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ACBI NEWS BULLETIN

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for Circulation
among Members



**Association of
Clinical Biochemists of India**

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INVITATION

36th National Conference of ASSOCIATION OF CLINICAL BIOCHEMISTS OF INDIA

Hosted by Amrita School of Medicine

November 5, 6 & 7, 2009

Venue: Amrita Institute of Medical Sciences, Kochi

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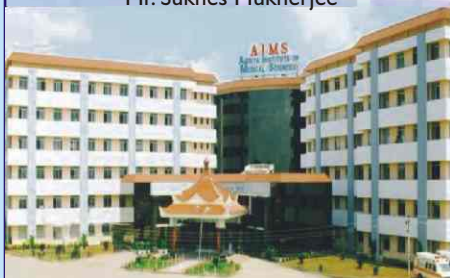
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Invitation from Organising Secretary

Dear Colleague,

Welcome to Kerala, God's own country. It is my proud privilege to invite you to participate in the **36th National Conference of Association of Clinical Biochemists of India** to be held at Amrita Institute of Medical Sciences, Kochi in November 2009.

Please let us know your plans well in advance so that we can take care of your needs. Please provide your email ID to the conference secretariat for prompt communication. Brochures will be available by March / April 2009 and can also be downloaded from the website by March / April 2009.

Awaiting your participation in ACBICON 2009 at Kochi.

Sincerely,

Prof. D. M. Vasudevan

Organizing Secretary, 36th ACBICON 2009

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IMPORTANT DATES

Dates of conference	Nov. 5, 6 & 7, 2009
Pre-Conference Workshop/ CME	November 4, 2009
Pre-conference Professional Course	November 3, 2009
Abstract submission deadline	July 31, 2009
Early Registration deadline	July 31, 2009
Student travel grant and award paper application deadline	July 31, 2009
Last date for accomodation	July 31, 2009
Abstract Notification	September 1, 2009



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All articles in this News Bulletin reflects the views of the respective authors.



Dear members,

Greetings.

ACBICON 2008 which was held at The Vedic Village, Kolkata was a grand success by all parameters and particularly the venue was superb. Everybody enjoyed it. However some delegates were found in different Spas skipping the Scientific sessions ! Jokes apart, we must thank Dr. Goswami and his team for making this conference such a great event for all.

The ACBI is all set to provide its members with a photo identity card. We are printing the Performa for the issue of I-card in this issue and request all members to fill & send to the Head Office at Patna. Also included in this issue is the new membership form with a place for affixing photograph.

Notification for submitting proposals for different awards & Fellowship of ACBI is being published in this issue. Kindly make it a point to fill up and send your applications within due dates so that they are properly processed.

I again request all of you to kindly send the local news related to Clinical Biochemistry & ACBI to our bulletin through email or by post to my address given on this page. If you have any issues related to the workplace or which affects us as a Biochemists, we will be pleased to publish them in bulletin so that we can share it with all our members.

Thanks

Dr. K. R. Prasad
EXECUTIVE EDITOR

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OBITUARY

Dr Chintala Sita Devi



This is to inform all members of ACBI about the sad demise of one of our founder members of the association, Dr Chintala Sita Devi. She was not keeping well for sometime and passed away in her sleep on 6th March 2009.

She was one of the pillars of the Association and took active interest in its work. She regularly participated in all the conferences, except the last two because of ill health. Dr Sita Devi was an M.D. in Biochemistry, was a Fellow of the Academy of Medical Sciences and was also conferred the Fellowship of the Association in 1995. She was Professor & head at Andhra Medical College, Vishakapatnam and after retirement was working at CARE Hospital, Hyderabad.

The Association has lost a great stalwart and we pray that her soul rests in peace.



Annual Report, 2008

The activities of the ACBI began with 34th Annual Conference of the Association of Clinical Biochemists of India held at Delhi organized between December 15 to 20, 2007 at Indian Habitat Centre by Dr Arun Raizada of Escorts Heart Institute & Research Centre and his team comprising several senior members of ACBI. The theme of the conference, 'Clinical Biochemistry: Today and Tomorrow' was a challenging one providing an opportunity of bringing out what was available and relevant today and what the future would hold for us. About 1000 delegates attended the conference.

A professional course in Clinical Biochemistry was conducted on this occasion on December 15 & 16, 2007 by the course coordinator, Dr. Jayashree Bhattacharya. It was intended to be a refresher course to all those who are working in the field of Laboratory Medicine. On December 17, 2007 Continuing Medical Education Programme was held covering upcoming areas of Stem Cell Therapy and Nanotechnology. There were also two Workshops on Proteomics / Microarrays sponsored by Randox and the other on New Cardiac Markers by ECL Technology, sponsored by Roche Diagnostics.

There was a remarkable mix of about 110 speakers from all over the world (USA, Canada, France, Germany, Australia, Malaysia, Japan & Thailand) who took part in the 20 Symposia that included areas of Cutting Edge Technologies like Signal Transduction, Personalized Medicine and Molecular Diagnostics (sponsored by AACC), Genomics and disease and Reproduction and Fertility. Some of the eminent global speakers were Dr. J.T. Belisle (USA), Dr. J.K. Cowell (USA), Dr. W.A. Philip (Australia), Dr. Pauline Y. Lau (USA), Dr. Marciano D. Reis (Canada), Dr. Madhu B. Anand Srivastava (Canada), Dr. Ashok Kr. Srivastava (Canada), Dr. Salil Kumar Das (USA), Dr. Jawahar Kalra (Canada), Dr. Udayan Ray (Australia), Dr. Bhushan M. Kapur (Canada) and Dr. Amitava Das Gupta (USA). In addition, we had three plenary lectures on Yoga and Health by Dr. W. Selvamurthy, Chronomics & Chronobiology: Its applications in health and disease by Dr. R.K. Singh and Transcriptional and translational regulation of expression of human cathepsin L, a lysosomal protease involved in tumor invasion and metastasis by Dr. S.S. Chauhan.

In the year 2008, the **Awadhesh Saran Memorial Oration Award** was presented to Dr. Satish K. Srivastava (Galveston, USA), **K.L. Gupta Memorial Oration Award** went to Dr. Manoj Sharma (New Delhi, India), **Seth G.S. Medical College & KEM Hospital Oration**

Award went to Dr. P.K. Seth (Lucknow, India) **Mrs. & Dr. G.P. Talwar Oration Award** went to Dr. Chandra K. Mittal (Houston, USA) and **Dr. T.N. Pattabiraman Oration Award** went to Dr. Udayan Ray (Tasmania, Australia). Dr. Barnali Das (Mumbai, India) received the Pitabus-Jamuna Burma Memorial Award Paper Prize, the Dr. C. Sita Devi Award Paper Prize went to Dr. Prakruti Dash (Cuttack, India) and the P.S. Murthy Award Paper Prize in the field of Infectious Diseases went to Dr. Geetanjali Gupta (New Delhi, India).

Another highlight of Delhi meeting was that the AACC gave 4 Gallwas Membership Grants to Dr. Subir Kumar Das, Dr. J.K. Gambhir, Dr. Harsh Vardhan Singh and Dr. Barnali Das. One Rolling Trophy was given to the winners of the Postgraduate Quiz. A unique feature of ACBICON 2007 was the Young Scientist's Awards. It was given to 20 Young Investigators who were selected by a panel of judges from about 400 poster presenters to present their work in 2 special sessions. The abstracts of the papers and proceedings of the conference were published in a special supplement issue of IJCB.

There were 58 Stalls in the Industrial Exhibition. The First prize for the Best Stall went to Nicholas Piramal and the Second prize for the Best Stall went to Olympus.

The social programmes were also well appreciated by the delegates. There was a Cultural Programmes based on "The Village" theme at India Habitat Centre and based on "Bollywood" theme was at Tivoli Garden.

Late Shri. A.J.Thakur Award for Distinguished services' was instituted by the family members of Mr. A. J. Thakur, to honor a person who has made immense contributions to the growth of clinical Biochemistry and Laboratory medicine in India. This award for the year 2008 was presented to Dr.A. S Kanagsabhpathy, the past president of ACBI & the pioneer to initiate Quality control programme in India.

Every year ACBI awards fellowships to distinguished members of the Association on the basis of their merit and achievements. In the last year, the fellowships were awarded to Prof. A.N. Suryakar of Dr. V.M. Medical College, Solapur (Maharashtra) and Prof. B.N. Tiwari of Nalanda Medical College, Patna.

REGIONAL MEETINGS

There were quite a number of scientific meetings/workshops organized by the State/ Regional Chapters. The major ones were:

- ◆ National workshop on prevention of Lead poisoning



organized by the Department of Biochemistry, CSM Medical University, Lucknow on 29th March, 2008. Attended by more than 200 delegates, this workshop was inaugurated by Prof KP Sinha, Adviser, ACBI.. Prof T Vekatesh, Dr M K J Siddiqui, Director, National Referral Centre for Lead poisoning in India, Dr S J S Flora from DRDE, Gwalior, Dr Dinesh Kumar from NIN, New Delhi, Dr Krishna Jyoti Goswami, Vivekananda Inst of Med Sciences, Kolkata and Dr Subir kumar Das from Amrita Inst of Medical Sciences, Kochi were the experts who participated in this workshop. The National Referral Centre for Lead poisoning was launched on this occasion.

- ◆ UP State Chapter of ACBI was launched this year on 29th March, 2008 with Dr RK Singh as the President.
- ◆ Bihar Branch of ACBI : A CME on 'Diagnostic workup for Hepatitis B infection with special emphasis on newer markers' was organized by Bihar State Branch of ACBI on 18th May, 2008.
- ◆ Workshop & CME by West Bengal Chapter: Workshop on pre-analytical procedure was organized on May 30, 2008 by Dr Shyamali Pal on behalf of West Bengal State Chapter of ACBI. This was followed on next day by a CME on 'Quality management in Laboratory system' inaugurated by Prof CR Maity, Ex DME, Govt of west Bengal. Prof Praveen Sharma, Dr Adarshpal Singh, Prof. Subimal Choudhary were the experts who participated. The events were sponsored by BD, Ashok Laboratory, Acurex Biomedicals Pvt Ltd., HD Consortium Pvt. Ltd.
- ◆ The Dept. of Biochemistry & JB Tropical Disease Research Centre, MGIMS, Sevagram had organized in February, 2008, the fourteenth short time hands on training course on Immunodiagnosics for

Infectious Diseases.

AWARDS

I am happy to share with the members that Dr. Subir Kumar Das of Amrita Institute of Medical Sciences, Cochin received the 2008 AACC-Van Slyke Award.

ACBI-CMC EQ PROGRAMME

The ACBI CMC external QA programme is being run smoothly by Dr. R.Selva kumar at CMC, Vellore. The important development is replacing liquid samples with freeze-dried samples, thanks to Dr Selavakumar and the management of CMC, Vellore for this important development in improving the standard of this programme.

INDIAN JOURNAL OF CLINICAL BIOCHEMISTRY

Four IJCB issues have been released in time with much improved quality because of the involvement of Springer India Pvt. Ltd. in the publication and distribution of the journal. The Editor in Chief Dr. Praveen Sharma is planning to get the journal indexed by Index-Medicas.

ACBI-BULLETIN

Two issues of the bulletins have been released in time from Head Office. A new editorial team has put up many efforts to initiate quite relevant items like Clinical cases for comment, corporate news etc., to improve the quality and scope of the bulletin.

Finally, I can not conclude this report with out feeling for the immense loss the Association and the discipline of biochemistry in general suffered this year due to the sad and sudden demise of our dear friend and a stalwart of ACBI, Dr. Taranath Shetty. It has never been easy all these days to reconcile with his absence from all the activities of ACBI including today's meeting.



IMPORTANT NOTICE

All members are requested to view ACBI website (www.acbindia.org) to check their name and address in Directory of members. If your name does not appear in the Directory, or there is error or discrepancy, please draw our attention IMMEDIATELY either by e-mail (kpsacbi@yahoo.co.in) or by post to Dr. Rajiv Ranjan Sinha, Biochem-Lab, East Boring Canal Road, Patna - 800 001.



ABICON, 2008 - A Report



Inaugural Function : 35th ACBICON

The XXXVth Annual National Conference of Association of Clinical Biochemists of India (ACBICON 2008) was held from December 19-21, 2008, in ACBI (Vedic) Village, Kolkata, India. The Venue of the conference was the 'International Natural Resort', a 5 star eco-friendly state-of-art convention centre at the background of beautiful nature. This conference commemorated the Platinum Jubilee Celebration of the hosting institute, Ramakrishna Mission Seva Pratishthan, Vivekananda Institute of Medical Sciences, Kolkata.

Professional course and CME were organized on 17th December. 86 members took part in the Professional Course. The topics covered in the course were (1) Fallacies of thyroid function test by Dr. Rajat Mukherjee, (2) Case presentation under the heading "Truth & Dilemma" by Dr. Tapabrata Chatterjee, (3) Clinical Case based learning by Dr. Udayan Ray, (4) Lactate as POCT by Dr. A. S. Kanagasabapathy, (5) Role of Adeponectin and Leptin in Obesity & Insulin resistance and (6) Different methods of single parameter-when & what by Dr. Dibyajyoti Banerjee.

83 trainees participated in pre-conference CME on 18th December. In this programme, Dr. Amar Das Gupta dealt on Cellular & Molecular basis for acquired abnormalities of haemoglobin, Prof. Kanjaksha Ghosh explained newer perspectives in screening and diagnosis of haemoglobinopathies, Professor Abhijit Chowdhury talked on Apoptosis and Dr. K.K. Srivastava on Predicting diseases.

December 18, was devoted in conducting 7 workshops and 7 Demonstrations: on (1) Clinical Proteomics, (2) Molecular Biology in Infectious Diseases, (3) Platelet Aggregation Study, (4) Sperm Function, (6) Quality Management System and (7) Immunoblot Techniques at different Institutes and Laboratories

in Kolkata which were attended by 86 delegates.

"Power of knowledge and way to improve patient care 2008" was the theme of three days of the conference. A total number of 842 registered delegates representing 21 countries including USA, UK, Canada, Germany, Finland, Sri Lanka, Nepal, Bhutan, Bangladesh, Burma, Malaysia, Japan, Australia shared their experience through 23 symposia, 126 lecturers, and 224 poster presentations. 5 Oration lectures were delivered during this period: Dr. K.K. Srivastava, Consultant in Pharma & Biotechnology, India delivered Awadhesh Saran memorial oration on "To enhance the performance and efficiency: my personal journey from some where to every where". Dr. Amitava Chatterjee of Chitranjan National Cancer Institute, Kolkata delivered K.L. Gupta Memorial Oration on "Tumor Microenvironment: A new concept and potential area in cancer research and treatment in 21st. century". Seth G.S. Medical College & KEM Hospital oration was given by Dr. Amitava Dasgupta of University of Texas Health Science Centre, Houston, USA. He spoke on "Interaction of herbal & ayurvedic medicines with western medicine". Dr. Larry Braussard of LSU Health Science Centre New Orleans, USA delivered Dr. T. N. Pattabhiraman oration on the topic "current trends in drugs of abuse testing". Mrs. & Dr. G.P. Talwar Oration was delivered by Dr. Bishnu Pada Chatterjee of the Department of Biotechnology, West Bengal University of Technology Kolkata.

The opening ceremony was held in the afternoon of 19th December, with a large crowd in attendance. Dr. Surjya Kant Mishra, the Hon'ble Minister of Health & Family Welfare, Government of West Bengal inaugurated the conference. Dr. Girdhar J. Gyani, Secretary General, Quality Council of India (QCI), was the guest of honour who explained the importance of quality in all walks of life including that in laboratory.



G.B. Meeting : 35th ACBICON, Kolkata



Fellowship award was presented to Dr. Sucheta P. Dandekar, Professor of Biochemistry, Seth G. S. Medical College and KEM Hospital, Mumbai. K.P.Sinha-P.S.Krishnan award for best paper published in IJCB in 2008 was given to the authors H. Ravikumar, K.S. Devaraju and K. Taranth Shetty of NIMHANS, Bangalore.

The evening of 19th December was marked by the 'President's Reception Dinner' accompanied by lively music and dance. December 20th evening was celebrated as cultural evening. The famous singer Mrs. Usha Uthup regaled delegates with her melodious voice and songs. Martial art dance of Manipur was another notable event on this occasion..

American Association of Clinical Chemistry (AACC) & World Association of Societies of Pathology and Laboratory Medicine (WASPaLM) participated in the conference in a big way. President of AACC, Prof. Larry Broussard released 'Guideline for Therapeutic Drug Monitoring Services' in presence of President Elect of AACC, Prof. Catherine Hammett Stabler, President Elect of WASPaLM, Prof. Michael Oellerich & President, International Association of Therapeutic Drug Monitoring & Clinical Toxicology of IATDM&CT, Prof. David Holt.

The Industrial exhibition reached a scale unmatched by any previous academic conference. The participants included 25



Martial Art Dance (Manipur) : 35th ACBICON, Kolkata

companies who also organised 7 symposia. Delegates were impressed by display of the state-of-the-art technology in exhibition.

Prof. Siddhartha Majumder, Vice Chancellor, West Bengal Health Science University was the chief guest during the valedictory function held in the afternoon of 21st. December. He presented awards to winners of various awards.

PROCEEDINGS OF PRE-G.B. EXECUTIVE BODY MEETING

Pre-General Body meeting of Executive Committee of ACBI was held on 18 December, 2008 at 6.00 P.M. in hall A-4 at the ACBICON 2008 venue Vedic Village, Kolkata. Dr. Arun Raizada, President ACBI was in chair.

First of all a two minute silence was observed in memory of Prof. Taranath Shetty. It was followed by condolence address by Dr. Praveen Sharma and it was decided to send a letter of condolence to the bereaved family.

In absence of the Secretary, Dr. M.V.R. Reddy, Dr. Rajiv Ranjan Sinha, Treasurer ACBI, moved for confirming the minutes of the previous Executive Committee held at New Delhi on 20 December 2007. The minutes were confirmed unanimously.

Dr. Rajiv Ranjan Sinha then presented the annual report of ACBI for the year 2008 on behalf of the Secretary, Dr. M.V.R. Reddy which was also accepted.

Dr. Rajiv Ranjan Sinha, Treasurer ACBI presented the audited accounts of Income & Expenditure for the year 2008 and a few available copies were given to members. Members wanted more copies of the audited accounts and Treasurer was requested to comply by the Post-GB meeting. The account was accepted unanimously.

Dr. Arun Raizada, the Organizing Secretary of ACBICON 2007 presented the Interim Account of the Conference which was accepted with a note that the final audited report should be

submitted within next three months.

Dr. Praveen Sharma, Editor-in-Chief of IJCB presented the IJCB report for year 2008 which was well appreciated for the improvements brought about in the quality of the Journal. Dr. Priti Nanda, Publication Manager of Springer made a slide presentation pointing to academic and marketing perspective of IJCB. She emphasized that IJCB is now well received throughout the world.

It was also resolved that this report by Dr. Nanda should be published in ACBI News Bulletin.

Prof. R. Selvakumar, Convener ACBI/CMC EQAS Program presented the report in which he highlighted the introduction of lyophilized serum as EQAS sample. The number of parameters to be estimated has now gone to twenty two.

Mr. Probir Das, convener, ACBI Corporate Wing expressed to present his report in Post General Body Meeting.

Dr. K. R. Prasad, Joint Secretary, ACBI (HQ) presented the list of new ACBI members which was ratified by the Executive Body.

Dr. K. P. Sinha, Advisor ACBI raised the issue of non compliance of the rules of submitting complete account of IJCB for the period when Dr. D. N. Rao was Editor-in-Chief. Many times in past Dr. Rao was asked to submit Account in proper format



with photocopies of receipts and Cheque Book but he did not even care to reply. Dr. Usha Sharma, Convener of 9th APCCB has not submitted complete audited report of 9th APCCB duly approved by the organizing Committee. She submitted a One Page Account Statement showing only income and expenditure whereas full audited report is required to be submitted to APFCB on whose behalf that conference was organized. This has led to blacklisting of ACBI by APFCB which has influenced negatively other International organizations like IFCC.

Dr. Col. Praduman Singh had also submitted a brief audited account for ACBICON 2006 at Pune without supporting statement of accounts. Therefore he was requested to submit detailed auditor's account with all relevant papers. Col. Singh was also required to give written apology for acting against the decision of the Executive Committee while writing to MCI during his Presidentship.

Finally after discussions it was resolved to write to each of these three individuals to comply with the requirements within two months and if the reply does not come it will be presumed that they have nothing to submit after which Executive Body will be free to decide about proper disciplinary action against them.

On behalf of Secretary, ACBI, Dr. Rajiv Ranjan Sinha, Treasurer, ACBI presented the recommendation of Fellowship and Orator Selection Committee as follows and requested for its approval.

ACBI FELLOWSHIP :

Dr. Sucheta Dandekar

AWADHESH SARAN MEMORIAL ORATION :

Dr. K.K. Srivastav

K.L. GUPTA MEMORIAL ORATION :

Dr. Amitabh Chatterjee

SETH G.S. MEDICAL COLLEGE ORATION :

Dr. Amitabh Dasgupta

G.P. TALWAR ORATION :

Dr. Vishnupada Chatterjee

DR. PATTABHIRAMAN ORATION :

Dr. Lawrence Braussard

The above recommendations were accepted.

Dr. Arun Raizada, President, ACBI presented the nominations for vacant posts in Executive Committee as following:

Post	Number	Valid Nominations
I. Vice President	1	Dr. Uday Kumar

2. Joint Secretary (Secretariat)	1	Dr. Shyamali Pal Dr. Harshvardhan Singh
3. Executive Committee Members	6	Dr. Achal Narayan Roy Dr. Dilip Ghosh Dastidar Dr. Monika Gupta

Some late nominations were also received from Dr. A. Ambuja Singh, Dr. G. Bhattacharya, Dr. Sandeep Sen, Dr. Parvati R. Banerjee & Dr. Rajat Mukherjee. It was decided to put up these nominations to General Body meeting for considerations.

On behalf of Secretary, Dr. Rajiv R. Sinha presented the recommendation of Search Committee for Sri A.J. Thakur Award for year 2008. Committee's recommendation for Dr. K. L. Mukherjee was accepted by all members.

The President ACBI, Dr. Arun Raizada presented the conference venue bid applications of following members:

1. Dr. Sucheta Dandekar	Mumbai
2. Dr. D.M. Vasudevan	Kochi
3. Dr. Nilima Singh	Gwalior

These applications were forwarded to the venue committee consisting of Dr. Praveen Sharma, Dr. T. Venkatesh and Dr. T. Malati for recommendation to be presented in G.B. Meeting.

The agenda for 35th G.B. Meeting was presented by Dr. Rajiv on behalf of Secretary and was approved.

Dr. Rajiv moved the resolution for consideration of a membership issue. He proposed that a new category of ACBI membership should be introduced for those who apply for ordinary membership only for purpose of participating in the conference and should be called **Sessional Members** and if they renew their membership next year then they will be considered as Ordinary Members. A separate register will be maintained for Sessional Members. It was approved by the Executive Body.

Dr. Raghunath informed that a sizeable amount of money was kept by Dr. Taranath Shetty in account of ACBICON 2004 at Bangalore for promotion of clinical biochemistry. It was suggested that a corpus should be made from this fund and an oration in the field of Neurochemistry should be constituted in name of Dr. Taranath Shetty. Dr. Venkatesh and Dr. Raghunath were requested to look into the matter and do the needful.

It was further decided to appoint Dr. T. Venkatesh to be co-signatory of the account in place of Dr. Shetty. The Secretary shall issue this resolution for operating ACBICON 2004 account.





ACBI GENERAL BODY MEETING

The General Body meeting of ACBI was held on 19.12.2008 at 5.30 P.M. in OM Hall I of Vedic Village Kolkata. It was chaired by President, Dr. Krishnajyoti Goswami.

Proceedings of ACBI Executive Body Meeting held on 18 December 2007 at India Habitat Centre, New Delhi was presented to General Body for ratification, which was accepted unanimously.

Dr. Rajiv R. Sinha, Treasurer ACBI presented the Treasurer Report for year 2008 which was accepted with a note that more copies of report to be distributed among Executive Body Members.

Report on deliberations of Conference Venue Committee was presented and following venues were selected:

ACBICON 2009	Dr. D.M. Vasudevan	Kochi
ACBICON 2010	Dr. Sucheta Dandekar	Mumbai
ACBICON 2011	Dr. Nilima Singh	Gwalior

It was also resolved that Dr. Dandekar and Dr. Singh should be present in next conference to ratify their bid.

Election of Office bearers of ACBI for year 2008-09

Election for following posts was announced: Vice President I; Executive Body Members 6; and State Representatives from all the states/Union Territories.

After considering all the nominations and keeping in view, the physical presence of nominated members following office bearers were declared elected:

Vice Presidents

1. Dr. D.M. Vasudevan (Next Organising Secretary)
2. Dr. Uday Kumar

Executive Body Members

1. Dr. Achal N. Roy (Patna)

2. Dr. Dilip Ghosh Dastidar (Kolkata)
3. Ms. Monika Gupta (Jaipur)
4. Dr. Harshvardhan Singh (Delhi)
5. Dr. G.C. Bhattacharya (Kolkata)
6. Dr. Ulhas Tendulkar (Mumbai)

State Representatives

Assam	Dr. Sanjay Agarwal
Andhra Pradesh	Dr. Pradeep Nayak
Bihar	Dr. Anand Sharan
Chandigarh	Dr. S.V. Rana
Chhattisgarh	Dr. K. Murugan
Delhi	Dr. Anjali Minocha
Gujarat	Dr. Beena Patel
Himachal Pradesh	Dr. K.K. Sharma
Karnataka	Dr. Erich Christopher Lobo
Kerala	Dr. Kannan Vaidyanathan
Jharkhand	Dr. Abhay Pratap
Manipur	Dr. Gyaneshwar Singh
Madhya Pradesh	Dr. Nilima Singh
Maharashtra	Dr. Gautam Desai
Punjab	Dr. Nirmala Mahajan
Rajasthan	Dr. Sandhya Mishra
Tamil Nadu	Dr. R. Arivazhagan
Uttar Pradesh	Dr. Abbas Ali Mahdi
West Bengal	Dr. Kamallesh Chatterjee

Dr. Praveen Sharma was nominated by General Body for Chairmanship of ACBI - Corporate Wing.

Vote of thanks was presented by Dr. K.R. Prasad, Jr. Secretary ACBI.

PROCEEDINGS OF POST-G.B. EXECUTIVE BODY MEETING

Post G.B. Executive Body meeting was held on 20.12.2008 at 5.00 P.M. in OM Hall No.3, Vedic Village, Kolkata. Dr. Krishnajyoti Goswami, President, ACBI presided. Dr. Goswami welcomed members of the new committee. In the absence of the Secretary, Dr. M.V.R. Reddy, Dr. Rajiv Ranjan Sinha represented him for the meeting and presented the proceedings of previous EC meeting held on 18.12.2008, which was accepted.

Dr. D. M. Vasudevan, AIMS, Kochi will be officially notified about his selection as next organizing secretary of ACBICON 2009.

Dr. K. K. Srivastava proposed that all oration awards should be notified at least 6 months prior to the conference so that nomination of speakers and their selections are completed 3 months in advance of the coming conference. The notice for

submission of nominations should be circulated through next Jan-Feb issue of News Bulletin. This was accepted.

Dr. K.P. Sinha proposed that there should be internal auditors to examine accounts of ACBI- Head Office, IJCB, Secretariat, ACBI-Corporate Wing and preceding Conference. A set of 5 Internal auditors should be nominated from among ACBI members—one or set of 2 members should be sent to different offices to examine the accounts and report back to the Secretary & President about whether account has been properly maintained and money has been judiciously spent. This proposal was accepted and President shall nominate internal auditors.

Dr. Eric Christopher Lobo pointed that some papers are being presented by non-members of ACBI for various awards.



It was decided that for participation in meetings and conferences, non members should be charged sessional fee and for those awards where life membership or membership of 3 years are required, the applicant has to comply with that rule. This year, if the winner is required to be member, then he or she be made life member of ACBI, if he/she fulfils the requirements for becoming member, before the award is handed over.

Mr. Upendra Singh of M/s Kopran, the newly elected representative of ACBI-Corporate Wing proposed that more representatives of Corporate members should be in Executive Body of ACBI. After extensive discussion, it was decided that there shall be 3 representatives of Corporate members in the Executive Committee. A change in rules for constitution of Executive Council has to be ratified in next meeting of GB. These members shall be elected by corporate members and their names shall be communicated to the General Secretary. Internal audit committee of ACBICON will have one member from Corporate Wing. It was also decided that scientific members of corporate group can submit papers for presentation during conference. Corporate members should also write their ideas and views in News Bulletin under its Corporate Corner.

Formation of Confederation of Laboratory Science Bodies was discussed and members wondered what happened to the initiative taken by Late Taranath Shetty. No concrete decision was taken about how to go about it. The President and Secretary were advised to initiate action for bringing the Confederation in existence.

It was suggested to provide link of advertisements from Corporate Members in IJCB and News Bulletin to ACBI Website. However, since both News Bulletin and IJCB appear on ACBI Website, those advertisements are visible and no separate link will be necessary.

Conference Organizing Committee should have proper representation from Corporate Wing and they should be provided with a dedicated Corporate Wing Area at the Conference Venue.

It was decided to include one representative of Corporate members in the Organizing Committee.

Regarding Professional Course it was resolved that the proposed Professional Courses should not be linked to any university and should be administered by ACBI. A draft for preparation of the brochure giving detail of the course and Examination will be prepared by a committee headed by Dr. U. M. Donde with two other members : Dr. Eric Christopher Lobo & Dr. Harshvardhan Singh and which shall be presented to the Secretary within 2 months. This draft will be further considered by a committee of members consisting of President, Dr. K. Goswami, Past President Dr. Arun Raizada, Dr. K. P. Sinha, Dr. Praveen Sharma, Dr. U. M. Donde and Dr. Jayashree Bhattacharya to give final shape to the Brochure. It was also decided that Dr. K. K. Srivastava will continue to organize lectures under Professional Course through electronic media as he is doing with other coordinators. This endeavor of Dr. Srivastava was well appreciated.

The meeting ended with vote of thanks from the President.



A.C.B.I. TRAVEL FELLOWSHIP

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.

Applications are invited by the Organising Secretary of the Annual conference, for availing this fellowship through the conference brochure. **This award shall be awarded to Young Members of ACBI below the age of 35 whose paper has been accepted for presentation and 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 addresses to the General Secretary, ACBI and submitted to the Organising Secretary along with registration for the conference.** He should enclose Proof of membership of ACBI, Proof of Age 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/-. The awardees name will be announced during the valedictory function of the conference and the cheque will be presented.



ACBI / CMC EQAS ANNUAL REPORT FOR THE YEAR 2007

Presented at the ACBI Conference, 2008 at Kolkata

I am happy to report that our ACBI/CMC EQAS has successfully completed 30 years by this year 2008. It started with 50 laboratories in 1978 and now more than 2100 labs participate in this programme. A total of 340 laboratories joined in the year 2007 as new participants. There is a marginal increase of 2 % in the Elite group compared to 2006. It is encouraging to observe a 3% decrease in the group 5, in spite of the many new labs who joined half way through the cycle. There is not much difference in the OMVIS between the years 2006 and 2007 among various groups.

We are very happy to launch the long awaited lyophilized QC from 2009 onwards. Already 6 samples have been sent to all the labs for the trial run, and the result analysis is on its way and the report will be available on the net by January 2nd 2009. The registration fee for the next cycle is increased to Rs.2000/- to meet the hike in courier charges and for the increased expenses towards lyophilization. The annual report for the year 2008 along with the participation certificate will be sent to the labs during the month of Feb 2009.

The number of parameters is increased to 22 in the lyophilized QC and the electrolytes can be analysed on the ISE systems also. There is going to be a slight change in the EQAS

web software, which is more user friendly. Since we are going towards paper less operations, we will not accept any results that are sent by post or by e mails. We want all the labs to enter the results into the EQAS website. This way we may minimize the transcriptional errors. We also want the labs to look for the monthly reports only in the website. It is impossible for us to print out individual lab results because of the huge numbers.

I thank the Executive Committee and the members of ACBI for their continuous support to run this programme. At this time I request the members to encourage their laboratories to use the web facility for entering as well as viewing the reports.

At this juncture, I would like to thank Dr. Geethanjali my colleague who has been taking care of the day to day running of the Quality Control programme, Mr. Manikandan who has been employed by us to help in the Quality Control programme and all my other department colleagues for the keen interest and enthusiasm they have been showing in running the Quality Control programme successfully.

Our website is <http://home.cmcvellore.ac.in>

Our e-mail id is clinqc@cmcvellore.ac.in

Dr. R. Selvakumar, Prof. & Head

ACBI PROFESSIONAL COURSE

The Association of Clinical Biochemists of India is on way to having regular course in clinical biochemistry. In this direction our Course -coordinator Dr. K. K. Srivastava has designed structured course to be imparted through distant education. It is envisaged to have some tutorial-cum-practical training by bringing trainees in close contact with teachers at selected places. These courses are aimed at giving degree/diploma to successful trainees by holding proper examination. Presently, the Executive Committee has decided that ACBI will impart this degree as an independent authority without aligning with any university. Dr. U. M. Donde has been nominated to prepare blue print for administration of the course and holding examination. However, this degree will be of no avail if it is not recognized by competent authority. Efforts will be made for accreditation of the course by competent authority before actually holding the examination.

In addition to the distant mode of education, we are also thinking of having class room education in well recognized

institutions under good teachers of clinical biochemistry. Such courses will be designed to guide the trainees towards acquiring knowledge to become competent clinical biochemists. The students would learn more from text books and working in a good clinical laboratory. We have to identify such centers where the course can be run for limited periods. Therefore, we will be seeking support from our members working in good medical colleges and hospitals. I would appreciate if some good teachers in bio-chemistry in medical colleges and hospitals come forward to volunteer for running the course. Many institutions will be happy if such courses are conducted in their places.

I request you to give your name to the Secretary, Dr. M.V. R. Reddy (redmvr@gmail.com), if you can conduct course in your institution (College/hospital) and / or you want to give time for teaching.

I also request members to write their views regarding how the course should be conducted to be really useful to fulfill its aim.

Dr. K. P. Sinha, Advisor



Notice

NOMINATIONS INVITED FOR ORATIONS

Nominations from members are invited for giving following orations during ACBI Conference in Kochi being held from 5 to 7 November 2009. Nomination should reach **General Secretary, Dr. M. V. R. Reddy**, Professor & Head, Department of Biochemistry, Mahatma Gandhi Institute of Medical Sciences, Sewagram-442 102 (reddymvr@gmail.com) by 31st May 2009.

The nomination should be on letterhead 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. 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. Hospital & 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.

The 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.

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. Two 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.

Laboratory Automation : Integrating Quality with Efficiency

Shangri-La Hotel, Kuala Lumpur, Malaysia • October 23-23, 2009





Notice

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 brochure 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 or cut from this News Bulletin.)

1. Pitabus-Jamuna Burma Memorial Papers

Dr. D. P. Burma, Professor of Biochemistry, Institute of Medical Sciences. of Banaras Hindu University instituted the award in memory of his father and mother by donating a sum of Rs.5000/- in 1982.

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. Application along with (1) 4 typed/photo copies of the write up, (2) 4 photocopies of the original paper, (3) documentary evidence of age (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 Papers

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. 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 Award for Best Paper in the field of (i) Infectious Diseases, and (ii) Development of Drugs from Plant Sources.

These awards were created by a donation of Rs. 10,000/- by Prof. P.S. Murthy in 1993. Papers for the award are invited under 2 categories, i.e. (i) **Infectious Diseases**, and (ii) **Development of Drugs**. 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 XXACBI conference, Sevagram,.

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.

5. 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.

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.

6. 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.

Thus Poster awards fall in following categories:

1. Cancer - I
2. Non-cancer - I
3. 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.
4. Organizing committee award for visually excellent Posters.



K.P. Sinha-P.S. Krishnan Best Paper Award

The Award was instituted in the year 1990 jointly by Organising Committee of 13th and 15th Annual Conferences held at Patna and Jammu by each donating Rs. 10,000/- out of the savings from their respective conferences with a view to encourage biochemists to publish their work in Indian Journal of Clinical Biochemistry (IJCB). The papers published each year in IJCB are adjudged by a set of 3 Judges appointed by the President in consultation with the Editor of the Journal. The author/authors of the best paper are awarded a certificate and a cheque of Rs. 2000/- to be shared equally between the authors during the inaugural function of the conference

(Note : No applications needed)

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 / Poster Award / Quiz Award

To
The Organizing Secretary
36th ACBICON 2009
KOCHI

Sir,

I am submitting a paper entitled

et al, for the best paper/Poster/Quiz 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): Sita Devi Award / P.S. Murthy Award / MGIMSAward / AFMC QuizAward (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 presentation)

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DATE

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SIGNATURE



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. M.V.R. Reddy, Professor & Head, Department of Biochemistry, Mahatma Gandhi Institute of Medical Sciences, Sewagram-442 102 (redmvr@gmail.com) by **30th June 2009**.

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**).
- (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.M.V.R.Reddy
Professor & Head, Department of Biochemistry
MGIMS, Sevagram- 442 102 (Maharashtra)

Sir,

Ihave 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



clinical case History

INTERESTING LABORATORY REPORTS

Discrepancies in Urea & Creatinine Values of a Patient Undergoing Hemodialysis

A male patient, aged 64 years, having history of chronic renal failure and on hemodialysis for the last 5 years underwent investigations and the predialysis reports were:

S.Urea	155 mg/dl
S.Creatinine	8.5 mg/dl
S.Potassium	6.9 mmol/l

Routinely same patient was investigated for same parameters after hemodialysis the reports were surprising:

S. Urea	12 mg/dl
S. Creatinine	0.7 mg/dl
S. Potassium	3.0 mmol/l

The post hemodialysis sample was sent for inter laboratory correlation and reports were found to be similar.

After 24 hours the blood sample of the patient was drawn and again tested for same parameters and the reports were:

S. Urea	85mg/dl
S. Creatinine	3.9mg/dl

DISCUSSION

The post dialysis sample is generally being collected from venous pressure connector. The rationale is to assess

the efficacy of the hemodialysis procedure. As stated by my Nephrologist friends, if there is a 60% reduction of creatinine value compared to predialysis, efficacy is considered to be optimum. Hence to obtain a perfectly normal urea and creatinine values after hemodialysis was impossible. Then what was the reason of such reports.

After completion of hemodialysis, a small procedure known as "saline flush" is being performed. The standard procedure is to draw the post dialysis blood sample from venous pressure connector followed by saline flush. On that day due to inexperience/or may be the technician in charge of the procedure was not very careful. Post dialysis sample was collected after the process of saline flush leading to faulty sample collection. When post dialysis sample was collected from the connector the blood sample was contaminated with saline. As a result the urea and creatinine values became very low which was not acceptable in this patient. The blood sample was collected from the patient after 24 hours when he came to hospital outdoor and it was as expected. The reports were:

S. Urea	85mg/dl
S. Creatinine	3.9mg/dl

Acknowledgment : Sister In Charge, Nephrology, Dept., Peerless Hospital. Referring Physician: **Dr. S. Sural**, Peerless Hospital, Kolkata.

Data Validation & Compilation:

Dr. Shyamali Pal, Peerless Hospital, Kolkata

Comments on the Clinical Cases 4 & 5 Published in News Bulletin Vol. 37, No. 02 (Sept., 2008)

CASE 4, 2008

49 year female with a past history of hypercalcaemia and nephrocalcinosis had parathyroid surgery in 2005. In 2007, the patient was seen to have anxiety, tiredness, and tachycardia and feeling generally unwell.

She subsequently presented to the endocrine clinic for management of her thyroid condition. The results of thyroid function tests done during these visits are shown in the table below.

TABLE 1

		23.04.2007	04.10.2007	31.10.2007
TSH	0.4 – 4 mU/L	2.3	3.0	2.3
FT3	2.3 – 6.3 pmol/L	5.6	8.8	6.6
FT4	10 – 24 pmol/L	24.3	38.4	28.8
A-TPO	< 35 Units/ml	ND	ND	<10
TRAB		ND	ND	< 1.5

Other pituitary hormones checked showed quite elevated LH, FSH levels

Questions:

1. Comment on the above results.
2. What would be the provisional diagnosis?

The following tests were also done along with thyroid function testing:

TABLE 2

		23.04.2007	04.10.2007	31.10.2007
TIGF-1	10-42 nmol/L	37	43	37
α-subunit glycoprotein	0.05-0.55 IU/L	1.6	1.5	1.2
SHBG	18-114 nmol/L	150	145	>180

Questions:

1. Comment on the significance of the additional test results.



COMMENT ON CASE 4

TABLE 1

The FT4 and FT3 results are in the hyperthyroid range and are diagnostic for hyperthyroidism. However the TSH results continue to remain in the normal range throughout. The raised T4 and T3 levels have not caused suppression of pituitary TSH release due to negative feedback.

This would seem to indicate that the pituitary has become autonomous with TSH release. This is characteristic of a pituitary tumour producing TSH (TSHoma).

Autoimmune thyroid markers like α -TPO and Thyroid Receptor Antibodies (TRAB) were done to rule out autoimmune thyroid disease.

Comments re: TSHoma: TSHoma is a rare cause of hyperthyroidism with an incidence of <1%. It should be considered as a possible cause especially in the presence of diffused goitre and absence of Graves' disease.

Approximately 25% of TSHoma secrete one or more other pituitary hormones. The molecular causes for TSHoma are thought to be somatic mutations or abnormal oncogene expression.

CT/MRI evaluation is necessary so that surgical and/or medical management can be considered. Surgery offers only a 30% cure rate hence additional medical management is required.

TABLE 2

IGF-1 is a growth factor and can be elevated in Tumorigenesis of various tumours. It can act agonistically as a growth promoting factor and is useful in supporting diagnosis.

A-subunit glycoprotein is another useful marker, especially, of pituitary tumours. It is a useful marker in establishing a tumour process.

SHBG, a binding protein of testosterone and oestradiol, is synthesised in the liver and often used as a surrogate marker of metabolic rate in the above situation. In hyperthyroidism there are high SHBG levels.

CASE 5, 2008

20 year old female investigated for irregular periods, obesity and increased tiredness.

The following endocrine investigations were done:

Serum Insulin :	22 mU/1	(fasting: 0-29)
Serum C-Pept :	1.46 nmol/1	(fasting: 0.2-1.28)
Serum Testo :	2.50 nmol/1	(0-3.5)
Serum SHBG :	11.0 nmol/1	(20-120)
FAI :	22.7	(0-2.9)
Serum LH :	8 IU/L	(1- 16)
Serum FSH :	4 IU/L	(2-12)
Serum E2 :	64 pmol/L	(100-1400)
Serum PRL :	181 mU/L	(64-395)
Serum TSH :	2.2 mU/L	(0.4-4.8)
Serum FT4 :	11.3 pmol/L	(10-28)
Serum BSL :	4.6 mmol/L	(3.5-5.5)

Questions:

1. Comment on results.
2. What could be the provisional diagnosis based on the above results?

COMMENT ON CASE 5

The clinical finding of irregular periods, obesity in association with high androgen needs consideration of polycystic ovary syndrome (PCOS).

In the case presented, a raised free androgen index (FAI) along with low Estradiol supports the diagnosis of PCOS. 50-90% of PCOS women will have an elevated serum androgen concentration. Although not universally present, a higher LH to FSH level with an LH/FSH ratio of 2 and > 2 is an often diagnostic finding.

In addition, the clinical finding of obesity with high C-peptide to maintain euglycemia is indicative of some degree of insulin resistance. Approximately 45% of PCOS women will have impaired glucose tolerance (IGT). A glucose tolerance test will establish the degree of IGT in this case.

Thyroid function is normal and so is Prolactin. A normal Prolactin rules out this hormone as a cause of menstrual irregularities. Exclusion of other causes of hyperandrogenism and menstrual irregularities, such as congenital adrenal hyperplasia, androgen secreting tumours have to be done.

Finally, a pelvic ultrasound to confirm presence of polycystic ovaries forms an essential part of management.

A REQUEST

Colleagues, young and senior scientists:

Please send your comments regarding the cases presented. Also send your data to the Data Preservation Cell to enrich our data bank at the following address: **Dr. Shyamali Pal**, Co-ordinator, Data Preservation Cell, ACBI News Bulletin / Shy23_pal@yahoo.co.in



congratulations

Winners of ACBI Fellowships and Awards, 2007

ACBI FELLOWSHIP AWARDEE

Dr Sucheta P. Dandekar, Prof. & Head, Dept. of Biochemistry, Seth G. S. Medical College, Parel, Mumbai

SRI A. J. THAKUR DISTINGUISHED CLINICAL BIOCHEMIST AWARD

Dr. K.L. Mukherjee, Retd, Prof. & Head, Dept. of Biochemistry, Vivekanand Institute of Medical Sciences
R.K. Mission Sewa Pratishthan, Kolkata-700 026

ACBI ORATION AWARDEES, 2007

AWADHESH SARAN MEMORIAL ORATION

Dr. K.K. Srivastava (Gurgaon, Haryana)

Topic : "To enhance the performance and efficiency, My personal journey from some where to every where."

DR. T. N. PATTABIRAMAN ORATION AWARD

Dr. Lawrence Braussard (New Orleans, USA)

Topic : "Current Trends in Drug of abuse testing"

MRS. & DR. G.P. TALWAR ORATION AWARD

Dr. B.P. Chatterjee (USA)

Topic : "Lectin induced allergenic response."

K.L. GUPTA MEMORIAL ORATION

Dr. Amitava Chatterjee (Kolkata, India)

Topic : "Tumor microenvironment - A new concept and potential area in cancer research and treatment in 21st century. Dr Stephen Paget revisited."

SETH G.S. MEDICAL COLLEGE & K.E.M. HOSPITAL ORATION

Dr. Amitava Dasgupta (Houston, USA)

Topic : "Interaction of Herbal and Ayurvedica Medicines with western medicine."

OTHER AWARDS

PITABUS JAMUNA BARMA AWARD FOR YOUNG SCIENTIST

Dr. Barnali Das (Mumbai, India)

"Multi-biomarker approach : A step towards prediction of modern epidemic of coronary artery disease"

K.P. SINHA - P.S. KRISHNAN AWARD FOR BEST PAPER PUBLISHED IN IJCB (2008)

H. Ravikumar, K. S. Devaraju & K. Taranath Shetty
(NIMHANS, Bangalore)

Topic : "Effect of pH on spectral characteristics of P5C-ninhydrin derivative : Application in the assay of ornithine amino transferase activity from tissue lysate."

DR. SITA DEVI AWARD

Dr. Kranti Sorte (Wardha, Maharashtra)

Topic : "Diagnosis of Porphyria with minimum instrumental facility."

DR. P.S. MURTHY AWARD (DEVELOPMENT OF DRUGS)

Dr. Sukhes Mukherjee (AIMS, Kochi)

Topic : "Effects of Grape skin and flesh on ethanol induced alterations in blood."

NIMS BEST POSTER AWARD

1. **Kadam Charushila Yuvraj** (Solapur, Maharashtra)

CANCER Topic : "Biochemical Markers in oral cancer."

2. **Tripti Gupta** (Jabalpur, MP)

NON-CANCER Topic : "Study of Cardiac Biomarkers NT ProBNP and Lipid Profile in CAD patients with or without diabetes."

ACBI TRAVEL FELLOWSHIPS AWARDEE

1. **Monika Gupta**, 2. **R. Illanthiraiyan**
3. **R. Dhananjayan**, 4. **H. Ravi**



Reports

MADHYA PRADESH BRANCH OF ACBI

A meeting of the Madhya Pradesh Branch of ACBI was organized on 14 September, 2008. Dr. Arun Raizada, President, ACBI presided over the meeting. In his keynote address he advised them to increase the activities of State Branch and conduct meetings covering recent developments in Clinical Biochemistry and also to participate in the Professional Course program of ACBI.

Following Office bearers were elected at the meeting.

- President : Dr. (Mrs) Neelima Singh
Vice Presidents : Dr. Meenu Rai
 Dr. Meena Verma
Secretary : Dr. Sanjeev Kr. Singh
Jt. Secretaries : Dr. Jyoti Sharma
 Mr. Deependra Sharma



It was resolved at the meeting that 6 monthly Branch meetings would be held at different Medical Colleges & Organizations of the State by rotation.

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2. For advertisement on Front inside, Back inside & Back cover, advertisers will also get added benefit of their advertisement being "hot-linked" to their company web-site.

"If you first smear your palm with oil and then cut open the jack, the milky exudation of the fruit will not stick to your hands and inconvenience you. If you first fortify yourself with the true knowledge of the Universal Self, and then live in the midst of wealth and worldliness, surely they will in no way affect you."—Sri Ramakrishna



ASSOCIATION OF CLINICAL BIOCHEMISTS OF INDIA
MEMBERSHIP APPLICATION FORM

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(PLEASE WRITE IN CAPITAL OR TYPE)

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

FAMILY NAME
FIRST NAME
 3. Sex : 4. Date of Birth : 5. Nationality :
 6. Academic Qualifications with Year : **(Also Attach Photocopies please)**
 7. Designation :
 8. OFFICIAL ADDRESS
 - (i) Department :
 - (ii) Institution :
 - (iii) Address :
 - (iv) City : (v) Pin Code : (vi) State
 - (vii) Tel. (with area code): Mob.:
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 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 : **Please 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.

Place Date Signature of the Applicant

Recommendation by a Member of ACBI (This is essential)

I have verified the information given in this application 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.

Name & Signature of the Member Date :

* strike out whichever is not applicable

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 biochemicals 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. 350/- annually , (b) Life Member Rs.3500/- once + Rs.30/- for L.M.certificate posting [Total: Rs.3530/-] (or Rs. 1200/- annually for 3 consecutive years.) (c) For persons residing in other countries US \$200/- (d) ASSOCIATE LIFE MEMBERS - Rs.3500/- once + Rs.30/- for A..M. certificate posting [Total: Rs.3530/-] , (e) Corporate Member : Rs. 25,000/- one time payment. (f) Sessional Member : Rs. 350/- (g) IFCC subscription (optional) - Rs. 1500/- once. (h) LIFE MEMBERS pls. note : For Hard copy of Journal- Rs. 200/- per year for postage (or Rs.1000/- for 6 yrs). Money to be sent to Editor, IJCB.

For Web viewing, please send your email id to editor. For more information log on at www.ijcb.co.in

Prescribed fee should be paid by **BANK DRAFT** only payable to "ASSOCIATION OF CLINICAL BIOCHEMISTS OF INDIA" at **PATNA. NO CHEQUE PLEASE.** The completed application (along with enclosures) & draft should be sent to **Dr. Rajiv R. Sinha, Treasurer, ACBI, Biochem-Lab, East Boring Canal Road, Patna 800 001**, preferably by registered post.

Photograph :Please affix a pasport-size photo on the form & attach a Stamp-size photo with the form. Do not staple or pin.



APPLICATION FOR MEMBER'S IDENTITY CARD

PROFORMA

(Please type or write in CAPITAL letters)

1. Name Dr/Mr./Mrs./Ms.:
2. Qualification :
3. ACBI Membership Number : (for example 3579/LM/JOUR)
4. Work Place (City) :
5. State :
6. Date of joining ACBI :

Please affix
a stamp size
recent
photograph.

**(Do not
staple or pin)**

Members are requested to fill-up the form to get their Identity Card. This is essential. Filled up form to be posted to :

Dr Rajiv R Sinha, Treasurer, Association of Clinical Biochemists of India
Biochem-Lab, East Boring Canal Road, Patna 800 001 (Bihar)

PLEASE NOTE

Photo Identity card of ACBI is mandatory for members to attend the Annual Conferences, all meetings and also for exercising their voting rights. The Identity card will be provided free of charge to all existing members of ACBI till 31st May 2009. After this date members will have to pay Rs.100/- for getting the ID card made. Payment to be made by Demand Draft to "Association of Clinical Biochemists of India" payable at "PATNA".

"It is a good thing for a physician to have prematurely grey hair and itching piles. The first makes him appear to know more than he does, and the second gives him an expression of concern which the patient interprets as being on his behalf." ~A. Benson Cannon

Down Memory Lane



Some Past-President assembled at Bangalore Conference, 2004

Front row sitting (left to right) : Dr. U. Sarma, Dr. T.N. Pattabiraman, Dr. G.D. Kalyankar, Dr. C. Sita Devi, Dr. K.P. Sinha, Dr. T. Malati, Col. Y.V. Sharma, Dr. P.P. Singh
Standing (left to right) : Dr. A.S. Kanagasabapathy, Dr. T.Venkatesh, Dr. A.K. Bhutey, Dr. Praveen Sharma, Dr. K. Taranath Shetty, Dr. P.S. Shukla





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