

BENAROYA **RESEARCH INSTITUTE**

KENNETH R. WILSKE LECTURE SERIES IN SCIENCE AND MEDICINE

Lothar Hennighausen, Ph.D.
Laboratory of Genetics and Physiology
NIDDK at NIH
Bethesda, MD

The JAK2-STAT5 Communication Network

FRIDAY, JUNE 27TH, 2008

NOON - 1:00 PM

BRI AUDITORIUM

CURRENT PROJECTS INCLUDE THE ANALYSIS OF THE PROLACTIN/JAK2/STAT5 AND B-CATENIN SIGNALING PATHWAY IN CELL SPECIFICATION AND CELL FATE DETERMINATION, THE ROLES OF INHIBINBB AND C/EBPB IN MAMMARY DEVELOPMENT AND FUNCTION, AND THE ROLE OF BCL-2 FAMILY MEMBERS ON MAMMARY GLAND REMODELING DURING INVOLUTION. EXPERIMENTAL EMPHASIS IS ON THE ESTABLISHMENT OF GENETIC SYSTEMS THAT PERMIT THE CELL-SPECIFIC AND TEMPORAL INACTIVATION AND REACTIVATION OF GENES IN THE MOUSE. IN ADDITION, LGP HAS ESTABLISHED PUBLIC RESOURCE FOR THE FIELD OF MAMMARY GLAND BIOLOGY, THE 'BIOLOGY OF THE MAMMARY GLAND' WEB SITE, AND THE NIH HISTOBANK, A REPOSITORY FOR HIGH-RESOLUTION IMAGES FROM MOUSE MODELS AND HUMAN DISEASE.

BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON
1201 NINTH AVENUE, SEATTLE, WA 98101

This seminar is hosted by Dr. Ziegler (sziegler@benaroyaresearch.org)