

**MINUTES OF A REGULAR MEETING
OF THE BOARD OF DIRECTORS OF THE
MASSACHUSETTS LIFE SCIENCES CENTER**

DATE: March 23, 2011

TIME: 2:07 p.m. EST

PLACE: One Ashburton Place, 21st Floor
Boston, Massachusetts

DIRECTORS PRESENT: Secretary Greg Bialecki
Josh Boger, Ph.D.
Abbie Celniker, Ph.D.
Secretary Jay Gonzalez

DIRECTOR(S) ABSENT: Jack Wilson, Ph.D.
Lydia Villa-Komaroff, Ph.D.

1. **Call to Order**

Secretary Jay Gonzalez, presiding as Chairman of the meeting, called to order the meeting of the Board of Directors (the “Board”) of the Massachusetts Life Sciences Center (the “Center”) at 2:07 p.m. The meeting, having been duly convened, was ready to proceed with its business.

2. **Chair’s Update**

Secretary Jay Gonzalez stated that he did not have an update for this meeting, but that Secretary Greg Bialecki, when he joins the meeting, would speak about the Governor’s trade mission to Israel and the United Kingdom.

3. **Executive’s Report**

Dr. Susan Windham-Bannister began her report to the Board by stating that the trade mission was, from the Center’s perspective, “a very productive trip.” She informed the Board

that the Center expects to return over the next few months with proposals for follow-up and collaborative initiatives. She then updated the Board on the recent hiring of Pamela Norton, the Center's new Vice President for Industry Relations and Programs, describing her strong experience and background.

Dr. Windham-Bannister also informed the Board that in March she had made a new grant using her discretionary spending authority. This was a \$10,000 grant to the Massachusetts Institute of Technology to support the MIT \$100K Entrepreneurship Competition's Life Sciences Track, which promotes new ideas in biotechnology, bioinstrumentation, pharmaceuticals, medical devices, health care information technology, and diagnostics. She noted that this investment was also made in the previous year and was planned for by the Center.

Dr. Windham-Bannister went on to update the Board on the Center's new Capital Project solicitation, the 2011 Internship Challenge program, the 2010-11 Equipment and Supplies Program, 2010-2011 Cooperative Research Matching Grant Program, and the 2011 Small Business Matching Grant Program. She also described to the Board several upcoming speaking engagements that will increase the Center's visibility and spread the word about current programs and the important work the Center has been doing.

Secretary Greg Bialecki joined the meeting at 2:20 p.m. A quorum of directors was now present.

Secretary Greg Bialecki addressed the Board on the recent trade mission to Israel and the United Kingdom. He considered it an exciting opportunity across all the innovation economy sectors that were represented in both countries. He believed that there were many parallels between what is happening here in Massachusetts and what is happening in both countries visited by the delegation. Yet, he pointed out, there are noticeable differences between and among the three locations, with each sector having strengths and weaknesses. He believed there

are many things we can do which would be of mutual benefit. An important follow-up, which he stated that all participants had pledged to do, is to continue to pursue all of the leads and opportunities that developed during the mission.

Dr. Windham-Bannister added that both the UK and Israel have organizations which are comparable to the Center and have similar interests and are engaged in related activities. She is confident that this will provide the Center with a platform for moving very quickly to some formal collaborative initiatives.

4. Proposal: MLSC Accelerator Loan Program Awards

Brad Rosenblum, the Center's Chief Financial Officer, presented to the Board the Accelerator Loan Program which is a program for early-stage companies that have promising technologies. The Center's goal, he explained, is essentially to "de-risk" these companies so they can secure additional funding and expand in the Commonwealth. The loan amounts are \$750,000, unsecured, over five years with a 10% interest rate. He went on to describe the Center's outreach efforts during the solicitation period and stated that the Center received a total of 41 applications.

Dr. Abbie Celniker joined the meeting at 2:30 p.m.

Dr. Harvey Lodish, Chair of the Center's Scientific Advisory Board (SAB), then described the review process to the Board. He explained that the Center's staff first conducted an administrative review of the applications, which resulted in four applications being determined ineligible. Each of the remaining 37 applications were then reviewed in a double-blind process by two outside experts, one with scientific expertise and one with business expertise. Of this group of applicants, there were 23 highly rated which were discussed by the SAB at their February 3, 2011 meeting. At that meeting, seven finalists were selected. The

Center's staff conducted due diligence on all seven finalists, who then made in-person presentations to Dr. Josh Boger and Dr. Lydia Villa-Komaroff, members of the Board's Investment Committee, as well as several members of the SAB, including Dr. Lodish. He announced that they will be recommending five companies to receive the loan award.

Dr. Josh Boger described the seven finalists as "remarkable," and proceeded to describe in detail each of the five companies recommended for funding through this program. The first, AesRx of Newton, MA, is a biopharmaceutical company focused on the development of sickle cell disease and other orphan drugs. The second, ECI Biotech of Worcester, MA, is a leading developer and manufacturer of affordable patented diagnostic sensors that can be incorporated into any consumer product or medical device. The third, Grove Instruments of Worcester, MA, is developing a completely painless, noninvasive technology that accurately measures blood sugar. The fourth, MoMelan Technologies of Cambridge, MA, is a therapeutic medical device company developing a point-of-care compact desktop medical device which will provide dermatologists and wound care specialists with the first viable approach to perform standardized epidermal skin grafting in under one hour. The fifth, Myomo of Cambridge, MA, is focused on helping people move again after neuro-muscular impairment by developing a comprehensive rehabilitation system combining robotics, software, and specialized treatment protocols.

After further discussion, the Board reviewed the relevant Resolution, and, upon motions duly made, seconded and unanimously carried by all voting Board members, the Board adopted the resolution authorizing the expenditure of monies for loans in the amount of \$750,000 to each of the following five companies: AesRx, LLC, ECI Biotech, Inc., Myomo, Inc., Grove Instruments, Inc., and MoMelan Technologies, Inc.

5. Approval of Board Minutes

The Board then reviewed the minutes of the February 23, 2011 meeting. Upon motion

duly made, seconded and unanimously carried, the Board adopted the resolution to approve the minutes.

6. Adjournment

Secretary Greg Bialecki, upon motion duly made, seconded and unanimously carried, adjourned the meeting at 2:54 p.m.

Secretary Jay Gonzalez
Chairman of the Meeting

APPROVED:

Secretary Greg Bialecki
Co-Chair of the Meeting

List of Materials and Exhibits Used During Meeting:

- Minutes from February 23, 2011 Board Meeting
- Executive Report to the Board of Directors
- “Accelerator Loan Program Awards Proposal” PowerPoint presentation