

A National Symposium “**Current updates in Biochemistry**” was organized by the Department of Biochemistry, M.L.N. Medical College, Allahabad on 26<sup>th</sup> February 2017. The symposium was organized under the aegis of Indian Academy of Biomedical Sciences and was supported by Medical Council of India and Indian Council of Medical Research. Prof. Abbas Ali Mahdi, Head, Department of Biochemistry, King George’s Medical University, Lucknow, was Chairman of the Organizing Committee and Dr. Beenu, Head, Department of Biochemistry, M.L.N. Medical College, Allahabad, was Organizing Secretary of the Symposium. More than one hundred fifty delegates, including large number of students, participated in the Symposium. Leading luminaries of Biochemistry delivered invited talks and over fifty posters were presented by the P.G. students and research scholars.



The symposium was inaugurated by Dr. Anirudh Singh Yadav, Chairman, U.P. Public Service Commission. Prof. S.P. Singh, Principal, M.L.N. Medical College, Allahabad, presided over the inaugural function, while Dr. Arun Raizada, President, Indian Academy of Biomedical Sciences, was Guest of Honour.

Scientific programme of symposium started with the lecture by Prof. Bechan Sharma, Professor & Head, Department of Biochemistry, University of Allahabad, on the topic “Site directed mutagenesis and its applications in Biomedical Sciences”. He covered detailed molecular methods concerning site-directed mutagenesis, sequencing, preparation of competent bacterial cells and various biochemical assays to characterize

the recombinant proteins. His talk was followed by the lecture on “Electrochemistry based diagnostics” by Prof. D. Dash, Professor, Department of Biochemistry, Institute of Medical Sciences, Banaras Hindu University, Varanasi. He spoke at length about use of electrochemical based biosensors for the estimation of diverse analytes like glucose, lactate, urea, uric acid etc. Thereafter lectures were delivered by Prof. Shyam Prakash, Department of Laboratory Medicine, AIIMS, New Delhi, on “Metabolic syndrome”, Prof. N. Islam, Professor Department of Biochemistry, J.N. Medical College, AMU, Aligarh, on “Management of Osteoporosis”, Prof. S.S. Chauhan, Professor & Head, Department of Biochemistry, AIIMS, New Delhi, on “Involvement of proteases peptides in cancer” where he spoke of use of these enzymes not only as diagnostic and prognostic markers but also as therapeutic targets for the management of cancer. Dr. Arun Raizada, Department of Pathology & Laboratory Medicine, Medanta – Medicity Hospital, Gurgaon, delivered his talk on “Need of Laboratory Automation in Evidence Based Medicine”. Prof. Abhay Pandey, Department of Biochemistry, University of Allahabad, spoke on “Hepato-protective & activities of some natural products”. The symposium concluded by the talk on “Adverse effect of Fluoride on human health” by Prof. A.A. Mahdi, Professor & Head, Department of Biochemistry, King George’s Medical University, Lucknow.

Apart from the learned speakers, eminent senior people including Prof. S.P. Singh, M.L.B. Medical College, Jhansi, Prof. Zileadar Ali, Government Medical College, Banda and Prof. Moinuddin, Chairman, Department of Biochemistry, J.N. Medical College, AMU, Aligarh, actively participated in the Symposium.



Moreover, faculty from different institutions of Uttar Pradesh including Dr. A.N. Singh, Head, Department of Biochemistry, G.S.V.M. Medical College, Kanpur, Dr. Ragini Srivastava, Department of Biochemistry, IMS, BHU, Varanasi, Dr. Shivani Pandey, Dr. Dilutpal Sharma, Dr. M.K. Ahmad and Dr. G.K. Sonkar from King George's Medical University, Lucknow, Dr. Prabha Verma and Dr. Prabhakar Singh, M.L.B. Medical College, Jhansi, Dr. Rajmangal Chowdhary, G.M.C., Azamgarh, Dr. Archana Singh from Agra University, Agra, Dr. Ishpita Chowdhary from Rama University, Kanpur and Dr. Sadhna Verma from L.P.H. Institute of Cardiology, Kanpur, as also large number of faculty members from different departments of M.L.N. Medical College, Allahabad attended the symposium.

Best poster Award certificates were distributed at valedictory function which was graced by Prof. S.S. Chauhan, Head, Department of Biochemistry, All India Institute of Medical Sciences, New Delhi, Dr. Arun Raizada, President, Indian Academy of Biomedical Sciences, Prof. Abbas Ali Mahdi, Head, Department of Biochemistry, King George's Medical University, Lucknow, and the Organizing Secretary Dr. Beenu. First prize was shared by Ms. Afreen A. Choudhary from M.L.N. Medical College, Allahabad and Dr. Renu Bonal from U.P. University of Medical Sciences, Safai, Etawah. Second prize was bagged by Ms. Surabhi Puri (Rama Medical College, Kanpur) and Mr. Tarun Kumar from Banaras Hindu University, Varanasi, while the third prize was shared by Mr. Raushan Kumar from University of Allahabad, Mr. Minish Kumar Verma from G.S.V.M. Medical College, Kanpur and Dr. Madhulika Singh, Department of Obst. and Gynecology, M.L.N. Medical College, Allahabad.

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