

March 15: Naitee Ting, University of Connecticut

Title: Case Study – clinical development of an anti-inflammatory drug

Abstract: Pain management has long been a medical challenge. Chronic pain tends to be the pain that lasts more than three months. Depending on the source of pain, it can be classified as neuropathic pain, inflammatory pain, cancer pain, and others. This presentation is a case study of developing a new drug for the management of inflammatory pain. The drug was discovered in the 1980s. It was developed for three indications – acute pain (use of a dental pain model), osteoarthritis (OA), and rheumatoid arthritis (RA). This drug has clear efficacy in all three indications. Unfortunately, after over 10 years of clinical development, a late developed adverse event was considered potentially toxic to patients. This drug was not marketed because its benefit does not outweigh the associated risks.