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Anna Marie Pyle, PhD
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*RIG-I, Our Anti-Viral Surveillance Machine*

**Needs:** There is a need to understand why and how RNA viruses are detected in human cells and impact our immune system.

**Objectives:** To understand how RNA viruses are detected in human cells; to learn the common features of mechanical proteins in cells; and to understand how viral recognition is linked to the innate immune system.

Herta H. Chao, MD, PhD
Associate Professor of Medicine (Medical Oncology)

*Effects of Androgen Deprivation on Brain Function in Prostate Cancer Patients*

**Needs:** The majority of prostate cancer patients will undergo androgen deprivation therapy (ADT). ADT can affect cognitive function in prostate cancer patients but has not been consistently characterized in the literature.

**Objectives:** To understand limitations of traditional neuropsychological testing to detect cognitive changes resulting from ADT; to learn how ADT can result in changes in brain activations; and to learn how functional brain MRI can be used as a tool to identify patients at risk.

There is No Corporate Support for These Activities.

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This course will fulfill the licensure requirement set forth by the State of Connecticut.