



Agenda at a Glance
10th Annual NBC2 BIOMAN Conference
July 13-16, 2015
Ivy Tech Community College, Bloomington, Indiana

Monday, July 13	Tuesday, July 14	Wednesday, July 15	Thursday, July 16
8:30 - 9:00 AM Breakfast, Networking Training Suite, ICLS	8:30 - 9:00 AM Breakfast, Networking Training Suite, ICLS	8:30 - 9:00 AM Breakfast, Networking Training Suite, ICLS	8:30 - 9:00 AM Breakfast, Networking Training Suite, ICLS
9:00 - 10:00 AM Keynote Training Suite, ICLS "My journey from clinical lab scientist to corporate R&D to entrepreneur: perspectives and lessons learned" <i>Robert C. McCarthy, Ph.D., President, VitaCyte LLC</i>	9:00 - 10:00 AM Keynote Training Suite, ICLS "The Legacy of Cook Medical Bloomington, Indiana" <i>Rick Mellinger, VP of Global Marketing, Cook Medical</i>	9:00 AM – Noon Hands-On Workshop QC Microbiology S108, ICLS <i>Maggie Bryans and Linda Rehfuss, Big Pharma Hub Directors</i> <i>Sheila Byrne and Tim Kull, Big Pharma Hub</i>	9:00 - 10:00 AM Keynote Training Suite, ICLS <i>Biologics Formulation and DP Process Development</i> <i>Frank Li, Ph.D., Director of Process Development, Cook Pharmica, LLC</i>
10:00 - 10:15 AM BREAK	10:00 AM - 1:00 PM Vendor Show of Biomanufacturing Equipment and Supplies Training Suite, ICLS <i>Vendors</i> <i>Artel</i> <i>BioRad</i> <i>Digital World Biology</i> <i>IU Custom Publishing</i> <i>NBC2</i> <i>Simtronics</i>	OR Hands-On Workshop Downstream Processing: TFF Principles S104, ICLS <i>Sengyong Lee, Midwestern Hub Director</i>	10:00 - 10:15 AM BREAK
10:15 AM - Noon Interactive Session Funding Your Project S102, ICLS <i>V. Celeste Carter, NSF</i> <i>Sonia Wallman, NBC2</i> OR Interactive Session Tools to Enhance Your Program: SBIR/STTR Grant Partnerships and Digital World Biology S101, ICLS <i>Sandra Porter, Digital World Biology</i> OR Hands-On Workshop Confidence in Data Integrity through Pipetting Technique Training and Pipette Repair and Maintenance S108, ICLS <i>Candie Gilman, Artel</i>	LUNCH S102, ICLS	OR Hands-on Workshop Detection of Rabbit IgGs using ELISA S107, ICLS <i>Barbara Bielska, Big Pharma Hub</i>	10:15 AM - Noon Interactive Session Strategies for Developing Local Biomanufacturing Career Pathways S102, ICLS <i>Sonia Wallman, NBC2</i> OR Interactive Session Biopharmaceutical Development and Production S101, ICLS <i>Mike Fino, Western Hub Director</i>
Noon – 1:00 PM LUNCH S102, ICLS		Noon – 1:00 PM LUNCH S102, ICLS	OR Interactive Session Quality Systems for Bioscience Manufacturing S109, ICLS <i>Gretchen Ingvason, New England Hub</i>
			Noon – 1:00 PM LUNCH S102, ICLS

<p>1:30 - 4:30 PM Hands-On Workshop Beginner Track Expression & Purification of Thermophilic DNA Polymerases: Educational resources for teaching biomanufacturing S107, ICLS <i>Tom Burkett, NBC2 and Chesapeake Bioworks, LLC</i> <i>Tim Kull, Big Pharma Hub</i></p> <p>OR</p> <p>Hands-On Workshop Intermediate Track Drug Product Manufacturing: Formulation, Fill and Finish Parenteral Drug Formulation S104, ICLS <i>Jeff Schwegman, AB-Biotech</i></p> <p>OR</p> <p>Hands-On Workshop Advanced Track Myoblasts to Osteocytes: Multipotent Stem Cells for Regenerative Medicine S108, ICLS <i>Bill Woodruff, Southern Hub Director</i> <i>Maggie Bryans, Big Pharma Hub Director</i></p> <p>Walk-Up calibration and training sessions, single and multichannel pipetting technique and coaching sessions, provided by Candie Gilman, Artel S102, ICLS</p>	<p>1:30 - 4:30 PM Hands-On Workshop Beginner Track Expression & Purification of Thermophilic DNA Polymerases: Educational resources for teaching biomanufacturing S107, ICLS <i>Tom Burkett, NBC2 and Chesapeake Bioworks, LLC</i> <i>Tim Kull, Big Pharma Hub</i></p> <p>OR</p> <p>Hands-On Workshop Intermediate Track Drug Product Manufacturing: Formulation, Fill and Finish Parenteral Drug Product Filtration and Filling S104, ICLS <i>Mark Kruszynski and Cindy Webster, Cook Pharmica, LLC</i></p> <p>OR</p> <p>Hands-On Workshop Advanced Track Myoblasts to Osteocytes: Multipotent Stem Cells for Regenerative Medicine S108, ICLS <i>Bill Woodruff, Southern Hub Director</i> <i>Maggie Bryans, Big Pharma Hub Director</i></p>	<p>1:00 - 5:00 PM Field Experience Day Cook Pharmica OR Cook Medical OR Eli Lilly</p> <p><i>**Please note: A dress code of closed-toe shoes and pants will be strictly enforced on all tours. Participants must also bring government-issued photo identification, such as a driver's license or passport.</i></p>	<p>1:30 - 4:30 PM Hands-On Workshop Beginner Track Expression & Purification of Thermophilic DNA Polymerases: Educational resources for teaching biomanufacturing S107, ICLS <i>Tom Burkett, NBC2 and Chesapeake Bioworks, LLC</i> <i>Tim Kull, Big Pharma Hub</i></p> <p>OR</p> <p>Hands-On Workshop Intermediate Track Drug Product Manufacturing: Formulation, Fill and Finish Parenteral Drug Product Inspection, Packaging, and Labeling S104, ICLS <i>Jo Anne Jacobs, Jonathan Balash, and Cindy Webster, Cook Pharmica, LLC</i></p> <p>OR</p> <p>Hands-On Workshop Advanced Track Myoblasts to Osteocytes: Multipotent Stem Cells for Regenerative Medicine S108, ICLS <i>Bill Woodruff, Southern Hub Director</i> <i>Maggie Bryans, Big Pharma Hub Director</i></p>
	<p>6:00 PM <i>Event reception and dinner</i></p>		