Molecular Basis for Neoplasia in the Digestive Tract
Sponsored by the Division of Gastroenterology and Center for Molecular Studies in Digestive and Liver Disease

Tuesday April 3, 2001, 8:30 a.m. to 3:30 p.m.
Gregg Conference Center, 270 Bryn Mawr Avenue, Bryn Mawr, Pennsylvania

Schedule of Events
7:30   Continental Breakfast
8:20   Welcome and Overview-Anil Rustgi, M.D.

Models of Digestive Disease: Metaplasia, Dysplasia, Neoplasia

Moderator-Anil Rustgi, M.D.
8:30   Helicobacter-dependent mouse models of gastric cancer.
       Timothy Wang, M.D., University of Massachusetts
9:00   A Model of Intestinal Metaplasia.
       Debra Silberg, M.D., Ph.D., University of Pennsylvania
9:15   Regulatory cascades in gastrointestinal proliferation and differentiation
       Klaus Kaestner, Ph.D., University of Pennsylvania:
9:45   Growth and differentiation of normal human colonic cells in organotypic culture
       Meenhard Herlyn, D.V.M., Wistar Institute

10:15  Break

DNA Mismatch Repair and Cancer

Moderator-Timothy Hoops, M.D.
10:30  Biophysical mechanisms of DNA Mismatch Repair
       Richard Fishel, Ph.D., Thomas Jefferson University
11:00  Normal and perturbed regulation of the human DNA mismatch repair system in colorectal cancer.
       C. Richard Boland, M.D., University of California, San Diego:

11:30 am -1:15 pm Lunch and Poster Session.

Cell Cycle, Senescence and Apoptosis

Moderator-Gregory Enders, M.D., Ph.D.
1:15   Mechanisms of Apoptosis.
       Craig Thompson, M.D., University of Pennsylvania:
1:45   Regulation and role of the INK4a/ARF locus in intestinal neoplasia.
       Gregory Enders, M.D., Ph.D., University of Pennsylvania
2:00   Apoptosis in primary liver cells and in hepatocellular carcinoma.
       David Brenner, M.D., University of North Carolina:
2:30   Oncolytic Adenoviruses.
       Katherine L. Molnar-Kimber, Ph.D., University of Pennsylvania:
2:45   TRAIL Pathway in Esophageal Cancer.
       Wafik El-Deiry, M.D., Ph.D., University of Pennsylvania
3:15   Close of Conference - Anil Rustgi, M.D.

This event is free of charge, but advance registration is required.
For more information, contact the Center at kaislisa@mail.med.upenn.edu.