

Dr. A. Lorena Passarelli

Kansas State University
Molecular, Cellular and Developmental Biology
Manhattan Kansas

An Informal Seminar

Breaching the gate: baculovirus dissemination and other short stories

Thursday, February 24

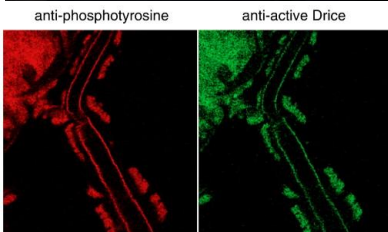
9:30

SCIE 1511



Dr Passarelli studies the molecular biology of insect baculoviruses: gene regulation and viral pathogenesis and dissemination.

Working on baculovirus replication and transmission, her recent focus was on a viral fibroblast growth factor (vfgf). She was the first to demonstrate that vfgf stimulates cell motility and enhances baculovirus infection of insects. She also demonstrated that Ac92 of the baculovirus AcMNPV is needed for budded virus production.



In a recent review she summarizes nicely the barriers baculoviruses face in infecting the insect, and strategies they use to breach those barriers, including the role of caspases. (Virology doi: 10.1016/j.virol2011.01.009)

Dr. Passarelli is the external examiner for the PhD defence of Jondavid de Jong (Wed Feb 23, 2:30 pm) and she will be on campus Feb 23 & 24 AM.

Anyone wishing to meet with Dr Passarelli on Wednesday in advance of the defence can contact Reg Lo (as Chair of the Defence Examination).