

Eukaryotes-Small to Large:

Genome Evolution, Cell Biology & Molecular Medicine

*in honor of Dr. Benjamin D. Hall
for his 75th birthday*

Speakers:

Dissecting functions for protein phosphatase I in the yeast nucleus Kelly Tatchell

Into osmotic stress Gustav Ammerer

Retrograde nuclear accumulation of cytoplasmic tRNA—a conserved response to nutrient deprivation
Anita Hopper

Ty3 now and then Suzanne Sandmeyer

Regulation of alcohol metabolism in yeast Ted Young

Cellular responses to genotoxic and cytotoxic stress in fission yeast Paul Russell

Saccharomyces is for sissies: the genomes of *Candida albicans* and *Candida dubliniensis* Pete Magee

The evolutionary adaptation of fungi from water to land: how many times were the flagella lost in the fungal lineage? Yajuan Liu

Genes, Environment or Chance-Which One Determines Longevity Most? Tom Johnson

Foamy viruses: evolution to viral perfection Maxine Linial

Histone dynamics and epigenetics in plants and animals Steve Henikoff

The dynamics of transcription factor/genome interactions in living cells Gordon Hager

The unitary chemical frame for the origin of genetic polymers Ernesto DiMauro

Monoclonal antibodies as therapeutics
Donna Montgomery

Identification of cancer targets from siRNA based screens
Aparna Sarthy

Recombinant subunit West Nile Virus vaccine Ray Koski

Functional constraint on the evolution of the RNA polymerase II C-terminal domain John Stiller

RNA/DNA hybrids RNase H and human diseases and disorders Robert Crouch

Molecular Genetics of Color Vision Samir Deeb

Identification of surface exposed tumor associated antigens in breast cancer cells by comparative shotgun proteomics Loren Schultz

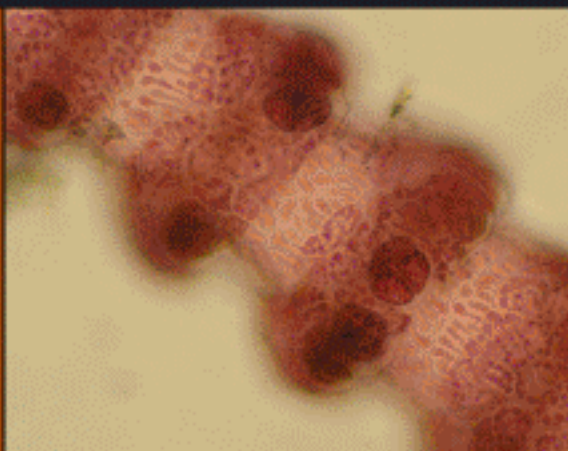
ER quality control and cystic fibrosis David Thomas

Human genetic variation—what is the big picture?
Maynard Olson

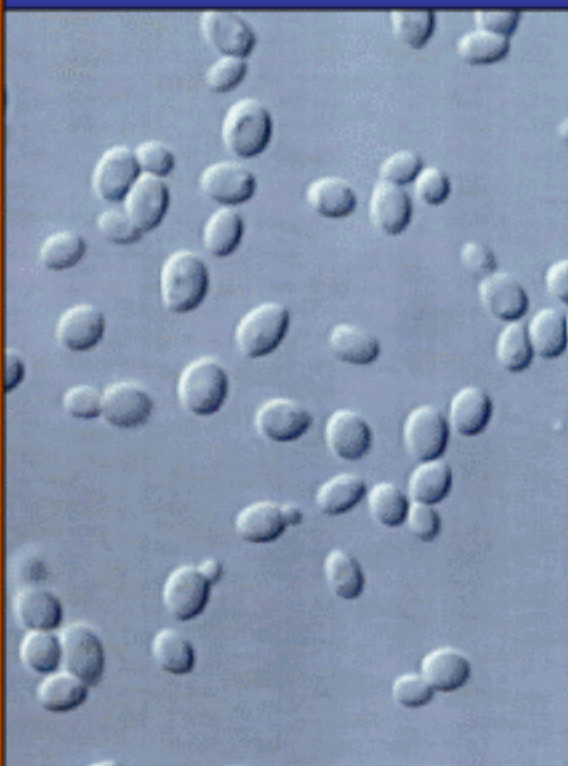
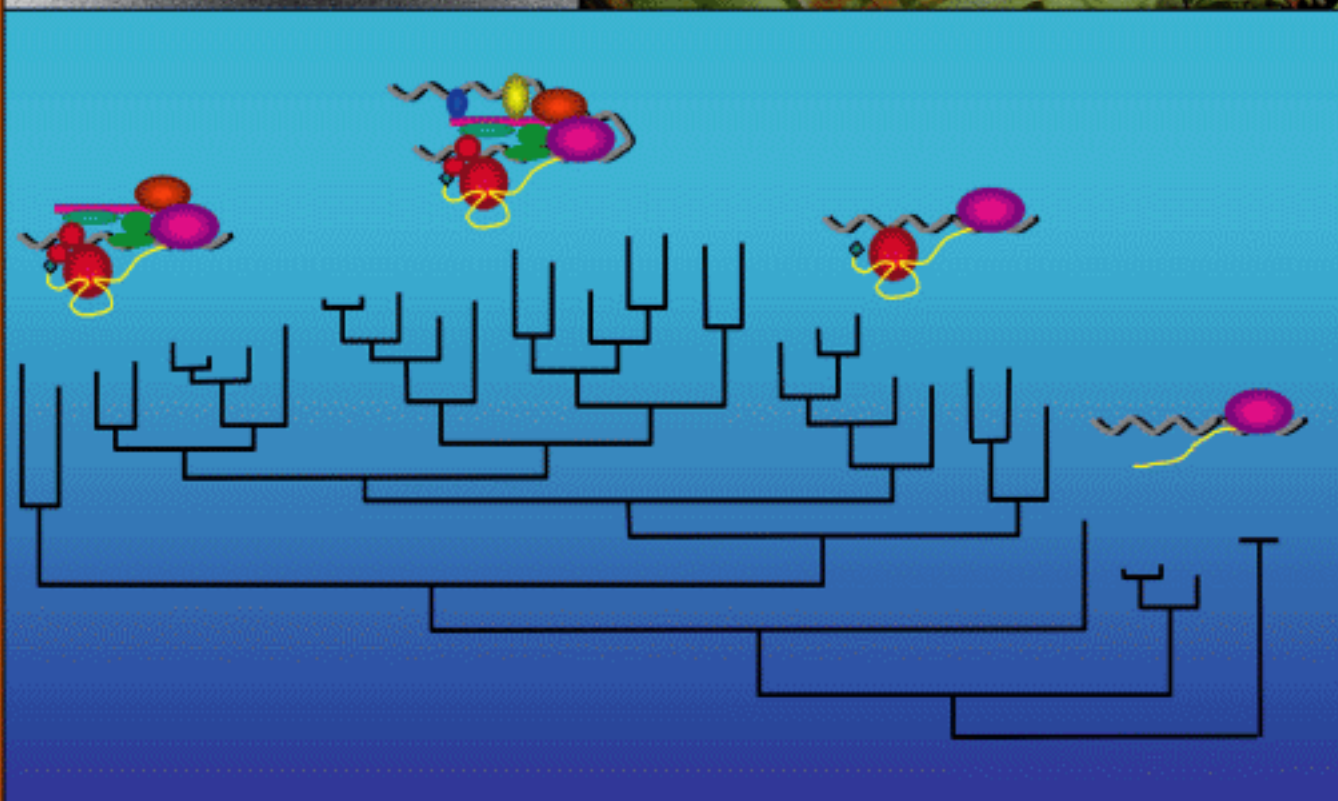
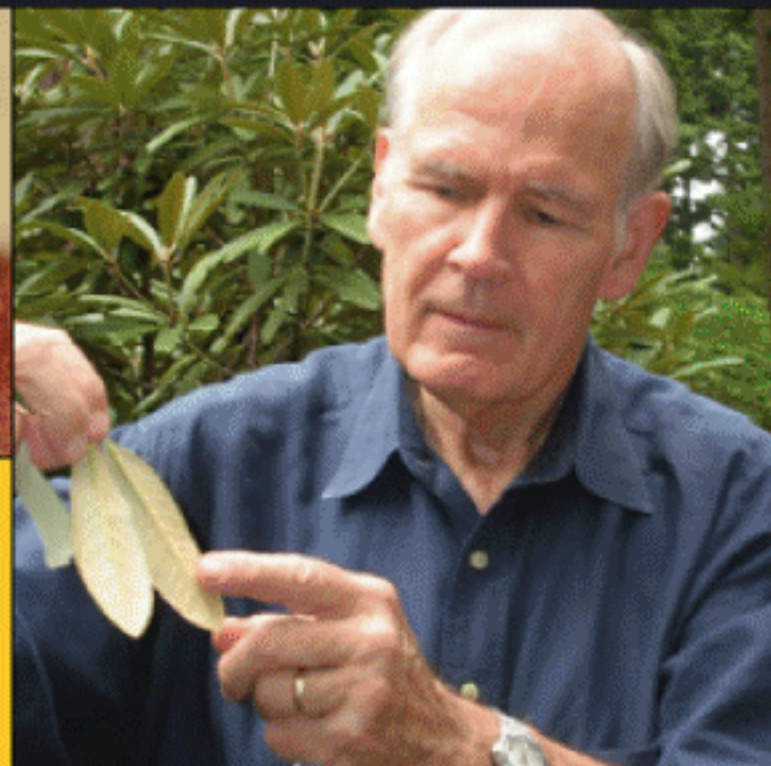
A zipcode for transgenes? Targeting T-DNA from agrobacterium to a choice location in the plant genome
Mary Dell Chilton

Tracking the origin and diversification of Sino-Himalayan Rhododendrons using RNA polymerases II and III
Amy Denton

Jumping about the Rhododendron genome Ben Hall



A theme that has run through Ben's research throughout his career has been transcription and RNA polymerase. He initiated this interest using bacteriophage, moved on to yeast, and more recently to plants, in particular rhododendrons. Ben's graduate students, postdoctoral fellows and collaborators from throughout Ben's career are gathering to celebrate by presenting their current research.



University of Washington
School of Medicine

Thursday, August 23, 9:30-5:10
Friday, August 24, 9:30-4:45

W.H. Foege Auditorium
Room S060

No registration required

Symposium information is available on the
Department of Genome Sciences homepage
at www.gs.washington.edu