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Center for Molecular Studies in Digestive and Liver Disease  
**First Annual Conference and Retreat**  
**Molecular Basis of Hepatic Gene Regulation: From Bench to Bedside**

**Wednesday April 5, 2000**

Gregg Conference Center ❖ 270 Bryn Mawr Avenue ❖ Bryn Mawr, Pennsylvania

8:00 a.m. Continental breakfast

8:50 Welcome: Peter Traber, M.D.

Interim Chief Executive Officer and Dean ❖ Frank Wister Thomas Professor of Medicine  
Director, Center for Molecular Studies in Digestive and Liver Disease University of Pennsylvania School of  
Medicine

**Hepatic Development and Growth**

**Moderator:** Rebecca Taub, M.D. ❖ University of Pennsylvania ❖ Department of Genetics  
Associate/Scientific Director, Center for Molecular Studies in Digestive and Liver Disease

9:00 *The Developmental Origin of the Liver*

Kenneth Zaret, Ph.D. ❖ Fox Chase Cancer Center ❖ Cell and Developmental Biology Program

9:30 *The Role of C/EBP $\alpha$  in Growth and Differentiation*

Gretchen Darlington, Ph.D. ❖ Baylor University ❖ Department of Pathology

10:00 *C/EBP beta and Liver Injury*

Linda Greenbaum, M.D. ❖ University of Pennsylvania ❖ Division of Gastroenterology

10:15 **Break**

10:30 *Type I Collagen Gene Regulation in the Normal and Fibrotic Liver*

David Brenner, M.D. ❖ University of North Carolina ❖ Division of Digestive Diseases & Nutrition

11:00 *Metabolic Control by the HNF3 Gene Family*

Klaus Kaestner, Ph.D. ❖ University of Pennsylvania ❖ Department of Genetics

11:30 *IL-6 in Liver Regeneration: Protection Against Liver Injury and Apoptosis*

Rebecca Taub, M.D. ❖ University of Pennsylvania ❖ Department of Genetics

**General Poster Session and Lunch**

Noon – 2:00 p.m.

**Keynote Speaker**

2:00 ***Control of Apoptosis Proliferation and Differentiation by Transcription Factor NF- $\kappa$ B***

Albert Baldwin, Ph.D. ❖ University of North Carolina ❖ Department of Biology

**Hepatitis, Transplantation, and Gene Therapy**

**Moderator:** Michael Lucey, M.D. ❖ University of Pennsylvania ❖ Gastroenterology Division  
Associate Division Chief and Medical Director, Liver Transplant Program

3:00 *Genetic Immunomodulation of Liver Allografts*

Abraham Shaked, M.D., Ph.D. ❖ University of Pennsylvania ❖ Department of Surgery

3:30 *Pathways of Injury and Repair in Liver Grafts*

Kim Olthoff, M.D. ❖ University of Pennsylvania ❖ Department of Surgery

*Cellular Immunity and the Outcome of HCV Infection*

Kyong-Mi Chang, M.D. ❖ University of Pennsylvania ❖ Division of Gastroenterology

4:15 *AAV-Mediated Gene Therapy for Hemophilia*

Katherine High, M.D. ❖ Children's Hospital of Philadelphia ❖ Division of Hematology

4:45 p.m. *Adjournment*

**Conference Sponsors**

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Fujisawa, Merck & Co., Inc., SmithKline Beecham, Schering Oncology Biotech

**Conference Organizers**

Rebecca Taub, M.D. ❖ Professor of Genetics and Medicine

Associate/Scientific Director, Center for Molecular Studies in Digestive and Liver Disease

Gary Wu, M.D. ❖ Assistant Professor of Medicine ❖ Division of Gastroenterology