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Pancreatic cancer is the fourth-leading cause of death from cancer in the United States. It has the worst 1- and 5-year survival rates of any cancer. The only way to early detection, prevention or cure of the disease is through the application of the best science we can muster. This lecture will demonstrate how the survival rate for patients with advanced pancreatic cancer has improved through the genomic profiling of pancreatic cancer tumor cells, the characterization of tumor stroma and the study of how pancreatic cancer cells use “fuel.”

An unexpected finding while molecularly profiling patients’ cancers is the finding that rare cancers (e.g. acinar cell, adenosquamous cell, salivary gland tumors, and others) often have a single mutation or abnormality which “drives” that cancer. Using a targeted agent for treating patients with rare cancers can produce dramatic shrinkage of their cancers.

For Phoenix lecture only, register by March 18th at http://buffmirelecturespring2013.eventbrite.com/
For questions about the Tucson lecture, please contact Zaida Zalbidea at research@medicine.arizona.edu or (520) 626-2483.
The Tucson lecture will be video streamed live: streaming.biocom.arizona.edu/home