

# VOLUME 34, ISSUE NO. 1 JOH CONTINUING EDUCATION

**ISSUE DATE:** March 2011

**ARTICLE:** LECTIN and Antibody-BASED histochemiCAL TECHNIQUEs for Cardiovascular Tissue Engineering

**AUTHORS:** Agneta Simionescu, PhD; Mary E. Tedder, BS; Ting-Hsien Chuang, MS; Dan T. Simionescu, PhD, Clemson University, Department of Bioengineering, Clemson SC, USA

=====  
**DIRECTIONS:**

1. Answer the following questions by circling the one (1) BEST answer for each question.
2. Complete the information required at the bottom of the page.
3. Submit completed form by fax to the NSH Office at **443-535-4055**, or by mail to:  
NSH, 10320 Little Patuxent Parkway, Suite #804, Columbia, MD 21044

To earn Continuing Education credit from NSH, completed form must be submitted by **September 1, 2011.**

=====

**1. Cardiovascular disease is the leading cause of mortality in the US?**  
True                      False

**2. For the collagen scaffolds, what type of tissue was used?**  
A. Human pericardium  
B. Bovine vascular  
C. Rat vascular  
D. Porcine pericardium

**3. In the elastin scaffolds bovine carotid arteries were used.**  
True                      False

**4. For biocompatibility testing, scaffold samples were implanted in female juvenile rats.**  
True                      False

**5. For the lectin histochemistry, the primary antibody was incubated for how long?**  
A. 15 min.  
B. 2 hours  
C. 1 hour  
D. 30 min.

**6. Histochemical and immunohistochemical techniques are the cornerstone of modern regenerative medicine.**  
True                      False

=====  
**PLEASE PRINT NEATLY**

NAME: \_\_\_\_\_

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

COUNTRY: \_\_\_\_\_ EMAIL: \_\_\_\_\_



☆☆☆ *This is an NSH Member Only Benefit* ☆☆☆