

**GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2009**

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HOUSE DRH50612-LH-199 (3/25)

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

Sponsors: Representatives Womble and Parmon (Primary Sponsors).

Referred to:

1 A BILL TO BE ENTITLED
2 AN ACT TO APPROPRIATE FUNDS TO WAKE FOREST UNIVERSITY HEALTH
3 SCIENCES TO SUPPORT THE SOLDIER INSTITUTE FOR REGENERATIVE
4 MEDICINE.

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

7 Whereas, Department of Defense funding for the Soldier Institute for Regenerative
8 Medicine is eight million five hundred thousand dollars (\$8,500,000) per year through the year
9 2013; and

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

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

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

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

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

