

Markovitz Laboratory		
Room(s): #5240	Building/School: MSRB III, Medical School	
# of Lab Personnel: 12	PI: Dr. David Markovitz	Lab ID#: 617
Our laboratory studies the interaction of retroviruses such as HIV with human cellular factors. The goal of this work is to understand the mechanisms that regulate retroviral replication, and also to use these viruses as models for elucidating human cellular processes. Our work is thus relevant to understanding cancer and immunity, as well as viral pathogenesis. We purify proteins and nucleic acids. We run electrophoresis gels, polyacrylamide for proteins and agarose for nucleic acids. We perform western blots, PCRs, tissue culture assays and some animal experiments. We also work with bacteria, mostly E. coli for cloning. Waste streams generated are manifested and disposed of in accordance with U-M OSEH guidelines.		
Sustainable Lab Rating: GOLD		Date Received: 6-15-2015



Standing L to R (Row 1): Dr. Scott Gitlin, Dr. Steven King, **Dr. David Markovitz (PI)**, Evelyn Covés-Datson, Dr. Barbara Adams, Patrick Cervantes, Dr. Rafael Contreras-Galindo
 Standing L to R (Row 2): Monica Marty Ramirez, Susana Chan, Anjan Saha, Maureen Legendre, Dr. Nirit Mor-Vaknin, Claire Wang

"The Markovitz Lab is proud to be part of the OCS program. Dr. Reddy introduced us to programs such as ice pack and Styrofoam recycling, the ChEM Reuse program, the pen/pencil recycling and the Planet Blue Ambassador Program. We were already participating in some of the programs such as battery collection, pipette tip box recycling, paper waste and printer toner cartridge recycling. We are very pleased to be a part of the Green Lab Movement and recommend this program to others."
 Maureen Legendre, Lab Manager