Back-to-Back Workshops (2–4 days each) for
Data Analysis in Genomics, Transcriptomics and Proteomics
Dates: 22–31 December 2013

Each module is independent. Participants (students, researchers and teachers of life science background) can select one, two or all modules.

Generalized structure: Overview lectures and demonstrations (~30%) followed by hands-on case studies (~70%) on each topic.

Topics: (i) Access and analysis of data from NGS (assembly, SNP, CNV variations, metagenomics and RNA-seq) experiments; (ii) Access and analysis of data from microarray and mass-spec experiments; (iii) Annotations and analysis with protein–protein interactions and pathway studies; (iv) Drug designing and related steps (ligand screening and docking, molecular simulations and homology modelling).

Other courses: Advanced literature search and biocuration (1–2 January 2014) for researchers, and career planning (20–21 December 2013) for students/beginners.

20 seats only! Details: www.ibab.ac.in/shodhaka@ibab.ac.in