Yale Interventional Oncology Lab Presents:

David Madoff, MD, Co-Director, IO Research Lab; Professor of Radiology and Biomedical Imaging; Vice Chair for Clinical Research; Section Chief, Interventional Radiology

*Interventional Oncology as the 4th Pillar of Cancer Care*

Julius Chapiro, MD, PhD, Co-Director, IO Research Lab; Assistant Professor of Radiology and Biomedical Imaging; Associate Director, Clinical and Translational Core, Yale Liver Center

*Quantitative Biomarkers, Molecular Imaging and Artificial Intelligence to guide Therapy of Liver Cancer*

Jessica Santana, MS, Graduate Student

*Molecular Imaging of the Immuno-Metabolic Cross-Talk of Liver Cancer in Translational Animal Models*

Tal Zeevi, MS, Graduate Student

*Deep Learning to Predict Disease Recurrence of Early Stage HCC on Baseline MR Imaging*

**Needs:** Educate care providers and research coordinators on the character of ongoing research involving loco-regional therapies for liver cancer. Provide an overview of IO as the fourth pillar of cancer care.

**Objectives:** Learn about the role of IO as the 4th pillar of cancer care; become familiar with cutting-edge research and ongoing basic, translational, and clinical trial projects.

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