The 8th Annual Johns Hopkins
Research Symposium on Engineering in Healthcare

FROM THE RESEARCH LAB TO THE MARKET: THE SCIENCE OF TRANSLATION IN HEALTHCARE

PROGRAM

8:00 a.m. — **Registration and Breakfast**

8:30 a.m. — **Opening Remarks**

Alexis Battle, Director of the Johns Hopkins Malone Center for Engineering in Healthcare

Srinivasan Yegnasubramanian, Director of in Health Precision Medicine at Johns Hopkins Medicine

8:50 a.m. — **Keynote—Translational Science: More Treatments for All People More Quickly**

Annica M. Wayman, PhD, Deputy Director of the National Center for Advancing Translational Sciences, National Institutes of Health, U.S. Department of Health and Human Services

Introduction by **Israel Gannot**, Adjunct Professor of Biomedical Engineering, Johns Hopkins Whiting School of Engineering

9:40 a.m. — **The Culture of Innovation at Johns Hopkins**

Christy Wyskiel, Executive Director of Johns Hopkins Technology Ventures

"Commercialization Resources for Johns Hopkins Innovators"

Introduction by **Israel Gannot**

10:10 a.m. — **Break**

10:30 a.m. — **National Health Initiatives and Strategies to Improve the Impact of Translational Research**

Matt McMahon, Director of the NIH Small Business and Entrepreneurial Development Office

"NIH Support for Healthcare Product Innovation"

Todd D. Merchak, Director of the Office of Program Evaluation and Strategic Partnerships, National Institute of Biomedical Imaging and Bioengineering

"NIBIB Translational and Technology Acceleration Programs"

Introductions by **Israel Gannot**

Noon — **Lunch**

1:30 p.m. — **Keynote—Advancing Pediatric Innovation to Shape the Future of Care for Children**

Kolaleh Eskandanian, PhD, Vice President and Chief Innovation Officer at Children's National Hospital

Introduction by **Axel Krieger**, Engr '08 (PhD), Associate Professor of Mechanical Engineering, Whiting School of Engineering

2:20 p.m. — **Commercialization of Scientific Innovations Through Entrepreneurship**

Gil Blankenship, Founder and Chairman of MDC Studio

"MDC Studio: An Engineering-Based Startup Studio"

Nicholas Durr, Associate Professor of Biomedical Engineering, Electrical and Computer Engineering, and Ophthalmology, Whiting School of Engineering and Johns Hopkins School of Medicine

"Translational Medtech Impact with Biodesign"

Chad Schneider, Engr '04 (MSE), Chief Executive Officer and Founder of Root3 Labs

"Design for Manufacturing Engineering Considerations"

Introductions by **Axel Krieger**

3:30 p.m. — **Break**

3:40 p.m. — **Navigating Challenges in Translation Across Healthcare Sectors**

Abishek Kulshreshtha, Executive Director of the TEDCO Maryland Innovation Initiative

Sezin Palmer, Global Health Data and AI Leader at EY

Daniel S. Reich, Senior Investigator, Translational Neuroradiology Section, National Institute of Neurological Disorders and Stroke

Matt Tremblay, Chief Executive Officer of Blackbird Laboratories

Seth Zonies, Executive Business Partner for AI Initiatives, Whiting School of Engineering

Facilitated by **Amir Hossein Gandjbakhche**, Senior Investigator, Section on Translational Biophotonics, Division of Intramural Research, National Institute of Child Health and Human Development

4:25 p.m. — **Closing Remarks by Alexis Battle**

4:30 p.m. — **Reception**