INSTITUTE FOR CANCER RESEARCH
UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER
OF FORT WORTH, TEXAS

ICR Grand Rounds Seminar

"The p53 pathway, the stem cell state, and cancer"

Learning Objectives…

Those attending this presentation will receive educational information and be exposed to the following ideas and concepts to:

1) Review the p53 pathway, how it is activated, and how it is controlled.

2) Discuss the reversibility of the differentiated state, and how p53 activates responses that prevent oncogenes from inducing pluripotentiality.

3) Discuss recently submitted data showing that p53 mutation correlates with stem cell signatures in some types of breast cancer, and discuss what this means in terms of mechanisms of tumorigenicity.

4) Discuss recently submitted data documenting the identification, isolation and characterization of embryonic mammary stem cells, and how their gene expression signature relates to certain types of breast cancer.

Geoffrey M. Wahl, Ph.D.
Professor
Gene Expression Laboratory
The Salk Institute
La Jolla, California

Date: **Wednesday**
September 15, 2010

Time: **12:00 to 1:00 pm**

Location: **RES-114**
(Beyer Hall)

Lunch will be provided on first come basis.