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ASME Announces ALine, Inc., Best Paper Awards at The Second Global Congress on NanoEngineering for Medicine and Biology

Breakthrough research — from tissue-engineered human gut to bio-inspired robots — garnered Best Paper Awards at the ASME Second Global Congress on NanoEngineering for Medicine and Biology (NEMB 2013). These award-winning papers were selected from among all eligible conference submissions by a committee of the conference organizers and a representative from the award sponsor, ALine, Inc.

The Congress, held February 4 through 6 in Boston, focused on collaboration in the use of nanoscale engineering, medicine, and the life sciences to improve health care. The attendees represented a wide range of experts and peers from around the world, with 100 of the attendees hailing from countries spread from Singapore to Denmark. Programming included sessions in eight technical tracks and keynote and plenary sessions led by leading scientists, engineers, and clinicians in nanotechnology disciplines.

The following were presented with the 2013 ALine, Inc., Best Paper Awards:
Graduate student podium competition:

- Megan Creighton, Brown, for the paper: Megan Creighton, J. Rene Rangel Mendez, Agnes B. Kane, and Robert Hurt, "Graphene Induced Adsorptive and Optical Artifacts during In Vitro Toxicology Assays," Paper Number NEMB2013-93243, Proceedings of the 2013 ASME Second Global Congress on NanoEngineering for Medicine and Biology.

Graduate student poster competition:

- Mahama Traore, Virginia Tech., for the paper: Mahama Traore and Bahareh Behkam, "A microfluidic tumor model for Quantification of the Extravascular Transport of Live Autonomous Drug Particles (Bacteriabots)," Paper Number NEMB2013-93434, Proceedings of the 2013 ASME Second Global Congress on NanoEngineering for Medicine and Biology.
- Sebastien Uzel, MIT, for the paper: Sebastien Uzel, Ovid C. Amadi, Richard T. Lee, Peter T.C. So, and Roger Kamm, "Orthogonal-gradient-generating microfluidic platform to study and direct neuronal differentiation, axon guidance or cell migration.," Paper Number NEMB2013-93344, Proceedings of the 2013 ASME Second Global Congress on NanoEngineering for Medicine and Biology.

Post-doctoral podium competition:

- Ramona Gerwig, NMI, for the paper: Ramona Gerwig, "Advanced recording, stimulation and sensing using MEA with PEDOT-CNT micro-electrodes," Paper Number NEMB2013-93459, Proceedings of the 2013 ASME Second Global Congress on NanoEngineering for Medicine and Biology.

Post-doctoral poster competition:

- Hyun Jung Kim, Harvard, for the paper: Hyun Jung Kim, Geraldine Hamilton, and Donald E. Ingber, "Intestinal Microenvironment Engineered in Human Gut-on-a-Chip," Paper Number NEMB2013-93364, Proceedings of the 2013 ASME Second Global Congress on NanoEngineering for Medicine and Biology.



ASME NEMB Technical Program Chair, Dr. Guy Genin, presents Ramona Gerwig, a post-doctoral associate at the Natural and Medical Sciences Institute, with a Best Paper Award. Dr. Genin, a member of the ASME Bioengineering Division, is a professor at Washington University in St. Louis.