To All Graduate Students

Title: Cancer Genomics and Precision Medicine: Limitations and solutions

Teaching Staff: Shashikant Kulkarni
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Time and Date: 22nd September, 2017 (Fri) 16:00 - 17:30

Room: Library Room East - 6th floor, Medical Science Research Building 3

Language: English

Abstract:
Exciting advances in DNA sequencing technology have the potential to make Next Generation Sequencing (NGS) available for Cancer diagnostics. The development of precision medicine for the management of cancer is an appealing concept; however, major scientific and logistical challenges hinder its implementation in the clinic. Clinical implementation of Precision Oncology requires overcoming a host of challenges that include developing analytical tools, efficient processes, data sharing for clinical evaluation of novel variants and truly delivering on the promise of precision medicine in cancer to primary care cancer centers. Substantial challenges remain for regulatory and reimbursement issues. I will discuss research application of NGS in cancer using leukemia as an example. I will then highlight remaining challenges and solutions we are adapting at Baylor College of Medicine and Baylor Genetics.

No registration required
Please stay until the end of the lecture.

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