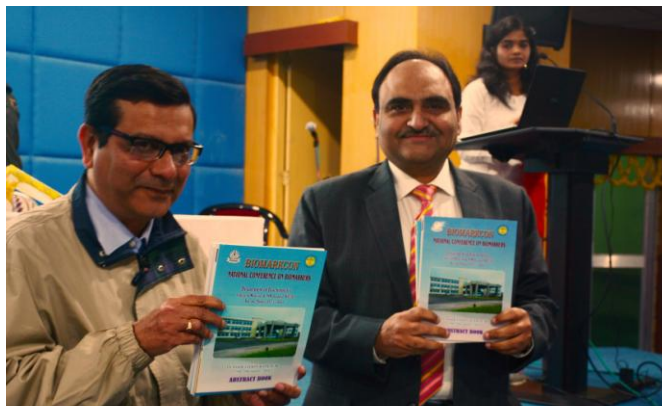
Dr Subrata Chattopadhyay, Ex-Director, Bio-Science Group, Bhabha Atomic Research Centre, Mumbai, convincingly showed that autophagy mediators can be promising biomarkers for better management of neuroblastoma, avoiding drug resistance. Dr. Sanjay Gupta from ACTEC,

Tata Memorial Centre, Navi Mumbai, discussed the importance of altered histone modifications in cancer and whether their levels in serum of patient samples can prove valuable as a non-invasive biomarker strategy in detection, treatment and predicting response to therapy.

Dr. Sandeep Singh from National Institute of Biomedical Genomics, Kalyani, showed that at least two distinct subtypes of stromal fibroblasts were present among all the established cultures and in primary tumors of gingivobuccal oral cancer.

These subtypes of stromal fibroblasts were distinct because of their gene expression differences and differently regulated the stem-like behavior of oral carcinoma cells. Dr. Prasunpriya Nayak from AIIMS, Jodhpur inferred that microgravity sensitized endothelial cells promotes angiogenesis, which can be used as a primer to ensure an efficient wound healing process.

Dr. Kalyan Goswami from MGIMS, Sevagram, Wardha refined and redefined as visceral adiposity which ultimately got associated with a more specific inflammatory theory based on cytokines and / or adipokines in metabolic syndrome. Dr. Kannan Vaidyanathan from Pushpagiri Institute of Medical Sciences, Tiruvalla, Kerala discussed on



Dr. Prathamesh H Kamble from AIIMS, Jodhpur suggested that tachycardia and bradycardia latency are good biomarkers for early diagnosis of cardiac autonomic neuropathy. Dr. Soma Gupta from NRS Medical College, Kolkata suggested developing effective predictor of MDD by combining different biochemical parameters. Dr. Nilkanta Chakraborty from Calcutta University discussed on biomarkers for neurodegenerative diseases.

Dr. Nitai P Bhattacharyya, former Professor of Saha Institute of Nuclear Physics, Kolkata, discussed the potential use of circulating cell free nucleic acid as markers for diseases other than cancer. Possible role of miRNA and long non-coding RNA as markers and pathogenesis in diabetes and Systemic lupus erythematosus were also discussed.

Dr. Vijay Kumar Kutala from Nizam's Institute of Medical Sciences, Hyderabad, explained utility of several promising novel biomarkers that had been identified for the diagnosis and prognosis of heart failure, which includes those of myocardial stretch: brain natriuretic peptide (BNP), NT-proBNP, mid-regional pro-adrenomedullin (MR-proADM), markers of myocyte injury such as troponins and other biomarkers that show promising utility in HF are C-reactive protein (CRP), Galectin-3 (Gal-3), Interleukin-6 (IL-6), ST-2, neutrophil gelatinase-associated lipocalin (NGAL), growth differentiation factor-15 (GDF-15). Dr. Pradeep Naik from Gleneagles Global Hospitals, Hyderabad suggested that Lp-PLA2 is a best risk biomarker of direct measure of artery wall enzyme activity, independent of other cardiovascular markers.

Dr. Snehasikta Swarnakar, from Indian Institute of Chemical Biology, Kolkata discussed on critical role of MMP-2 and -7 in endometriosis. Dr. S Prakash from AIIMS, New Delhi, suggested that high circulating GDF-15 levels may serve as a novel biomarker of NAFLD.

Dr. Manidip Pal from COMJNMH, WBUHS, Kalyani stressed on developing biomarkers to early detection overactive bladder (OAB) for management of urinary urgency, usually accompanied by frequency and nocturia, with or without urgency urinary incontinence, in the absence of urinary tract infection or other obvious pathology.

Dr. Sudip Kumar Datta from AIIMS, New Delhi provided a comprehensive idea about the interpretation of commonly used biomarkers in the setting of chronic kidney disease and dialysis. Dr. Jishu Naskar from University of Kalyani, presented spectroscopic and calorimetric study of the interaction between an aromatic tripeptide with ct-DNA. Dr. Sukhes Mukherjee from AIIMS, Bhopal discussed on biochemical and haematological parameters associated with risk factors of pulmonary tuberculosis patients.



Prof D.M. Vasudevan convened a panel discussion on "Translation from Biomarker Discovery to Clinical Relevance". Dr. S.Chattopadhyay, Dr. Najmul Islam, Dr. Sudip K Datta, Dr. K. Goswami, Dr. S. Prakash, Dr. V.Kutala and Dr. AA Mahdi participated in this discussion. First year MBBS students presented a cultural evening. More than 150 delegates including faculties and students of MD, Ph.D., DNB, M.Sc., MBBS, BMLT and DMLT attended in this conference. Entire program was compered by Dr. Tanmay Saha, Dr. Mrityunjoy Halder and Sk. Sabir Ali. The program concluded with vote of thanks.

ACBI West Zone





The ACBI West Zone CME was organized by ACBI Maharashtra State branch along with Pathology Laboratory, Deenanath Mangeshkar Hospital, Pune on 19th November 2017 at DMH, Pune on “**NUTRIGENOMICS IN HEALTH CARE**”.

The speakers were Dr. S.L.Kate , a well known expert on Sickle cell anemia and thalassemia, Dr. Vaishali Deshmukh, Endocrinologist who spoke on Nutrition in Diabetes. Dr. Valentine Lobo, Nephrologist talked about, Micronutrients in Nephrology, Dr. Kalpana Joshi, Geneticist on Nutrigenomics. Dr. Alpa Dherai, Biochemist talk was on, Inborn Errors of Metabolism. Dr. Aditi Dastane, geneticist talked about Genetics approach in health care. Dr. Sadanand S. Naik, Biochemist topic was Dairy products improve vitamin B12 deficiency. D. Shobha Chogle, Biochemist presented a talk on, Micronutrients in healthcare. A total of 73 delegates registered excluding speakers and organizing committee members attended the CME.

ADVERTISEMENT RATE in ACBI News Bulletin

	POSITION	One Issue (Rs.)	Two Issues (Rs.)
1	Back Cover (4-colour)	20,000	35,000
2	Back Inside (4-colour)	15,000	25,000
3	Front Inside (4-colour)	15,000	25,000
4	Inside Page (BxW) -- Full Page	8,000	12,000
5	Inside Page (BxW) -- Half Page	4,000	6,000
6	Full Page Insert (Colour)	20,000	35,000

Note: 1. Corporate Members can avail 25% discount on advertisement in the News Bulletin.

INVITATION TO MEMBERS FOR CASE HISTORIES

Members are invited to send Case History with Biochemical Investigations of Interesting cases or cases with unusual presentations. Your experience will help others. Please share it with us on ACBI News Bulletin. Send your write up to Dr. Shyamali Pal at : shy23_pal@yahoo.co.in

LIST OF DONORS TO ACBI-BENEVOLENT FUND

As on 15. 3. 2018

1	Association of Clinical Biochemists of India	50,000/-
2	Dr. B. C. Harinath, Prof. & Director, JBTDR Centre, Wardha	16,000/-
3	Dr. S. P. Dandekar, Prof. & Head, Department of Biochemistry, Seth G. S. Medical College, Mumbai	1000/-
4	Dr. Sujata W., Biochemistry Deptt., PGI, Chandigarh	1000/-
5	Dr. K. P. Sinha, Retd. Professor of Biochemistry, Patna Medical College, & Advisor	1000/-
6	Dr B N Tiwary – Patna	1000/-
7	Dr Uday Kumar – Patna	1000/-
8	Dr Anand Saran – Patna	1000/-
9	Anonymous Donor – Mumbai	5000/-
10	Dr Rajiv R Sinha – Patna	1000/-
11	Dr. Harbans Lal – Rohtak	2000/-
12	Dr. S. J. Makhija	1000/-
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19	Dr. M.V. Kodliwadmth – Bangalore	1000/-
20	Dr. Harsh Vardhan Singh – Delhi	10,000/-
21	Dr. M. B. Rao – Pune	3000/-
22	Dr. Praveen Sharma – Jodhpur	30,000/-
23	Dr. T. F. Ashavaid – Mumbai	10,000/-
24	Dr. Subir Kumar Das – Kalyani	10,000/-

Members Identity Card

Photo Identity card of ACBI will be mandatory for members to attend the Annual Conferences, all meetings and also for exercising their voting rights. The Identity card will be provided on payment of Rs.100/- . Payment to be made by Demand Draft to “Association of Clinical Biochemists of India” payable at “PATNA”.

Identity card form is available after the ACBI Membership form.

Members are requested to fill-up the form and post it to :

Dr Rajiv R Sinha

General Secretary, Association of Clinical Biochemists of India
Biochem-Lab East Boring Canal Road
Patna – 800 001 Bihar



**MEMBERSHIP
OF THE
ASSOCIATION OF CLINICAL BIOCHEMISTS OF INDIA**

ADMISSIBILITY RULES

ELIGIBILITY CRITERIA : Membership of the Association is open to teachers & research scientists in the discipline of Biochemistry, Clinical Biochemistry, Immunology, Pathology, Endocrinology, Nutrition, Medicine and other allied subjects in a medical institution and also to persons holding M.B.B.S., M.Sc.(Biochemistry or Clinical Biochemistry) and are engaged in research or practice of clinical Biochemistry in hospital or in private laboratory.

ASSOCIATE MEMBERSHIP : Those graduates who do not fit in the above criteria, but have an interest in Clinical Biochemistry are eligible to become Associate Members.

CORPORATE MEMBERSHIP : A company dealing in biochemical and instruments for biochemistry laboratories can become corporate members.

SESSIONAL MEMBERSHIP : Those persons who are not members but want to attend ACBI National Conference and attend and/or present papers have to become Sessional Member. This membership will be valid for that conference only. If he/she fulfils all eligibility criteria for membership and again pays the next years Annual membership fees, they will be admitted as Annual Member of ACBI.

MEMBERSHIP FEE : (a) **Annual Member** – Rs. 600/- annually , (b) **Life Member** – Rs.5130/- (Rs.5000/- once + Rs.30/- for L.M.certificate posting + 100/- I Card (or Rs. 1800/- annually for 3 consecutive years.) (c) For persons residing in other countries – US \$200/- (d) **ASSOCIATE LIFE MEMBERS** - Rs.5130/- (Rs.5000/- once + Rs.30/- for L.M.certificate posting + 100/- I Card, (e) **Corporate Member** : Rs. 25,000/- one time payment. (f) **Sessional Member** – Rs. 600/- (g) **IFCC subscription** (optional) - Rs. 1500/- once.

The Membership Application form can be downloaded from www.acbindia.org

Prescribed fee should be paid by **BANK DRAFT** only payable to “**ASSOCIATION OF CLINICAL BIOCHEMISTS OF INDIA**” at **PATNA**. [Our bank – **State bank of India, Patna Main Branch, West Gandhi maidan, Patna, Bihar**] **NO CHEQUE PLEASE**. The completed application (along with enclosures) & draft should be sent to **Dr. Rajiv R. Sinha, General Secretary, ACBI, Biochem-Lab, East Boring Canal Road, Patna – 800 001**, preferably by registered post.

PHOTOGRAPH: Please affix a passport-size photo on the form and on the ID card form.



ASSOCIATION OF CLINICAL BIOCHEMISTS OF INDIA

MEMBERSHIP APPLICATION FORM

(Please write in Capital or Type)

Please Affix
Stamp-size
Photograph
here

1. Category of Membership Applied (tick the choice): **Life/Associate Life/Annual/ Sessional**

2. Name **Dr/Mr./Mrs./Ms.** :

Family Name

First name

3. Sex: 4. Date of Birth: 5. Nationality:

6. Academic Qualifications with Year: (**attach Photocopies**)

7. Designation :

8. OFFICIAL ADDRESS:

1. Department :

2. Institution :

3. Address :

3. City : 4. Pin Code :

5. State : 6. Telephone (with area code) :

7. Fax (with area code) :

8. E-mail (**CAPITAL**) 9. Mobile

9. RESIDENTIAL ADDRESS :

1. Address :

2. City : 3. Pin Code : 4. State :

5. Telephone (with area code) :

6. Fax (with area code) :

7. E-mail (**CAPITA**) 8. Mobile

10. Address for Communication : Official **OR** Residential (**please tick the choice**)

11. Professional Experience (briefly) on separate page : Teaching/Research/Diagnostic :.....Years
12. Field of expertise/ Areas of Interest : (1) (2)
13. Publications, if any : **Attach a list giving details of publications.**
14. Membership of other professional bodies, if any :
15. Any other relevant information (brief) : (on separate page)
16. D.D. No. Date : Bank :

Branch : Amount: **Rs.**

(Enclose the crossed D.D. for an appropriate amount drawn in favour of “**Association of Clinical Biochemists of India**” payable at **Patna**)

Undertaking by the Applicant

I have gone through the bylaws of the Association of Clinical Biochemists of India. If admitted as a member, I shall abide by the rules and regulations of the association.

.....

Signature of the Applicant Date Place

Recommendation by a member of ACBI (This is essential)

I have verified the information given in these applications that are true to the best of my knowledge. He/She fulfils eligibility requirement for becoming a member of ACBI. I recommend that be accorded the membership of the ACBI.

Name & Signature of the Member. Date :

ACBI Membership No.: Place :

(Disclaimer)

I have no objection / I object* if my address and full details are put on the ACBI website at www.acbindia.org.

Signature of Applicant

Date.....

* strike out whichever is not applicable

PROFORMA

Members Identity Card

Please type or write in CAPITAL Letters.

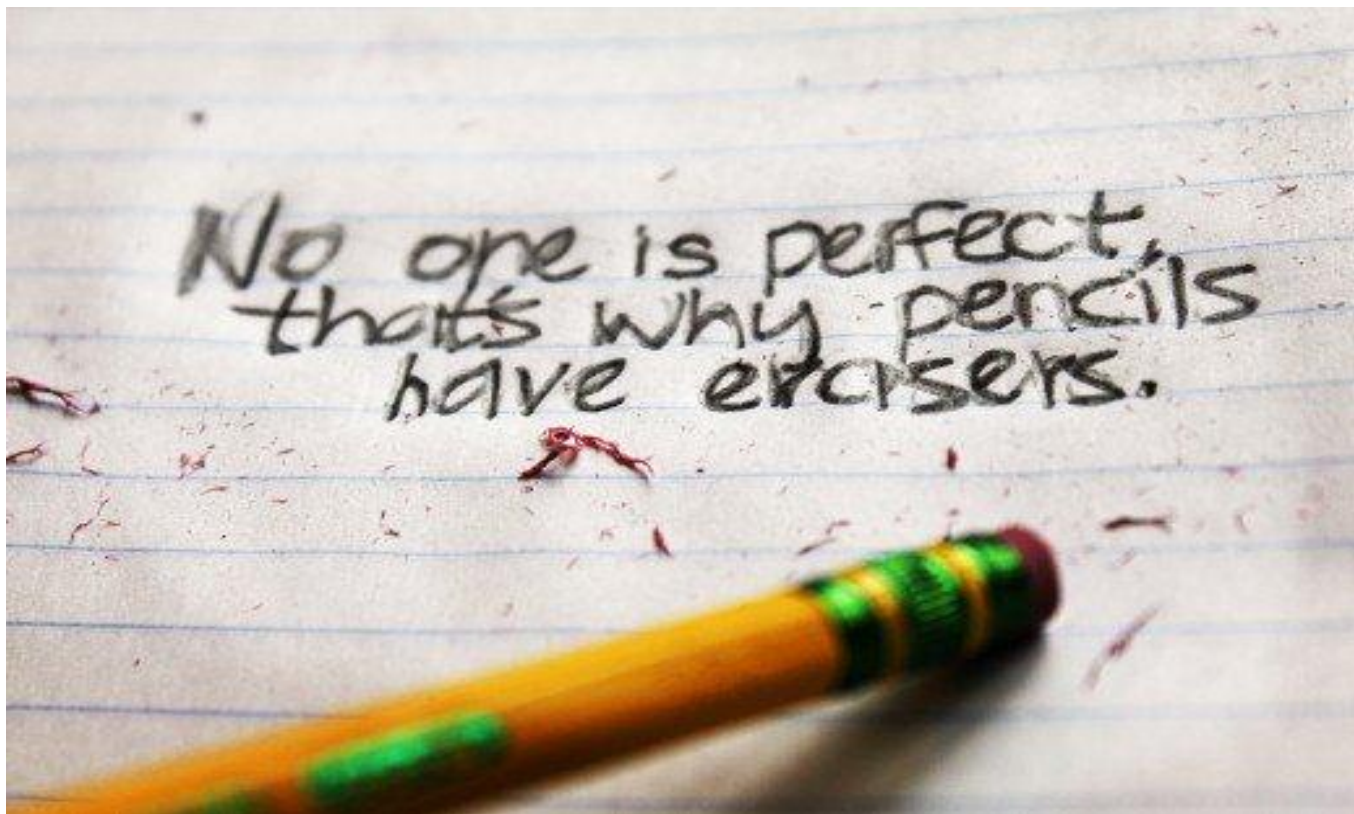
Please affix

Stamp size

Photograph.

1. Name:
2. Qualification:
3. Membership Type : **LIFE / ASSOCIATE LIFE / CORPORATE / HONORARY**
(will be filled up at Head office)
4. ACBI Membership Number : (Will be filled up at Head office).
5. Work Place (City) :
6. State:.....
7. Date of Joining ACBI :will be filled up at Head office).

Filled up form to be posted along with the Membership application form.
SESSIONAL MEMBERS NOT TO FILL UP THE ID CARD FORM



GLIMPSES OF 44th ANNUAL CONFERENCE





