



Schedule for BIOMAN 2011
Miracosta College, Oceanside, CA
July 11-14, 2011

Monday, July 11, 2011	Tuesday, July 12, 2011	Wednesday, July 13, 2011	Thursday, July 14, 2011
8:00 - 9:00 am Breakfast & Networking	8:00 - 9:00 am Breakfast & Networking	8:00 - 9:00am Breakfast & Networking	8:00 - 9:00am Breakfast & Networking
9:00 - 10:00 am Keynote “Engineered Tissues for Wound Healing Applications” Lee Landon Ph.D. Advanced Biohealing, San Diego, CA	9:00 - 10:00 am Keynote “Biofuels” Stephen Mayfield, Ph.D. UCSD and California Center for Algae Biotechnology	9:00 am - noon Hands-On Workshop Microalgae to Biodiesel Elmar Schmid, Ph.D. Mira Costa College	9:00 - 10:00am Keynote “Growth and Development of San Diego’s Bioindustry ” Joe Panetta, BIOCOM, San Diego
10:00 - 10:15am BREAK	10:00 am - 1:00 pm Break and Vendor Show – Biomanufacturing Equipment and Supplies Vendors	Hands-On Workshop ELISA Bill Woodruff Ph.D. Alamance C.C.	10:00 - 10:15am BREAK
10:15 am - noon Panel How to Write an NSF ATE Grant and other NSF Opportunities, Sonia Wallman, NBC2 OR Panel Best practices in Hybrid/Blended Learning in Biomanufacturing Mike Fino, Mira Costa College	LUNCH	OR Interactive Workshop Root Cause Analysis and CAPA Jim Hewlett, Finger Lakes Community College	10:15 – noon Panel How to Start a Biotechnology Program Dr. Mary Jane Kurtz, NBC2 OR Hands-On Workshop Bacteria to Biohydrogen Elmar Schmid, Ph.D. Mira Costa College OR Hands-On Workshop Making Biofuels Sherri Andrews, BIO-RAD

<p>Noon - 1 pm LUNCH</p>		<p>Noon - 1 pm LUNCH</p>	<p>Noon - 1 pm LUNCH</p>
<p>1:30 - 4:30 pm Hands-On Workshop Beginner Track - Introduction to Biomanufacturing GFP – Downstream Processing Kevin Lampe, Montgomery County C.C. and Mary Jane Kurtz, NBC2 OR Hands-On Workshop Intermediate Track Taq polymerase Cloning, Expression and Production Tom Burkett, Ph.D. C.C. of Baltimore County OR Hands-On Workshop Advanced Track CHO tPA Upstream Mike Fino, Mira Costa College</p>	<p>1:30 - 4:30 pm Hands-On Workshop Beginner Track Introduction to Biomanufacturing Microbiology Tool Kit John Hasyn, Margaret Bryans, Sheila Byrne, Montgomery County C.C. OR Hands-On Workshop Intermediate Track Taq polymerase Purification Tom Burkett, Ph.D. C.C. of Baltimore County OR Hands-On Workshop Advanced Track CHO tPA Downstream Mike Fino, Mira Costa College</p>	<p>1:00 - 5:00 pm Field Experience Day</p>	<p>1:30 - 4:30 pm Hands-On Workshop Beginner Track Introduction to Biomanufacturing Popcorn GMP Deb Audino, Great Bay C.C. OR Hands-On Workshop Intermediate Track Taq polymerase Activity Assays Tom Burkett, Ph.D. C.C. of Baltimore County OR Hands-On Workshop Advanced Track CHO tPA, QC Biochemistry Mike Fino, Mira Costa College</p>
<p>Dinner on your own</p>	<p>7:00 pm BIOMAN 2011 Dinner Hilton Garden Inn, Carlsbad Bus leaves Hampton Inn at 6:30pm</p>	<p>Dinner on your own</p>	<p>Home</p>