5-7 March
Course “Cancer bioinformatics: genomics and transcriptomics approach”
Ismailia, EGYPT

Organiser:
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This course aims at enabling researchers in cancer field to explore and use computational tools required in their practice by making these tools understandable and accessible. Participants will gain informatics skills and experience needed to analyze cancer-omics data from genomics and transcriptomic perspective. Topics will include:

• Cancer databases navigation and working with its data sets
• Cancer-omics data analysis for gene expression, genome rearrangement, somatic mutations, and copy number variation
• Cancer pathway data analysis methods
• Clinical data and omics data integration
• Networks in systems biology analysis
• Introduction to drug design and discovery
• Best practices in cancer omics data and workflow management
• Machine Learning for cancer research
• Ethics of data usage and security

Participants
• This course is intended for clinical researchers, post-doctoral fellows, and graduate students working in the cancer research field
• Admittance is limited to 40 participants
• Interested participants must provide a proof of experience on basic bioinformatics knowledge (certificate)
• Registrations will be accepted on first-come, first-served basis and will only be considered complete upon receipt of the relevant payment. The registration fee includes attendance, meals and local transportation
  - Postgraduate Students: Euro 100
  - Postdocs and Professors: Euro 200
• Participants will need to bring their own laptops

Funding
• A limited number of grants will be available for nationals of ICGEB Member States to waive the registration fee and cover twin-share accommodation
• Interested, eligible applicants must apply online at the course online announcement on the ICGEB website, and additionally upload a motivation statement

Deadline  30 September 2018

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