

**Title:** Immune Responses to Vaccinia Virus Vaccine

**Principal Investigator:** Mary Co, M.D.

**Sponsor:** University of Massachusetts Medical School, Department of Medicine.

**Purpose of Research**

The purpose of this research is to study how certain white blood cells called T-lymphocytes respond to viral infections. Patients are asked to donate blood prior to the vaccinia immunization and on subsequent days after the immunization. A total of no more than 420 mL of blood will be collected over a 10-week period.

Subjects are invited to take part because they are either:

- scheduled to receive a vaccinia immunization as part of their laboratory requirements, or
- are currently healthy and have expressed an interest in serving as a control for the above study