

What is Oncogenomics?

So oncogenomics is the process of identifying as many as possible of the molecular features that causes a specific cancer in an individual. We use a variety of different tools. We use basic pathology. We use tumor DNA sequencing; that looks at the DNA changes in the cancer cell compared to a normal cell. We also look at the expression of different genes. So in other words is a particular gene highly over-expressed or not? That's a process called RNA sequencing. Basically our goal with oncogenomics is to find the right drug for the right patient at the right time.