



University of
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Medical School

Department of Pathology
University of Massachusetts Medical School
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Kenneth L. Rock, M.D.
Professor and Chairman

POSTDOCTORAL POSITIONS AVAILABLE

My laboratory is investigating various aspects of how the immune system carries out surveillance to detect viral infections, cancers and cell death. Among the areas of research are: (1) The alarm signals and the receptors that alert the immune system to potential danger; (2) The mechanisms by which sentinel cells (dendritic cells) acquire and display antigens to CD8 T cells (cross presentation), a process that is essential for immune surveillance of tissues; and, (3) The antigen presentation pathway by which virally infected or cancer cells display their antigens to effector CD8 T cells (MHC class I antigen presentation), a process that is essential for the immune system to detect and eliminate these pathological cells. The laboratory is in a new state of the art research building and part of a very strong and interactive immunology community at UMass Medical School. UMass Medical School is located in Worcester Massachusetts, just outside of Boston.

Interested applicants should send letter of interest and CV to:

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