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*Personalized Medicine 12.0*

# Aging & Healthspan

**A San Francisco  
State University  
Biology Conference**



**South San Francisco  
Conference Center  
Thursday 30 May 2019  
8:00am - 7:30pm**

**<http://personalizedmedicine.sfsu.edu>**



# Personalized Medicine 12.0

## Personalized Medicine at San Francisco State University

A star-studded cast of biotechnology, investment, academic, diagnostic, nonprofit and corporate research leaders share their perspectives on how the evolving landscape of Personalized Medicine is changing medical care and preventive medicine.

## The Time is Now

Now in its twelfth year, the Conference, hosted by the Department of Biology, draws more than 140 scientists, health professionals, business leaders, educators, journalists and students, providing amazing opportunities for networking and discussion of the hottest topics in the field.



# Aging & Healthspan

## *Perhaps the ultimate goal*

of medical intervention and prevention in the developed world is the extension of healthy lifespan, minimizing the maladies of aging and limiting the time during which we are incapacitated at the end of life. Scientists studying the seemingly inevitable phenomenon of aging have shown that environmental, lifestyle and genetic factors are all involved in this complex process. In this year's conference, Personalized Medicine 12.0: Aging & Healthspan, we probe the fundamental science of aging, the expanding arsenal of therapies to help combat the ravages of age, the costs and benefits of an extended healthy lifespan, and the ethical issues involved in providing concierge healthcare and life extension treatments for the wealthy, while not effectively addressing the disparity among the less fortunate multitudes. Join us for a day of extraordinary presentations, thought-provoking discussion, and memorable networking, in the heart of Biotech Bay.





# 2019 Conference 30th May

## Conference Program At-A-Glance

**8:00 AM**

Registration / Breakfast & Networking

**8:50 AM**

Opening Remarks

Michael A. Goldman, Ph.D.

San Francisco State University

Coming of Age: An introduction

**9:10 AM**

George M. Martin, M.D.

University of Washington

Segmental and unimodal types of progeroid & anti-progeroid syndromes

**9:50 AM**

Vera Gorbunova, Ph.D.

University of Rochester

The evolutionary biology of aging

**10:25 AM**

Networking Break

**10:50 AM**

James L. Kirkland, M.D., Ph.D.

Mayo Clinic

Prospects for extending healthspan

**11:30 AM**

Panel Discussion

The economics of an extended healthspan

Anoshua Chaudhuri, Ph.D.

San Francisco State University

Xi Cen, Ph.D.

University of Rochester and Stanford University

**12:30 PM**

Networking Lunch

**1:15 PM**

Judith Campisi, Ph.D.

Buck Institute for Research on Aging

& Lawrence Berkeley National Laboratory

Cell senescence and organismal aging

**1:50 PM**

Matthew S. O'Connor, Ph.D.

SENS Research Foundation

Targeting toxic oxysterols with rationally designed cyclodextrins

**2:25**

Steven P. Braithwaite, Ph.D.

Alkahest, Inc.

Therapeutic innovations for aging from the plasma proteome

**3:00 PM**

Networking Break

**3:10 PM**

Barbara Koenig, Ph.D.

University of California San Francisco

Mortality in an aging society:

Managing new pathways to death

**3:45 PM**

Evaleen Jones, M.D., R.D.

Stanford University

Civilized Medicine 1.0:

Creating community through conversation

**4:20 PM**

Matt Kaeberlein, Ph.D.

University of Washington

Of biologists and dogs:

The quest to slow aging in our best friends

**5:00 PM**

Closing Remarks

Kevin Mullin

Speaker Pro Tem & Chair,

Select Committee on Biotechnology

California State Assembly

Michael A. Goldman, Ph.D.

San Francisco State University

**5:30-7:30 PM**

Reception & Student Posters

## 2019 Organizing Committee:

Michael A. Goldman, Ph.D.  
(2008 - current)  
Professor, SF State Department of Biology

Ken Hitchner (2008 - current)  
Vice President,  
Development Sciences Quality  
BioMarin Pharmaceutical Inc.

John Wulf (2009 - current)  
President, New Frontier  
Life Sciences Consulting

Dan Maher (2008 -2017)  
Biotechnology Executive, Retired Emeritus Organizer

Diane Fenster (2008 - current)  
Event Graphic Designer, College of Science & Engineering, SF State

Sally G. Paslon, Ph.D. (2010 - current)  
Associate Professor,  
SF State Department of Biology

Lannie Nguyen-Tang (2010 - current)  
Events Coordinator,  
College of Science & Engineering,  
SF State

Michael A. Behrens (2017 - current)  
Director of Development  
SF State College of Science & Engineering

Allyson Moulton (2017 - current)  
Marketing Consultant

Special thanks to the Staff of the  
Department of Biology and the  
College of Science & Engineering  
at SF State University, and the  
City of South San Francisco

## Watch for Personalized Medicine 13.0 in 2020!

<http://personalizedmedicine.sfsu.edu>

[dnamed@sfsu.edu](mailto:dnamed@sfsu.edu)

Twitter:

@SFSStateDNAMED

LinkedIn group:

<http://bit.ly/SFSUPMonLinkedIn>

The Department of Biology  
at SF State University

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& the biosphere

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## BioScience Forum

BioScience Forum and Pharmaceutical  
& BioScience Society – San Francisco Bay  
Symposium: Advances in Immuno-Oncology  
Crowne Plaza – 11 June 2019 - 8:45-5 pm  
Further info & registration: [www.pbss.org](http://www.pbss.org)