

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.