## The Electrochemical Society

## INTERIACIE

31

Metal Corrosion in the Human Body: The Ultimate Bio-Corrosion Scenario

by Douglas C. Hansen

35

Metallic Medical Implants: Electrochemical Characterization of Corrosion Processes

by Patrik Schmutz, Ngoc-Chang Quach-Vu, and Isabel Gerber

411

Corrosion of Metallic Biomaterials in Cell Culture Environments

by Sachiko Hiromoto

45

Fix, Heal, and Disappear: A New Approach to Using Metals in the Human Body

by Barbara A. Shaw, Elizabeth Sikora, and Sanna Virtanen

VOL. 17, NO. 2 Summer 2008



From the Editor

From the President

Phoenix Meeting Highlights

**1** Society News

**20** People

ECS Classics

Tech Highlights

Introduction to the Featured Articles

Section News

**15** Awards

New Members

57 Student News

**61** 2007 Annual Report

San Francisco, CA
Call for Papers

On the cover...

Cover design by Dinia Agrawala.