

Dr. Zeh Research Update, January 3, 2011

PMP is characterized by the production of large amounts of mucin with spread in the abdominal cavity. Molecular analysis is hampered by the difficulty in identifying and isolating cancer cells in this large Pool of mucinous material. We have been able to identify and subsequently purify cancer cells directly from patient samples. These sorted highly purified PMP tumor samples were then profiled with high definition whole genome methods. This has led to the identification of novel clinically relevant targets in the genome of this cancer. Our findings provide the basis for the advancement of novel therapeutic strategies for patients with PMP.