

Clinical **i**nformatics Grand Rounds

Webinar March 6th, 2025

12 pm PT / 3 pm ET

“14.4 Million Years to Go?”



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Abstract: One of the most striking challenges in precision oncology is that each tumor contains, on average, 4 to 5 driver alterations and biomarkers from millions of potential mutations among over 700 cancer driver genes. To gather the necessary evidence for selecting the appropriate therapy for each combination of genetic alterations, we would need randomized clinical trials lasting 14.4 million years. The next generation of deterministic, multidimensional algorithmic clinical decision support systems for evidence-based personalized treatment planning is set to address this complex clinical challenge.

[> Zoom Link <](#)

Clinical **i**nformatics Grand Rounds



Cancer Clinical Informatics Grand Rounds (CiGR): Serves as a platform for knowledge exchange, fostering collaboration, and advancing the use of clinical informatics to improve cancer care, elevate patient outcomes, and support translational research and biomarker discovery. The goal is to highlight applied informatics practices, tools, and methodologies that benefit cancer patients, offering a space for in-depth discussions on key topics in the field.

Scope: The Cancer Clinical Informatics Grand Rounds Series, held monthly on the first Thursday, focuses on the intersection of clinical informatics and cancer care. This series covers a wide range of topics in Artificial Intelligence, Data Science, Technology, and Clinical Applications specifically tailored to oncology. It provides a dedicated forum for discussing advancements, challenges, and innovative informatics and data science strategies essential for enhancing cancer research, diagnosis, treatment, and, ultimately, patient outcomes.



>> **CiGR Monthly Webinar Schedule** <<