



Northeast Biodefense Center Monoclonal Antibody Core

The Monoclonal Antibody Facility is located at Albert Einstein College of Medicine, Bronx, New York. The goal of this facility is to make mouse or sometimes rat monoclonal antibodies against infectious agents and their products. Since this is done under non-biohazard conditions, we are not set up to use hazardous agents or toxins unless they are inactivated or killed. The facility will immunize animals, estimate the likelihood of success from serum titers, carry out fusions and identify and clone antibody-producing hybridomas. Where appropriate it can also attempt to switch the isotype of the antibody in culture and produce moderately large amounts of antibody in vitro.

- We propose to charge each PI \$1,500 for a fusion which gives viable hybridomas which are cloned and frozen. If we are unsuccessful in producing satisfactory titers in the mice, then there will only be a charge of \$180 for the animal per diems.
- Cost structure is subject to change if costs of supplies change.

NBC members interested in learning more about our facility may contact:

Ms. Susan Buhl
Director of Monoclonal Antibody Facility
Albert Einstein College of Medicine
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718-430-2170

You will then be contacted by Dr. Scharff or Ms. Buhl to either have a more extensive phone discussion about the proposed project. If the decision is to go ahead, a meeting will be set up to determine the details of how to proceed.