



UNC
SCHOOL OF MEDICINE

BIOCHEMISTRY & BIOPHYSICS

Thesis Defense Seminar

Gauri Dixit

“Regulation of Cell Morphogenesis by Targeted Noise Suppression and Trafficking of a G Protein α Subunit”

March 5, 2014

9:00 a.m.

1131 Bioinformatics

Seminar is based upon doctoral dissertation
of Gauri Dixit under the direction of
Dr. Henrik Dohlman.

ABSTRACT :

G proteins and their associated receptors form the largest class of proteins that receive and transduce chemical and sensory signals. Regulation of G proteins therefore, is critical to appropriate cellular responses. The work in this thesis evaluates a new function for a known regulator of signaling and identifies a new class of previously unknown regulators that mediate G protein trafficking.