



## MINUTES

**MEETING DATE:** October 23, 2017

**TIME:** 9:30AM – 12:00PM

**LOCATION:** University of Maryland BioPark  
801 W Baltimore Street  
Baltimore, MD 21201

### Welcome

Attendees were welcomed by Jay Perman, Chairman of Maryland Life Sciences Advisory Board (LSAB) and the President of the University of Maryland, Baltimore (UMB). Prior to this meeting, Dan Abdun-Nabi led the LSAB meetings as Chairman. Dr. Perman thanked his predecessor for his leadership and dedication of his time and talents to lead the LSAB.

### Call to Order

Chair Perman introduced himself and asked everyone to do as well. Following Secretary Gill's comments on behalf of the Governor, all LSAB members introduced themselves. Jim Hughes spoke about efforts and initiatives of the UMB BioPark and its dedication to research, commercialization and entrepreneurship. Dr. Perman convened the meeting and stated the purpose was to discuss the new initiatives that are underway, the vision of EXCEL Maryland, and to agree on the recommendations for Accelerating the Growth of the BioHealth Industry in Maryland. The Chairman reconfirmed the LSAB's desire to develop not only recommendations, but also strategies for implementation. He included the phases that have been completed and the current timeline structure. Dr. Perman graciously thanked everyone for their feedback and input.

Dr. Perman spoke about the vision for LSAB in 2017-2018. He discussed the need to align LSAB efforts to those of the EXCEL Maryland initiative and the need to create operational and effective synergies. Secretary Gill communicated a message from Governor Hogan with the members on how best to utilize resources that currently exist, while seeking to sustain national preeminence and leadership in the life science arena. Dr. Perman asked for a review and acceptance of the April 10 meeting minutes. Ted Olsen moved to accept. After a second by Wendy Perrow, the minutes were approved.

Bret Schreiber presented the findings of the EXCEL Maryland initiative. Phase I which is now complete, described the five critical areas for improving Maryland's innovation environment. Phase II, currently ongoing, will continue to create a roadmap for focusing the state's efforts to

establish preeminence in the cyber and life sciences arenas. Among other initiatives, is the concept of the development of an Innovation Hub to be tasked with the implementation of coordination of the EXCEL initiatives.

In the discussion that followed, George Davis, Christy Wyskiel, Mike Gill and Ben Wu, all members of the EXCEL Steering Committee, added additional insight and answered questions specifically regarding the EXCEL initiative and its relationship to the LSAB recommendations.

After a break, Dr. Perman asked Bret Schreiber to present progress toward implementing the LSAB recommendations since the April 2017 LSAB meeting. Mr. Schreiber covered the progress to date in the following recommendations: Leverage and grow the current ASSET base, Increase CONNECTIVITY among and awareness of Maryland's BioHealth assets and resources, Increase availability and access to CAPITAL for advanced stage BioHealth companies and Grow TALENT pool of experienced BioHealth entrepreneurs, business leaders, graduates and scientists with commercially relevant experience.

Additional conversation followed regarding federal commercialization opportunities. Last year the LSAB implemented a Task Force on Federal Commercialization initiatives. The Task Force addressed federal legislation related to the extension of an SBIR PILOT program. The Task Force will continue its work in 2018 focusing on "conflict of interest" policy in an attempt to increase commercial opportunities in our federal labs.

Prior to this meeting, Dr. Perman had requested that the Commerce Team prioritize additional recommendations for focus going forward into 2018. Bret Schreiber presented the following initiatives:

- **Implementing New Proposals**

- **Assets** – Incentivize developers and companies to expand manufacturing facilities;
- **Capital** – Ensure existing MD BioHealth funding programs are capitalized;
- **Capital** – Establish a public-private competition to increase scalable risk capital; and
- **Talent** – Create incentive program to attract, retain, and support C-Level entrepreneurs.

### **Next Steps**

The next meeting will take place December 19, 2017. A document detailing the discussions from this meeting will be distributed. Working groups will be established and a chairman of each group will be asked to lead this position.

### **Adjourn**

Chair Perman and Secretary Mike Gill thanked everyone for their participation and adjourned the meeting.

## **Board Members in Attendance**

Chair: Jay A. Perman, M.D., President – University of Maryland, Baltimore

Members: Richard (Rich) A. Bendis, President and CEO – BioHealth Innovation Inc.

Jarrod Borkat, Head, External Collaborations, Biotech Hubs and Government Contracting– MedImmune

William (Bill) Hearl, Ph.D., CEO – Immunomic Therapeutics

Theodore (Ted) J. Olsen, President and CEO – PathSensors, Inc.

Wendy Perrow, MBA, CEO – AsclepiX Therapeutics

Karen L. Proudford, Ph.D., President, William E. Proudford Sickle Cell Fund, Inc.; Associate Professor of Management and Director, Graves Honor Program - Morgan State University

Col. Andrea Stahl, Ph.D., Director, MPMC CBRN Defense Medical Research Coordinating Office and JPC-Radiation Health Effects – USAMPMC

Frank F. Weichold, M.D., Ph.D., Director, Critical Path and Regulatory Science Initiatives, Office of the Commissioner – U.S. FDA

Christy Wyskiel, MBA, Senior Advisor to the President and Head of Johns Hopkins Technology Ventures-- Johns Hopkins University

Ex Officio: R. Michael Gill, Secretary – Maryland Department of Commerce

George Davis, President – TEDCO

## **Board Members Not in Attendance**

Vice Chair: Douglas Jon Liu, Senior Vice President, Head of Global Operations – Qiagen Sciences Inc.

Members: Christopher P. Austin, M.D., Director, NCATS, U.S. National Institutes of Health

Laurie Locascio, Vice President, Research – UMCP

Sanjay K. Rai, Ph.D., Senior Vice President for Academic Affairs – Montgomery College

David W. Smith, Ph.D., Vice President, Global Business Development, Emerging Technologies – Lonza Walkersville, Inc.

Bob Storey, Principal, MVR Company

### **Speakers and Guests in Attendance**

Benjamin H. Wu, Deputy Secretary/Chief Operating Officer, Maryland Department of Commerce

Steve Pennington, Managing Director, Business and Industry Sector Development, Maryland Department of Commerce

Bret Schreiber, Senior Director, BioHealth & Life Sciences, Maryland Department of Commerce

Brad E. Fackler, Director, BioHealth & Life Sciences, Maryland Department of Commerce

Virginia Crews, Business Development Manager, BioHealth & Life Sciences, Maryland Department of Commerce

Nina Lamba, Business Development Manager, BioHealth & Life Sciences, Maryland Department of Commerce

Chelsie Caizzi, Business Development Associate, BioHealth & Life Sciences, Maryland Department of Commerce

Dean Storm, Digital Content Manager, Marketing & Communications, Maryland Department of Commerce

Julie Woepke, Director, Maryland Economic Development Commission, Maryland Department of Commerce

Tom Sadowski, Vice Chancellor for Economic Development, University System of Maryland

Jim Hughes, Vice President at University of Maryland, Baltimore

Judy Costello, Managing Director, Economic Development, BioHealth Innovation

Jen LaHatte, Business Policy Analyst, Maryland Department of Commerce