

# Cell & Tissue BioProcessing

Process Development and Production Issues for Cellular Therapy & Tissue Engineering

## 2nd Annual Meeting

September 22-25, 1997

Westin Crown Center Hotel

Kansas City, Missouri

## Program

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### Sunday, September

**21**  
4:00-10:00 pm: **Welcome Reception, Exhibit Set-Up**

### Monday, September 22

7:00-8:00 am: **Continental Breakfast - Foyer**

8:00-8:30 am: **Introduction**  
Keith L. Carson - Conference Chairman

8:30-9:15 am: **Rapid Analysis of Cellular Immune Responses in Whole Blood**  
Jack Dunne, Ph.D. - *Becton Dickinson Immunocytometry Systems*

9:15-10:00 am: **Aspects of Quality Control for Cell & Tissue Based Therapies**  
Alana Arangio - *Genzyme Tissue Repair*

10:00-10:30 am: **Break - Exhibit Area**

10:30-11:15 am: **Isolation and Characterization of Mesenchymal Stem Cells**  
Stewart Craig, Ph.D. - *Osiris Therapeutics*

11:15-12:00 noon: **Purification of Hematopoietic Cells for Cell and Gene Therapy Graph Engineering**  
Christopher Reading, Ph.D. - *Systemix, Inc.*

12:00-1:30 pm: **Lunch - Exhibit Area**

1:30-2:15 pm: **Considerations in the Manufacture of Autologous Lymphocytes for Use in Clinical Trials**  
Barry Caplan, Ph.D. - *Cellcor, Inc.*

2:15-3:00 pm: **Liver Assist Device Production Issues: Minimizing Culture Medium Consumption**  
Andrea L. Spiering, Ph.D. - *Amphioxus Cell Technologies, Inc.*

3:00-3:30 pm: **Break - Exhibit Area**

3:30-4:15 pm: **FDA Regulations for Tissue**  
Merrit Girgis - *LifeCell Corporation*

4:15-5:00 pm: **Large Scale Production of Autologous Tissue Constructs for Transplantation**  
Glenn Spaulding, MD - *Clear Lake Medical Foundation*

6:00-8:00 pm: **The Kansas City Reception - Exhibit Area**

### Tuesday, September 23

- 7:30-8:30 am: **Continental Breakfast - Exhibit Area**
- 8:30-9:15 am: **Process Development for the Generation of Disease Specific T-Cells**  
Rukmini Pennathur-Das, Ph.D. - *Cell Genesys*
- 9:15-10:00 am: **Microbial & Viral Safety of Bovine Adrenal Chromaffin Cells for the Delivery of Analgesic Compounds in a Cell Therapy Product**  
William E. Tente - *CytoTherapeutics, Inc.*
- 10:00-10:30 am: **Break - Exhibit Area**
- 10:30-11:15 am: **Cryogenic Operations in a Commercial Tissue Production Facility**  
Lloyd Wolfinbarger, Ph.D. - *LifeNet Transplant Studies*
- 11:15-12:00 noon: **Autologous Chondrocyte Implantation for Treatment of Articular Cartilage Injuries**  
Leesa M. Barone, Ph.D. - *Genzyme Tissue Repair*
- 6:30-8:00 pm: **Reception - Riverboat Casino Night**

**Wednesday,**  
**September 24**

- 7:30-8:30 am: **Continental Breakfast - Exhibit Area**
- 8:30-10:00 am: Technology Workshops I
- 10:00-10:30 am: **Break - Exhibit Area**
- 10:30 - 12:00 noon: Technology Workshops II
- 12:00-1:30 pm: **Lunch - Exhibit Area**
- 1:30-2:15 pm: **Viral Safety in Xenotransplantation**  
James H. Gilbert, Ph.D. - *Panlabs Biosafety*
- 2:15-3:00 pm: **Mammalian Cloning - The Promise & the Practical Application**  
Steve Parkinson - *Advanced Cell Technologies, Inc.*
- 3:00-3:30 pm: **Break - Exhibit Area (Exhibit Tear Down at 3:30 pm)**
- 3:30-4:15 pm: **Optimized QA/QC Program for a Liver Assist System**  
Zorina Pitkin - *Circe Biomedical*
- 4:15-5:00 pm: **Cancer Cell Therapy: Cell Engineering & Quality Management for MAK & Dendritic Cells**  
Jean-Loup Romet-Le Monne, MD - *Immuno-Designed Molecules*
- 7:00-10:00 pm: **Banquet - The Majestic Jazz Club**

**Thursday,**  
**September 25**

- 7:30-8:30 am: **Continental Breakfast**
- 8:30-9:15 am: **Evolving Standards for Animal Use in Xenotransplantation**  
Glen L. Spaulding, DVM - *Tufts University*
- 9:15-10:00 am: **Development of Closed Systems for Ex Vivo Cell Processing: Utility in Cell & Gene Therapy**  
Alan Hardwick, Ph.D. - *Baxter Healthcare*
- 10:00-10:30 am: **Break**
- 10:30-11:15 am: **Strategies for Processing Differentiated Cells for Transplantation**  
Roger Gay, Ph.D. - *Diacrin, Inc.*
- 11:15-12:00 noon: **Production of Autologous Chondrocytes for Use in Tissue Bulking Hydrogels**  
Kirit Borland, Ph.D. - *Reprogenesis*