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Tumor-educated platelets: A blood-based platform for biomonitoring and molecular cancer diagnostics

Tumor-educated blood platelets (TEPs) are implicated as central players in the systemic and local responses to tumor growth, thereby altering their RNA profile. In this presentation, we will discuss the potential use of TEPs for pan-cancer multiclass cancer and companion diagnostics, enabling clinical advances in blood-based “liquid biopsies”.

Speaker Biography

Bakhos A Tannous is an Associate Professor of Neurology at Harvard Medical School and Director for the Interdepartmental Neuroscience Center at the Massachusetts General Hospital. He is a Member of the Dana Farber/Harvard Cancer Center and also acts as Co-Director of the Molecular Neurogenetics Unit-East and Director of the MGH Viral Vector Production Facility. His research interest includes novel imaging and high throughput discovery of gene/cell/drug therapies for brain tumors, as well as blood-based platforms for cancer molecular diagnostics. He has published >100 papers in peer-review journals and serves as an Editorial Board Member of several journals.

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