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2015 The 5th NU Tech Roundtable Biomedical Engineering

November 4, 2015 (Wed)
8:30 a.m. - 1:00 p.m.
at North Carolina Biotechnology Center



Our 5th annual Technology Roundtable conference featuring innovative cutting edge discoveries and research in Biomedical Engineering (BME) from three organizations: Nagoya University and UNC/NCSSU Joint Department of Biomedical Engineering.

Register Here



1. Goal

The goals of the Technology Roundtable Series are (1) to highlight some of the main innovative cutting-edge research technologies with promising commercial potential from Nagoya University (NU) and participating local universities, and (2) to strengthen ties and networks among university and industry researchers, startups in RTP, and business development professionals from major and local biotech and plant/agriculture companies working in the research fields. NU expects these networks fostered via its

Roundtables will lead to future research collaborations and licensing opportunities between academia and industry by which the technology seeds can be further developed to commercialization by both parties.

2. Date and Time

Date: November 4, 2015 (Wed)

Time: 8:30 a.m. - 1:30 p.m. (Registration begins at 8:00 a.m.)

3. Venue

[North Carolina Biotechnology Center](#)

15 T. W. Alexander Drive, Research Triangle Park, NC 27709 ([Get directions on Google Map](#))

4. Keynote Speaker

[Dr. Richard E. Kouri](#)

5. Agenda

8:00 a.m. Registration, Breakfast, Networking

8:30 a.m. Opening Remark:

[Dr. Nancy Allbritton](#)

*Professor and Chair
UNC/NCSU Joint Department of Biomedical Engineering*

8:40 a.m. Keynote Speech:

[Healthcare Delivery in the US -- a status report](#)

[Dr. Richard E. Kouri](#)

*Chief Evangelist
Center for Innovation Management Studies*

*Adjunct Professor
Poole College of Management
College of Agriculture and Life Sciences, and
College of Engineering
North Carolina State University*

9:20 a.m. Technology Presentation #1:

[**Cryoprotective Activity in Human Genome-derived Intrinsically Disordered Proteins and Their Pharmaceutical Applications**](#)

[**Dr. Hidekazu Hiroaki**](#)

*Professor
Structural Molecular Pharmacology
Department of Basic Medicinal Sciences
Graduate School of Pharmaceutical Sciences
Nagoya University*

9:50 a.m. Technology Presentation #2:

[**ARFI, VisR and ASSH Ultrasound for Noninvasive Assessment of Tissue Mechanical Property in Atherosclerosis, Musculoskeletal, and Hemorrhage Diagnostics**](#)

[**Dr. Caterina Gallippi**](#)

*Associate Professor
UNC/NCSSU Joint Department of Biomedical Engineering*

10:20 a.m. Intermission, Networking

10:50 a.m. Technology Presentation #3:

[**Label-free morphological informatics for regenerative medicine and cell- based assays**](#)

[**Dr. Ryuji Kato**](#)

*Associate Professor
Cell and Molecular Bioengineering
Department of Basic Medicinal Sciences
Graduate School of Pharmaceutical Sciences
Nagoya University*

11:20 a.m. Technology Presentation #4:

[Translational Regenerative Medicine: Stem Cells, Nanoparticles, and Animals](#)

[Dr. Ke Cheng](#)

*Associate Professor
UNC/NCSU Joint Department of Biomedical Engineering*

*Associate Professor
Department of Molecular Biomedical Sciences
College of Veterinary Medicine
North Carolina State University*

11:50 p.m. Closing Remark:

[Dr. Hidekazu Hiroaki](#)

*Deputy Director
Academic Research and Industry-Academic-Government Collaboration
Nagoya University*

12:00 p.m. Lunch Networking

1:00 p.m. Adjourn

7. About Technology Roundtable Series

The **Technology Roundtable** series is one of the technology marketing efforts by Nagoya University (NU) and Technology Partnership of Nagoya University, Inc. (NU Tech), NU's technology transfer office in the U.S., in cooperation with local universities in RTP. The first Roundtable was held on October 2010 in cooperation with North Carolina State University (NCSU), whose main topic was focused on Plant/Agriculture technology; the second was on October 2011 with University of North Carolina at Chapel Hill (UNC-CH) and Wake Forest University Institute of Regenerative Medicine (WFIRM), focusing on Regenerative Medicine; the 3rd Roundtable was on October 2012 in cooperation with NCSU, UNC-CH and WFIRM, focusing on Diagnostics and Molecular Therapeutics; and the 4th Roundtable was held on October 2013, focusing on Crop Science and Biotechnology in corporation with Duke University, NCSU and UNC-CH and brought 150 participants.

NU Tech's Roundtable aims to bridge the gap and strengthen networks and relations among university researchers, entrepreneurs and startups in RTP, and business representatives from major and local healthcare and Life science companies, by showcasing cutting edge technologies from Nagoya University and local universities in North Carolina.

6. Registration



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