



Probus Club - of Central Edmonton October 2018

editor: Brian Johnson

Speaker: October 16, – Dr. John Wilson, U of A Medical Isotope and Cyclotron Facility

Dr. John Wilson, head of the U. of A. Medical Isotope and Cyclotron Facility (MICF) provided us with an “overview” of the MICF. His enthusiasm and knowledge made a somewhat technical subject fascinating to hear. He started with the history of nuclear medicine in Alberta, from its inception at the Cross-Cancer Institute to MICF. We heard about neutrons, protons, isotopes, etc. and how these are used to produce critically important substances. John explained how all these rather complex substances and processes come together to provide a vital tool for medicine in the battle against cancer - how the products made by the cyclotron are used to identify tumors and how other products will be used to attack cancer cells.

Tour: October 23 – U of A Medical Isotope and Cyclotron Facility



Entering the dragon's lair



Our enthusiastic host, Dr. John Wilson



The Cyclotron



One of its output ports



Radioactive isotopes manipulators