

# **Laboratory Manual**

## **for**

# **Biology 1406**

## **Cellular and Molecular Biology**

**Twelfth Edition**

**Contributing writers:**

**Salvatore Tavormina, Patricia Phelps, David Froehlich,  
Jacquelyn Jarzem, and Linnea Fletcher**

**July 2006**



**ISBN: BIOL140612**

## **Publication History:**

### **First & Second editions 1998**

#### **Salvatore Tavormina, editor**

Exercises 1, 2, 3, 4, and 7 developed and written by Salvatore Tavormina

Exercises 5 and 6 developed and written by Jacquelyn Jarzem

Exercises 8-1, 8-2, 8-3, and 8-4 developed and written by Linnea Fletcher and Salvatore Tavormina

### **Third & Fourth editions 1999**

#### **Jacquelyn Jarzem, editor**

Exercises 9-1 and 9-2 developed and written by Jacquelyn Jarzem

All exercises revised by Jacquelyn Jarzem

Additional illustrations provided by Learning Resource Services, Instructional Technology and Development

### **Fourth – Seventh editions 2000 - 2001**

#### **David Froehlich, editor**

Exercise 2 developed by Ed Meyertholen and written by David Froehlich

Revisions by David Froehlich

### **Seventh – Tenth editions 2002 - 2004**

#### **Patricia Phelps, editor**

Expansion of explanatory text in exercises by Patricia Phelps

Exercise 10 developed and written by Patricia Phelps

Appendices A, C, E, & F written by Patricia Phelps

Reformatting and revisions by Patricia Phelps

Exercise 3 revised by Patricia Phelps

### **Eleventh & Twelfth editions 2005 - 2006**

#### **Salvatore Tavormina, editor**

Exercises 3 and 4 revised, condensed, and combined into Exercise 3 A & B by Salvatore Tavormina

New Exercise 4 developed and written by Salvatore Tavormina

All remaining exercises revised by Salvatore Tavormina

This manual was previously titled "Laboratory Manual for Biology 1654 Cellular and Molecular Biology." The title has been changed to "Laboratory Manual for Biology 1406 Cellular and Molecular Biology" to reflect the change to the common course numbering system by Austin Community College.

ISBN: BIOL140612

© 2006 Austin Community College, Austin Texas