Signature Seminar Series

Childhood Rhabdomyosarcoma: New Research Tools For Precision Medicine

ABOUT THE LECTURE

Rhabdomyosarcoma is the most common soft tissue sarcoma of childhood and adolescence. Survival for high-risk groups is less than 30% and this has not improved in decades. This is in part due to the wide range of mutations found in rhabdomyosarcoma, including some of the tumor drivers that are intrinsically disordered fusion transcription factors refractory to pharmacologic targeting. However, new research tools for precision medicine are beginning to revolutionize the approach towards this cancer. In this presentation, Dr. Linardic will share work from her collaborations with the international Children's Oncology Group clinical trials consortium, the National Institutes of Health NCI Pediatric Fusion Oncoprotein Moonshot Initiative, and her own research laboratory including new tools for precision diagnosis, risk stratification and treatment.

Speaker: **Dr Corinne Linardic**
Associate Professor of Pediatrics
Associate Professor of Pharmacology & Cancer Biology
Duke University School of Medicine



Host: **Prof David Virshup**
Programme Director
Cancer and Stem Cell Biology Programme
Duke-NUS Medical School

Date: **Tuesday, 11 July 2023**

Time: **12.00 PM - 1.00 PM**
(Light refreshment will be served at 11.30AM)

Venue: **Duke-NUS Medical School**
Amphitheatre, Level 2

Contact Person: **Ms Serene Wie (serene.wie@duke-nus.edu.sg)**
Duke-NUS Research Affairs Department

ABOUT THE SPEAKER

Dr. Linardic obtained her MD and PhD degree from Duke University School of Medicine, then trained in pediatrics and pediatric hematology-oncology at the Children's Hospital of Philadelphia. She returned to Duke to join the faculty in the Departments of Pediatrics and Pharmacology & Cancer Biology. At Duke, she cares for children with hematologic and oncologic disorders, leads a research lab on the translational and basic biology of rhabdomyosarcoma, and mentors clinical and research trainees.

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