

Session 34: Lessons Learned

Precision Medicine and Embracing Variability

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1. Precision medicine is about more rapidly determining the molecular cause for disease that will allow a finer-grained classification of diseases and alternate treatment paths for these new disease subtypes.
2. Over the last 20 years, bioinformatics has been creating tools and frameworks to understand molecular underpinnings of disease. This data will be leveraged in clinical decision making.
3. Precision medicine is more than just “genomic medicine.” Genetics will play a big role, but many new types of inputs will be involved including more imaging, device data, and proteomics.
4. Precision medicine will require new ways for researchers to partner with care delivery professionals to speed the time of discovery to implementation as clinical practice.
5. The road to precision medicine is fraught with challenges, including regulatory, organizational, and funding, but we should be encouraged by early examples of success.

Choose at least one thing that you’ve learned today that you will share or do differently as a result of listening to this presentation. Write this down below and the date to accomplish it.

Goal(s) or Learning(s)

Date