



2008

# WORLD STEM CELL SUMMIT

SEPTEMBER 22-23, 2008 MADISON, WISCONSIN USA

**We wish to congratulate all of the participants in the 2008 World Stem Cell Summit Poster Session. The following posters earned special recognition in the indicated categories:**

## Science

### **FGF Signaling in Human Embryonic Stem Cell Self-Renewal**

Ryan J. Wagner, Mark E. Levenstein, and James A. Thomson

*WiCell Research Institute and Morgridge Institute for Research, Madison, WI, USA*

## Technology and Engineering

### **Inhibition of Multidrug-Resistant *Acinetobacter baumannii* by Non-Viral Expression of hCAP-18 in a Bioengineered Human Skin Tissue**

Thomas-Virinig, C.L.<sup>1,2,7</sup>, Centanni, J.M.<sup>2,7</sup>, Johnston, C.E.<sup>2</sup>, He, L.K.<sup>3</sup>, Schlosser, S.J.<sup>1</sup>, Van Winkle, K.F.<sup>2</sup>, Chen, R.<sup>4</sup>, Gibson, A.L.<sup>5,6</sup>, Szilagyi, A.<sup>3</sup>, Li, L.<sup>4</sup>, Shankar, R.<sup>3</sup>, Allen-Hoffmann, B.L.<sup>1</sup>

<sup>1</sup> *Department of Pathology and Laboratory Medicine, University of Wisconsin, Madison, WI, USA*

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<sup>3</sup> *Department of Surgery and Cell Biology, Neurobiology & Anatomy, Loyola University Medical Center, Maywood, IL, USA*

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<sup>6</sup> *Medical Scientist Training Program, University of Wisconsin School of Medicine and Public Health, University of Wisconsin, Madison, WI, USA*

<sup>7</sup> *These authors contributed equally to this work.*

## Safety Pharmacology and Environmental Protection

### **Stem cell-based predictive biomarkers of human developmental toxicity**

April M. Weir, M.S.

*Stemina Biomarker Discovery, Inc., Madison, WI, USA*

## **Therapeutics**

### **Veterinary Stem Cell Therapy**

Marta Bebok

*University of California-Berkeley, Berkeley, CA, USA*

## **Manufacturing**

### **Advancing Human ES Cell Therapeutics Toward Human Clinical Trials**

Eric W. Hatch<sup>1</sup>, Carol A. Emler<sup>1</sup>, Julie A. C. Johnson<sup>1</sup>, Jeff Jones<sup>2</sup> and Derek Hei<sup>1</sup>

<sup>1</sup>*Waisman Clinical Biomanufacturing Facility, University of Wisconsin, Madison, WI, USA*

<sup>2</sup>*WiCell Research Institute, Madison, WI, USA*

## **Ethics, Legal & Social Implications**

### **Governing the Constructs of Life: A comparative analysis in the governance of human embryonic stem cell research**

Molly E. Morgan, Doctoral Candidate

*University of Sussex, Freeman Centre Falmer, Brighton, UK*

## **Communications and Education**

### **Stem cells in the Clinic: A new way to visualize the progress of Regenerative Medicine**

Danielle Harris<sup>1</sup>, Donna Wang<sup>1</sup>, Kara Barber<sup>2</sup>, Laurel Barchas<sup>3</sup>

<sup>1</sup>*University of Michigan, Ann Arbor, MI, USA*

<sup>2</sup>*Drury University, Springfield, MO, USA*

<sup>3</sup>*University of California-Berkeley, Berkeley, CA, USA*

## **Business**

### **Successful Business Models For Cell Based Therapies**

Devyn M. Smith

*The Frankel Group, New York, NY and Cambridge, MA, USA*

## **Special Recognition**

### **Stem Cell Research: A Landscape Created by Many Currents**

Linda Hogle, PhD, Ben Nisler, and Sarah Wynn

*Department of Medical History & Bioethics, University of Wisconsin-Madison, Madison, WI, USA*

**The Future Of Stem Cell Banking: Governance Issues In A Comparative Perspective**

Rosario M. Isasi, JD, MPH

*Centre de recherche en droit public (CRDP), University of Montreal, Montreal, CA*

**Translational Studies of Human Embryonic Stem Cells in a Primate Model of PD**

D. E. Redmond, Jr., M.D.

*Professor and Director of Neural Transplantation and Repair Program, Yale University School of Medicine, New Haven, CT, USA*

**SPECIAL THANKS**

**We want to express our special thanks to the following distinguished members of the stem cell community in Madison for working diligently to evaluate the posters.**

**Erik Forsberg, Ph.D.**

*Executive Director, WiCell Research Institute, Madison, WI, USA*

**Norm Fost, MD, MPH**

*Professor, former Chair, Health Sciences IRB; Director, Program in Bioethics; Chair, UW Hospital Ethics Committee; Department of Pediatrics; Medical History and Bioethics, University of Wisconsin-Madison, Madison, WI, USA*

**Brenda M. Ogle, Ph.D.**

*Assistant Professor, Biomedical Engineering, Affiliate Appointment in the Material Science Program, University of Wisconsin-Madison, Madison, WI, USA*

**Robert Streiffer, Ph.D.**

*Associate Professor of Philosophy and Bioethics; Medical History and Bioethics (SMPH); Philosophy (L & S); Affiliate Appointments in Agricultural and Applied Economics (CALS); Medical Sciences (SVM); The Nelson Institute for Environmental Studies, University of Wisconsin-Madison, Madison, WI, USA*

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