South San Francisco Conference Center
Thursday 28 May 2015
8:00am - 7:30pm
http://personalizedmedicine.sfsu.edu

A San Francisco State University Biology Conference
Personalized medicine seeks to use genetic variation to develop new diagnostic tests and treatments and to identify the sub-groups of patients for whom they will work best. This approach can also help determine which groups of patients are more prone to developing some diseases and, ideally, help with the selection of lifestyle changes and/or treatments that can delay onset of disease or reduce its impact. Personalized medicine is predictive, preventive and precision medicine. Genomic data can accelerate the discovery and approval of new drugs, and ultimately control the cost and enhance the effectiveness of treatment. In our eighth annual conference, we investigate the exciting and controversial area of genetic screening and its implications for the early diagnosis of rare disease, and for prediction of disorders that may not manifest themselves for decades after diagnosis. The prospect of a broad genetic profile, perhaps including the entire DNA sequence of a newborn child, could provide every individual with an action plan for wellness, staving off the diseases of age and maximizing human healthspan. But is it possible to know too much? Or to live too long? Stay abreast of this crucial field in science, business, regulatory affairs, bioethics and medicine.
Conference Program At-A-Glance

8.00 Breakfast & Networking
8:50 Opening Remarks:
Sheldon Axler, Ph.D., Dean, College of Science & Engineering, SF State
9:00 Opening Keynote - Cancer: Predicting, Preventing & Curing
Rajesh Chopra, M.D., Ph.D., Corporate Vice President, Translational & Early Drug Development, Celgene
9:45 ALK fusion and Xalkori
Stephan Morris, M.D., Scientific Founder & Chief Scientific Officer, Insight Genetics, Inc.
Nancy Pryer, Ph.D., Executive Director, Translational Research, BioMarin Pharmaceutical Inc.
Stephan Morris, M.D., Scientific Founder & Chief Scientific Officer, Insight Genetics, Inc.
Rajesh Chopra, M.D., Ph.D., Corporate Vice President, Translational & Early Drug Development, Celgene
10:50 Networking Break
11:10 Consumer Genetics in the Age of Predictive Medicine
Jeffrey D. Pollard, M.D., Director, Medical Affairs, 23andMe
11:55 Regulatory & Legal Issues in Genetic Testing
Sheila D. Walcoff, J.D., CEO & Founder, Goldbug Strategies, LLC
12:45 Lunch & Networking
2:00 The Impact of Genomics in Reproductive Medicine
Tristan B. Orpin, Senior Vice President & General Manager, Reproductive and Genetic Health, Illumina, Inc.
2:50 Emerging Initiatives in Newborn Screening
Nicole Miller, Ph.D., Director, Global Scientific Affairs, BioMarin Pharmaceutical Inc.
3:30 Networking Break
4:10 Genetic Screening in Neurodegenerative and Psychiatric Diseases
Karoly Nikolich, Ph.D., CEO, Alkahest, Inc.
4:50 Closing Keynote - Targeting Aging: The Ultimate Preventative Medicine
Matt R. Kaeberlein, Ph.D., Associate Professor of Pathology, University of Washington, and President-elect, American Aging Association
5:30 Closing Remarks
Kevin Mullin, California Assembly member & Chair, Select Committee on Biotechnology
Michael A. Goldman, Ph.D., Chair, Department of Biology at SF State
5:40 Reception – Posters – Raffle
7:30 Close
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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

For registration information, special accommodation or to sponsor, contact dnamed@sfsu.edu

Watch for Personalized Medicine 9.0 in 2016!

http://personalizedmedicine.sfsu.edu
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The Department of Biology at SF State University

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