



## "A Passionate Curiosity— Enzymes, Gene Regulation, Mutagenesis, Carcinogenesis and Micronutrients"

A Symposium in Honor of the Life and Contributions of  
Professor Bruce N. Ames

9:00 AM Welcome & Opening Remarks - Sofia Ames

### SESSION ONE - Chair: Michael Botchan

9:10 AM **Gerald Fink** (Whitehead Institute, MIT, Cambridge, MA)  
Title: "Bruce at the NIH— Origins of the Ames Test"

9:35 AM **Gerald Smith** (Fred Hutchinson Cancer Research Center, Seattle, WA)  
Title: "What I Learned in Bruce Ames' Lab"

10:00 AM **Graham Walker** (HHMI and Dept. of Biology, MIT, Cambridge, MA)  
Title: "Bruce Ames— Creativity, Fearlessness, and 'So, You're Getting Settled in Berkeley?'"

10:25 AM COFFEE BREAK (in 2nd floor lobby of LKS)

### SESSION TWO - Chair: Jeremy Thorner

11:00 AM **Charles Turnbough** (Dept. of Microbiology, Univ. of Alabama, Birmingham, AL)  
Title: "Bruce's Contributions to the Discovery of Transcription Attenuation Control of Bacterial Gene Expression"

11:25 AM **Gisela Storz** (Director, Molecular & Cellular Biology, NICHD, NIH, Bethesda, MD)  
Title: "Still Curious about Gene Regulation in Response to Oxidative Stress"

11:50 AM **Cheng Liu** (President & CEO, Eureka Therapeutics, Inc., Emeryville, CA)  
Title: "Remembering Bruce Ames— A Mentor Without Boundaries"

12:15 PM LUNCH (sandwiches, etc., to be provided)

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SESSION THREE - Chair: Mark Alper

- 1:15 PM **Tommy Korn** (M.D., Sharp Memorial Hospital, San Diego, CA)  
Title: "The Ames Effect— How Bruce Shaped My Path in Medicine and Digital Health Innovation"
- 1:40 PM **Qin Chen** (Dept. of Pharmacology & Toxicology, Univ. of Arizona, Tucson, AZ)  
Title: "From Ames' Antioxidants to Protein Translation for Oxidative Stress Response"
- 2:05 PM **Kenneth Beckman** (Director, Biomedical Genomics Center, Univ. of Minnesota, Minneapolis, MN)  
Title: "Bruce Ames— An Observational Study"
- 2:30 AM COFFEE BREAK (in 2nd floor lobby of LKS)

SESSION FOUR - Chair: Randy Schekman

- 3:00 PM **Jens Lykkesfeldt** (Dept. of Veterinary & Animal Sciences, Univ. of Copenhagen, Denmark)  
Title: "Vitamin C— A Journey from Copenhagen to Berkeley, and Back"
- 3:25 PM **Emily Ho** (Director, Linus Pauling Institute, Oregon State Univ., Corvallis, OR)  
Title: "Micronutrient Deficiency and DNA Integrity— From Cells to the Population"
- 3:50 PM **Rhonda Patrick** (M.D., FoundMyFitness.com)  
Title: "Longevity Vitamins— Optimizing Vitamin D, Omega-3, and Magnesium to Slow Age-Related Decline"
- 4:15 PM **Bengt Mannervik** (Dept. of Biochemistry & Biophysics, Stockholm Univ., Sweden)  
Title: "Therapeutic GST enzymes targeting cancer via epitope-binding fusion proteins"
- 4:40 PM Closing Remarks - Randy Schekman
- 5:05 PM Musical Interlude (in auditorium) - (Tanya Tomkins & Friends), ~15-20 min.  
**Schubert Cello Quintet in C Major, D956, Op. posth. 163**  
**Adagio and Scherzo**  
*Anna Presler and Owen Dalby, Violins*  
*Meena Bhasin, Viola*  
*Robert Howard and Tanya Tomkins, Cellos*
- All of the above proceedings in the auditorium will be recorded.
- 5:30 PM POST-SYMPOSIUM RECEPTION (Catered buffet in 2nd floor lobby of LKS)  
[An "open microphone" will be available for spontaneous remarks by attendees]