NCRIS Seminar Series



Olusegun ALATISE, MB.ChB, M.Sc

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Department of Surgery
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College of Health Sciences
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Date:
17th Jan 2020
(Friday)

Venue:
Meeting Rm 7C
Level 7
Duke-NUS Medical School 8 College Road
Singapore 169857

Time:
2:30 to 3:30 p.m.

Title:

The regional heterogeneity of colorectal cancer: A comparison between Nigeria and the US

Abstract:

This study presents the first prospective profiling of the clinicopathologic and molecular features of colorectal cancer in West Africa with the objective of comparing clinicopathologic and molecular characteristics of colorectal cancer in Nigerian versus US patients. Clinicopathologic data from consecutive patients from a multicenter, prospectively maintained Nigerian colorectal cancer database were compared to a contemporary cohort from Memorial Sloan Kettering Cancer Center (MSKCC). Fresh-frozen tissue from Nigerian patients was analyzed with a multigene, next-generation sequencing assay, along with immunohistochemistry and methylation analyses; data were compared to molecular data from MSKCC and The Cancer Genome Atlas (TCGA) cohorts. The presentation and molecular profile of CRC in Nigeria appears to be distinct from that in the US, emphasizing the need for context-specific data to guide diagnostic and treatment approaches in Nigerian patients.

About the Speaker:

Prof. Olusegun Isaac Alatise has been a Professor of Surgery at the Faculty of Clinical Sciences, College of Health Sciences, Obafemi Awolowo University and a Consultant General Surgeon at the Teaching Hospital. His area of interest is in Surgical Oncology and Gastroenterology. He had his Surgical Oncology training at Memorial Sloan Kettering Cancer Center, New York, USA. He has also had other training fellowships in Endoscopy and Colorectal Surgery sponsored by the World Gastroenterology Organization, African Middle East Association of Gastroenterology and Endoscopy, and the International Council of Coloproctology. He has attended many national and international meetings as a resource person and he is a member of many national and international organizations in his area of interest. In 2013, he participated in African Cancer Leader Institute and in 2016, he was selected as one of the '50 for 50' upcoming global cancer leaders by International Agency for Research on Cancer (IARC). In 2017, he was awarded the prestigious Prof T.A.I Grillo Excellence in Research Award by his University.

Host

Prof Teh Bin Tean, Deputy Director (Research), NCCS

No registration is required.
All are welcome.