

Gammacell Irradiators

Location: Brody Medical Sciences Building

Contact: Marcus Jeannette, Radiation Safety Officer
Office of Prospective Health
Warren Life Sciences Building

Tel# 252-744-2070

Email: jeannettem@ecu.edu

Purpose: To provide high and low dose isotope based self-contained irradiators for a variety of research applications including, biotechnology and pharmaceutical research, virology, sterile insect technique and small animal irradiation.

Capabilities: Irradiation

Immunology and cancer research
General stem cell research

Parameters:

Gammacell 40: 60 Rad/min (average central chamber dose rate)

Gammacell 1000 Blood irradiator: 400 Rad/min