

COLORADO

# CAFÉ SCIENTIFIQUE

TUESDAY 27 SEPTEMBER 2005

at the Wynkoop Brewing Company

<http://www.wynkoop.com/>

Corner of 18<sup>th</sup> and Wynkoop in LoDo, Denver

About a block from Light Rail. Thirteen minutes by foot from Auraria.

## YEAST AND HUMANS IN CIVILIZATION

THE SCIENCE BEHIND A LONG-STANDING FERMENTED RELATIONSHIP

**Bob Sclafani**

Biochemistry & Molecular Genetics, CU Medical School

Yeast is your buddy. *Saccharomyces cerevisiae* must be the most generous microorganism on the planet, because it's both Baker's and Brewer's yeast. It's also your close relative: unlike bacteria, yeast are eukaryotes, that is they have a real nucleus like our cells do. So not only are they friendly little fermenters, they serve as models for all sorts of processes that go on in human cells.

Although yeast don't get cancer, the ways in which they control replication are directly relevant and very informative for cancer researchers like Bob Sclafani. In his spare time Bob likes to whip up a little brew, and that glass in your hand may very well be the product of one of his yeast strains. Too technical a topic? No...it's all froth.

**EVERYONE IS WELCOME.** The discussion starts at 6:30 in the Mercantile Room (no food service there). Come before 6 PM to leave yourself time to get something to eat, or stay and eat afterwards. We end around 8 PM.

There's no charge. The Wynkoop is generously providing the facility; we buy our own food and drinks. It will be first come, first seated, and **seating is limited** so that everyone who wants to can be part of the discussion.

The Colorado Café Scientifique is organized by an informal group of President's Teaching Scholars and other faculty from CU and institutions up and down the Front Range, as well as science types from industry, government and elsewhere. We welcome your input, including ideas for speakers and topics. Bring them with you to the next Café, or e-mail them and any questions to [John.Cohen@UCHSC.edu](mailto:John.Cohen@UCHSC.edu)

FURTHER ESSENTIAL INFORMATION ON OUR WEB SITE AT

<http://CafeSciColorado.org>