



## *BMC-GPMLS: Distinguished lecture series*

# **Dr. Serena Nik-Zainal**

CDF Group Leader at Wellcome Trust Sanger Institute, UK



**Title: “Landscape of somatic genetics in 560 whole breast cancer genomes”**

Based on the largest cohort of whole-genome sequenced cancers of single tissue type to date, I will describe the landscape of somatic genetics in this dataset paying particular attention to novel findings. Recurrent mutations in the non-coding regions and mutational profiles that distinguish BRCA1 from BRCA2 null cancers will be described. Additionally, I will present our method of whole genome profiling which provides distinctive visualisations of individual patient tumours.

**Time: Friday, May 6<sup>th</sup> , 12:50-13:30**

**Location: Askja, Lecture Hall 132**