December 13, 2011

Anthony van den Pol, PhD
Professor of Neurosurgery

Oncolytic Virus Targeting of Glioblastoma and Melanoma

Needs: There is a need to review and understand the mechanisms underlying deficiency in innate immunity in many cancer cells, and the potential opportunity it creates for targeting cancer cells.

Objectives: To learn about cancer induced changes in interferon responses to virus infection’ to understand rapid targeting of systemic oncolytic viruses to melanoma and glioblastoma; and to understand how the partial resistance of some cancer to virus infection can be attenuated with drugs that interfere with cellular immunity.

Yawei Zhang, PhD
Associate Professor of Public Health

Epidemiology of Thyroid Cancer

Needs: Thyroid cancer is the most common endocrine malignancy and the fifth most common cancer among women. A few established risk factors include radiation exposure, family history, benign thyroid diseases, and excess iodine consumption can only explain a small portion of the thyroid cancer cases.

Objectives: To review time trends of cancer in the U.S. and in other parts of the world; to understand the current etiology of thyroid cancer; and to review a major hypotheses underlying the observed increasing time trends.

There is No Corporate Support for These Activities.
Accreditation: The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.
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