

GENETICS, BIOINFORMATICS, AND SYSTEMS BIOLOGY COLLOQUIUM



THURSDAY MARCH 24TH
12:00 PM PST
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DAVID GOLDSTEIN, PHD
CEO ACTIO BIOSCIENCES, INC

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CHALLENGES IN DEVELOPING PRECISION THERAPEUTICS IN RARE AND COMMON DISEASES

Precision medicine represents an effort to identify the mechanistic causes of disease in individual patients and target treatments to those causes. Dramatic advances in resolving the genetic causes of disease have created new opportunities for precision medicine, though profound challenges remain to be resolved. Key amongst those challenges are the diversity of underlying causes of disease and limitations of available pre-clinical models. Here I outline approaches for developing precision medicines for rare genetic diseases and opportunities to generalize those treatments to subsets of more common diseases.

Organization Committee: J. Gleeson, J. Sebat
GBSBC Seminar Coordinator: R. White

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