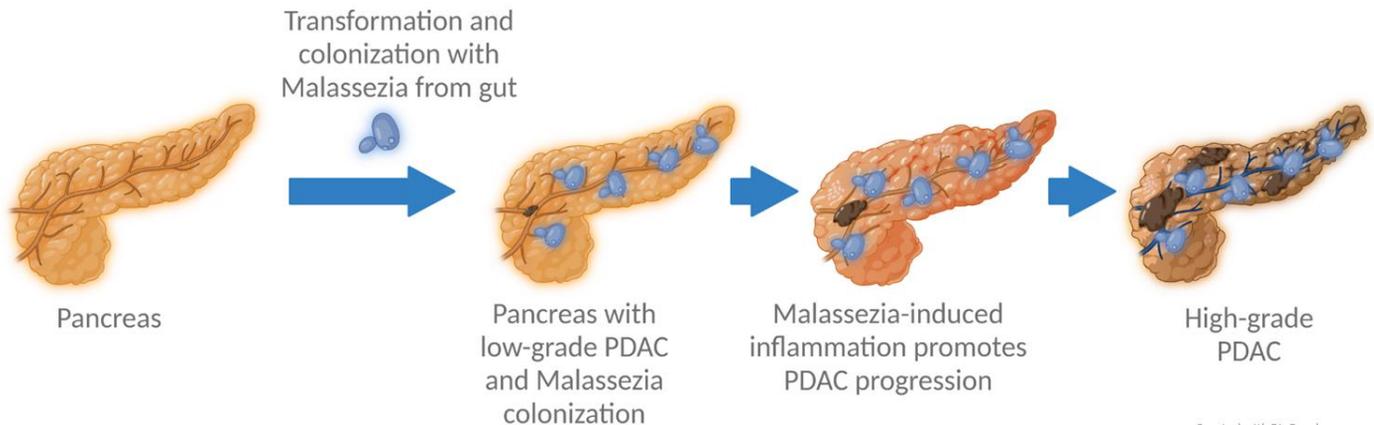


**Working Group of A.Univ.Prof.Dr. Cornelia Speth and Dr. Günter Rambach:**

## **Research area:**

# **Role of the yeast *Malassezia* in progression of ductal pancreatic adenocarcinoma PDAC**

Ductal pancreatic adenocarcinoma (PDAC) exhibits the poorest prognosis of all solid tumors. A deeper pathogenetic understanding might enable the development of new therapeutic approaches and thus improve the outcome of the affected patients. Recent research established a connection of the basidiomycete yeast *Malassezia* and PDAC. According to that model, *Malassezia* migrates from gut into pancreas, subsequently triggers a pro-inflammatory complement reaction and thus fuels PDAC progression. Together with our cooperation partner Assoc.-Prof.Priv.-Doz. Manuel Maglione from the Department of Visceral, Transplant, and Thoracic Surgery, our working group focuses on selected aspects of *Malassezia*-associated tumor induction and immunology. In addition, we aim to translate our results in the development of supportive therapies.



### **Research Mycology:**

Identification of pathomechanisms of *Malassezia*

### **Research Immunology:**

Interaction of local pancreatic immunity with *Malassezia*

### **Research New therapies:**

Antiseptics  
Antimycotics  
Immunomodulation