

# Fall 2007 SEMINAR SERIES

## F21C Bioprocessing & Biosensing Center

• DIVISION OF FOOD SYSTEMS & BIOENGINEERING •

PRESENTER:

**Mainor R. Antillon, MD, MBA, MPH**

Professor of Clinical Medicine and Surgery

Vice-Chairman of Internal Medicine- Clinical Programs

Director of Endoscopy

Division of Gastroenterology & Hepatology

University of Missouri-Columbia

TITLE:

**Pancreatic Cancer**

ABSTRACT:

Pancreatic cancer is the fourth leading cause of cancer deaths each year in the United States, and its prevalence is increasing. Accurate diagnosis and staging is important in determining prognosis and in selecting appropriate therapy. Pancreatic cancer has a poor prognosis mostly due to the late diagnosis. In order to change the prognosis of this devastating disease early diagnosis and improvement in therapy are necessary. Improvement in the early diagnosis has clearly been shown to improve 5 year survival. Endoscopic Ultrasound Fine Needle Aspiration (EUS-FNA) has become the standard for cytological diagnosis of pancreatic cancer but its sensitivity and specificity varies and is particularly low in the setting of chronic pancreatitis a disease that has been shown to be premalignant stage for chronic pancreatitis. EUS has also become crucial in the staging of pancreatic cancer deemed resectable by other imaging studies such as CT scan. Novel EUS-guided therapeutic modalities have recently been described and look promising in the therapy of unresectable pancreatic cancer.

BIOGRAPHY:

Dr. Antillon obtained his MD degree from the Universidad de San Carlos de Guatemala in 1978. He completed his residency in Internal Medicine at the Charles R. Drew University of Medicine and Science in Los Angeles, California. In 1988 he finished his hepatology fellowship at Rancho Los Amigos Medical Center, University of Southern California. The following year he completed a gastroenterology fellowship at King-Drew Medical Center. He acquired advanced training in gastrointestinal oncology and endoscopic ultrasound from UC Irvine Medical Center in 1999. In addition to completing a Healthcare Master in Business Administration (MBA) Program from the University of California, Irvine in 2002, he also obtained a Master of Public Health (MPH) from the UCLA School of Public Health in 2003. Dr. Antillon currently serves as the Vice Chairman of Clinical Programs for Internal Medicine, Director of Endoscopy, and Professor of Clinical Medicine and Surgery at the University of Missouri-Columbia. His area of interests focus on the application of new technologies such as: narrow banding imaging (NBI), endoscopic ultrasound (EUS), and ERCP, pancreatoscopy and cholangioscopy in the early diagnosis, staging and therapy of GI neoplasias and other pancreaticobiliary lesions. He is particularly interested in utilizing endoscopic mucosal resection (EMR) and endoscopic submucosal dissection (ESD) for removal of large benign and early-stage malignant lesions throughout the GI tract.

DATE • TIME • LOCATION:

**Tuesday, November 6, 4:00 pm**

**Ag Eng Bldg 105 • Refreshments**