

- **Precision Medicine**
 - Branch of medicine in which factors like patient's genome, lifestyle, environment are used to tailor treatment plans
 - Makes healthcare more individualized and data-driven
- **Genomic Medicine**
 - Focuses on using genetic information about an individual in treatment for diagnostic or therapeutic purposes
- **ML in Oncology**
 - Various biological tests have allowed for descriptions of many biomolecules
 - ML has allowed for classification of scans w/ tumors and discoveries of new biological pathways
- **ML in Drug Discovery of Cancers**
 - Using biomarker data to predict effectiveness of certain drugs
- **ML in Cardiology**
 - ML has been used to detect heart problems on radiographs
 - GANs can also be used to generate visuals that complement X-ray, highlighting where abnormalities are
 - ML can also find abnormal results in ECG
- **ML in Genomics**
 - Can improve accuracy of gene sequencing