

'Genetic mutation helps in lung cancer treatment'

DB Post Correspondent

Bhopal: Speaking at a continuous medical education (CME) organised at AIIMS, Bhopal, on medical genomics, Dr Chirantan Bose of MedGenome said genetic mutation plays a relevant role in treatment of lung cancer. He also said drugs for lung cancer work only on those patients who have Epidermal Growth Factor Receptor (EGFR) mutation. Medical genomics is the branch of molecular biology concerned with structure, function, evolution and mapping of genomes.

Addressing students, Dr Bose provided highlights of genomic applications which were consid-

ered key to personalised medicine for cancer. He also informed about how genome testing is critical for monitoring patients of hematolymphoid malignancies, breast, ovarian cancer, central nervous system tumors, endometrial cancers and colorectal cancers.

Speaking on the occasion, head of pathology department, AIIMS, Bhopal, Dr Neelkamal Kapoor said genetic analysis can also help in diagnosing down syndrome in mother's womb itself. Dr Prasanna Kumar and Dr Ramprasad of MedGenome told students about the current practices in clinical genetics and how and why genomic information has changed practice aspects in Medicine.