

**GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2009**

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HOUSE BILL 1577

Short Title: Wake Forest Funds/Regenerative Medicine. (Public)

Sponsors: Representatives Womble, Parmon, Jones (Primary Sponsors); and Brown.

Referred to: Health, if favorable, Appropriations.

May 5, 2009

A BILL TO BE ENTITLED

AN ACT TO APPROPRIATE FUNDS TO WAKE FOREST UNIVERSITY HEALTH SCIENCES TO SUPPORT THE SOLDIER INSTITUTE FOR REGENERATIVE MEDICINE.

Whereas, the Soldier Institute for Regenerative Medicine is a Department of Defense program located at the Piedmont Triad Research Park in Forsyth County; and

Whereas, Department of Defense funding for the Soldier Institute for Regenerative Medicine is eight million five hundred thousand dollars (\$8,500,000) per year through the year 2013; and

Whereas, the Soldier Institute for Regenerative Medicine is advancing clinical applications in regenerative medicine to allow timely transfer of research breakthroughs directly to the military and civilian population; Now, therefore, The General Assembly of North Carolina enacts:

SECTION 1. There is appropriated from the General Fund to Wake Forest University Health Sciences, a nonprofit organization, for the Soldier Institute for Regenerative Medicine the sum of six million dollars (\$6,000,000) for the 2009-2010 fiscal year. These funds shall be used to provide support for the Soldier Institute for Regenerative Medicine located at the Piedmont Triad Research Park in Forsyth County to develop a detection system to (i) identify pathogens afflicting military personnel in combat zones within a three-hour time frame, and (ii) to develop protocols and necessary data to create a universal donor cell resource system to obtain and utilize stem cells from amniotic fluid and placental tissue to treat military and civilian casualties.

SECTION 2. Therapies developed by the Soldier Institute for Regenerative Medicine will benefit wounded soldiers and injured or ill civilians who suffer from burns or severe trauma due to injury or illness. The Soldier Institute for Regenerative Medicine is committed to developing clinical therapies focusing on the following five areas:

- (1) Burn repair.
- (2) Wound healing without scarring.
- (3) Craniofacial reconstruction.
- (4) Limb reconstruction, regeneration, or transplantation.
- (5) Compartment syndrome, a condition related to inflammation after surgery or injury that can lead to increased pressure, impaired blood flow, nerve damage, and muscle death.

SECTION 3. This act becomes effective July 1, 2009.

