

# 2015 CABA Biomedical Investment & Entrepreneurship Symposium

## 2015美中生物医药协会投资与创业研讨会

Presented by  
Chinese-American BioMedical Association (CABA)

9:00 AM –6:00 PM  
Saturday, October 10, 2015  
MIT Tang Center  
2 Amherst Street, Cambridge, MA 02142



CABA

### Admission

CABA members: FREE; Non-members: \$30. On-site membership registration available (\$30 annual membership fee due). You can also register online at [www.cabaweb.org](http://www.cabaweb.org).

### SYMPOSIUM ORGANIZING COMMITTEE

#### CHAIR

JIAN SHAO

#### CO-CHAIRS

YIN CHEN, ELLEN FAN

### COMMITTEE MEMBERS

QINGQING CAO, QINGLIN CHE, SHUJIA DAI, JEFF HANG, JO LEE, JINGZHOU LI, SHIWEN LIN, CARRIE LIU, SUSAN QU, ERIC SHI, ZHIGANG WANG, FANGMIN XU, WENDY YANG, XIANGYANG YU, YOUXIN ZHANG, XIAOYONG ZHAO, LIPING ZHOU

For information about CABA and upcoming events, please check CABA Web site:  
[www.cabaweb.org](http://www.cabaweb.org).



## Agenda

9:00am - 10:00am **Registration**

10:00am - 10:05am **Opening Remarks**

*Jian Shao, MBA*, Symposium Chair

10:05am - 10:15am **Welcome Address**

*Susan Qu, Ph.D., MBA*, President, CABA

10:15am - 10:25am **Special Address**

*Kefei Fu*, Vice Consul, Chinese Consulate General in New York

### Plenary Session I

Session Chair: *Qingqing Cao, Ph.D.*

10:25am - 11:00am **Keynote: From Nobel Prize to Patients: Developing a New Therapeutic Class**

*David-Alexandre "DA" Gros, M.D., MBA*, SVP and Chief Business Officer, Alnylam Pharmaceuticals

11:00am - 11:30am **"Virtual" Reality and "Virtual" Success**

*Xiaojun Liu, MBA*, Co-Founder and CEO, Northlake International LLC

11:30am - 11:45am **How to Make Entrepreneurship Easier and Joyful?**

*Ellen Zhang, MBA*, Founder, Partner and CEO, GuanHao Life & Health Incubator Co., Ltd.  
(广东冠昊科技园)

11:45am - 12:00pm **Patents and Drug Delivery**

*Chen Chen, J.D., Ph.D.*, Associate, Cooley LLP

12:00pm - 1:00pm **Lunch Break**

### Plenary Session II

Session Chair: *Youxin Zhang, Ph.D.*

1:00pm - 1:30pm **Who is Funding Healthcare and Why?**

*Milena Adamian, M.D., Ph.D.*, Founder and Managing Partner, Azimuth Ventures

1:30pm - 1:45pm **Startup Incubator Evolution: From Bricks to Clicks**

*Lixin Xu, MBA*, Managing Director, ImproveX Innovation Incubator (广州阳普湾创新企业孵化器)



1:45pm - 3:10pm

**Bio Innovation Contest**Moderator: *Youxin Zhang, Ph.D.*Judges: *Qi Li, M.D., MBA*, InterSystems, Head Judge*Milena Adamian, M.D., Ph.D.*, Azimuth Ventures*Howard Li, Ph.D., MBA*, Novartis*Adam Sharkawy, Ph.D.*, Consortium LLC

Contestants:

**CamMed:** Develop bandage-like patch pump for subcutaneous delivery of one or more medications**LaunchPad Medical:** Develop a bone adhesive, Tetranite™, that can be gradually replaced by bone**Perfetch:** Track and visualize changes to body size to encourage healthy life style**Platelet Light:** Develop a light system for platelet regeneration**Sunus Health:** Develop a potable and drip rate monitoring system - IntelliMonitor

3:10pm - 3:30pm

**Coffee Break**

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**Plenary Session III**Session Chair: *Youxin Zhang, Ph.D.*

3:30pm - 4:00pm

**SBA 101: Resources and Programs for Entrepreneurs***Norman Eng, MBA*, Economic Development Specialist & Public Information Officer, US Small Business Administration

4:00pm - 4:30pm

**Steering Clear of Criminal Liabilities – Discussions of Intellectual Property and Criminal Laws with Entrepreneurs**

规避触犯刑法：和创业者探讨知识产权和刑事法律

*Phil Zhang, J.D., Ph.D.*, Co-founder and Chairman, Milstein Zhang & Wu LLC

4:30pm - 4:45pm

**Contest Winner Announcement**

4:45pm – 6:00pm

**Networking Reception**

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## Speaker and Contest Judge Profiles



### **Milena Adamian, M.D., Ph.D.**

Founder and Managing Partner, Azimuth Ventures  
*Bio Innovation Contest Judge\**

#### **Presentation Title: Who is Funding Healthcare and Why?**

Dr. Adamian is a Managing Partner of Azimuth Ventures, a venture fund focused on early stage healthcare-centric opportunities. She is also the Founder and Executive Director of Life Sciences Angel Network (predecessor of Azimuth Ventures).

Dr. Adamian brings unique perspective of a clinician and academic researcher with genuine passion for breakthrough technologies enriched by industry knowledge, Wall Street, and venture capital experience. In last 20 years, her career included professional appointments at Interventional Cardiology department (Lenox Hill Hospital (NYC) and Columbus Hospital (Milan, Italy), Medical Director at Boston Scientific Corporation (NYSE: BSC), Equity analyst (Medical Devices and Supplies) at Lehman Brothers and Managing Director, Easton Capital.

Dr. Adamian is actively involved in a number of accelerators and angel groups across the US. Her investments and board involvements include Xoft (now NYSE: ICAD), Cardiovascular Systems (now NYSE: CSII), Forge Medical, Precise Light Surgical, Quartzly, Comprehend Systems, ZappRX, Common Sensing, BioTrace Medical, Wellframe, Owlet Care, and Lifecode Health. She was named to the TechWeek100 list of leaders in NYC area with significant impact in business and technology and was named among 2014 – Women of Influence Honoree 2015 by New York Business Journal.

Dr. Adamian is a member of the American College of Cardiology and is also an author of a number of scientific peer-reviewed papers. She holds an MSc degree in Biostatistics and Clinical Research Methods from Mailman School of Public Health at Columbia University, and MD and PhD degrees in Clinical Cardiology from the Russian Academy of Medical Sciences.



### **Chen Chen, J.D., Ph.D.**

Associate, Cooley LLP

#### **Presentation Title: Patents and Drug Delivery**

Dr. Chen Chen is an associate at Cooley LLP. He prepares and prosecutes U.S. and foreign patent applications in various technology fields, including small molecule pharmaceuticals, immunology, plant sciences, virology, and cell biology. Dr. Chen holds a JD from Suffolk University, a PhD in Chemistry from Harvard University, and a BS in Biology from the University of Science and Technology of China.



**Norman Eng , MBA**, Economic Development Specialist & Public Information Officer, SBA Massachusetts District Office

**Presentation Title: SBA 101: Resources and Programs for Entrepreneurs**

Norman currently serves as Economic Development Specialist & Public Information Officer for the SBA Massachusetts District Office. His work helps optimize the positive impacts of SBA economic development programs and services on the growth of the local economy in Massachusetts. Norman also coordinates external communications, managing the newsletter and media relations for the district office. Norman maintains a network of collaborative partnerships with small business stakeholders such as state, regional and local economic development practitioners, chambers of commerce, business associations, educational institutions, and community organizations. As a Boston native, Norman grew up in Boston's Chinatown and has experience with various community-based organizations both as a program participant and as a collaborative partner. Previously, Norman has served as Operations Manager at Boston Chinatown Neighborhood Center and Partnership Specialist for the U.S. Census Bureau. He holds a BS from Bentley University and an MBA from Suffolk University. Norman stays involved in the Chinatown community playing Chinese 9-man volleyball.



**David-Alexandre "DA" Gros , M.D., MBA**, Senior Vice President and Chief Business Officer, Anylam Pharmaceuticals

**Presentation Title: From Nobel Prize to Patients: Developing a New Therapeutic Class**

Dr. Gros joined Alnylam in 2015 with extensive experience in the pharmaceutical industry and in healthcare investment banking and strategy consulting. In his current role, he is a member of the Management Board and is responsible for Alnylam's finance, business development, investor relations, and communications functions. Most recently, he served as Executive Vice President and Chief Strategy Officer at Sanofi, where he was a member of the Executive Committee. Prior to Sanofi, he held positions of increasing responsibility in investment banking at Centerview Partners and Merrill Lynch, and in consulting at McKinsey & Company. Dr. Gros holds an M.D. from the Johns Hopkins University School of Medicine, an M.B.A. from Harvard Business School, and a B.A. from Dartmouth College.



**Howard (Hao) Li, PhD, MBA**, Cambridge Site Head, Novartis Knowledge Center

*Bio Innovation Contest Judge\**

Dr. Li is currently Cambridge site head of Novartis Knowledge Center, responsible for providing timely, accurate and comprehensive external insights to global business functions. Prior to the current position, he was an associate director of competitive intelligence, responsible for Oncology disease area at Novartis, Cambridge, Massachusetts. He was a project team head at Novartis, East Hanover, New Jersey, where he led a drug discovery team in the PI3K/mTOR pathway. Prior to joining Novartis, Dr. Li was a Jane Coffin Childs Fellow in genetics at Stanford University, Stanford, California. Dr. Li holds a Ph.D. in biochemistry and molecular biology from the State University of New York at Stony Brook and an MBA in entrepreneurship from the F.W. Olin Graduate School of

Business at Babson College. He graduated from University of Science & Technology of China with a Bachelor of Science degree in biophysics and undertook Master of Science study in neurophysiology at Chinese Academy of Sciences, Shanghai, China. Dr. Li co-authored many peer-reviewed research publications in leading biomedical journals, book chapters as well as patent applications. He is a two-time recipient of Novartis Innovation Team Award.



### **Qi Li, M.D., M.B.A.**

Dr. Li is a successful healthcare innovator with extensive experience in product inception, research, and global business development. Dr. Li is the co-founder of EviPath with the mission to advance clinical education and collaboration in China. Dr. Li also holds the position of director of product innovation at InterSystems in charge of the global clinical product strategy. Dr. Li has held various product leadership roles at Harris Healthcare, Partners Healthcare, and several startup companies in healthcare IT. Previously, as the key person driving the Harris Healthcare global product strategy and sales effort, Dr. Li led the product positioning and market entry efforts in UK and China. At Partners HealthCare in Boston, Dr. Li led the internal development of the Longitudinal Medical Record (LMR) adopted enterprise-wide by 7,000-plus physician users at all primary care and specialty clinics. Dr. Li consults for Partners Medical International and taught in the China Initiative at Harvard School of Public Health. Dr. Li earned his combined M.D. and M.B.A. degrees from Tufts University School of Medicine in Boston, Mass and a bachelor's degree from University of Southern Maine. Dr. Li also attended Shanghai Jiaotong University before moving to US in 1991.



### **Xiaojun (Jun) Liu, MBA**

Co-Founder and CEO, Northlake International LLC

#### **Presentation Title: "Virtual" Reality and "Virtual" Success**

Jun has 15 years of experience as a scientist, corporate executive and successful entrepreneur in pharma and biomedical industries. He started his career as a medicinal chemist working at Pfizer Groton site. After several years of bench work, upon completion of his MBA training, Jun switched to commercial side of pharma industry, leading multiple new product launches in global markets & Chinese market for Eli Lilly and Genzyme. His last corporate position was global marketing director for Charles River, leading all marketing activities for its \$700M Discovery Services and Toxicology Services. As entrepreneur, Jun has started several startups across healthcare field. His most successful startup is Northlake International, a virtual drug discovery company which had successfully licensed its key preclinical candidate to an EU company (for ex-China rights) and a Chinese pharma company (for China rights). Jun holds a BS from Peking University, MS in Chemistry from University of Pittsburgh, and a MBA from Kellogg School of Management.



### **Adam Sharkawy, PhD**

Dr. Adam Sharkawy is a seasoned executive leader in the healthcare and life sciences industry with a diverse background across numerous technology and therapy spaces in both VC-funded start-ups and large Fortune 500 corporations.

Adam is the founder and managing director of Consortium, a management consulting firm which advances life science programs in a cost effective manner. He is also a member of the Board of Directors for several companies including Soft Robotics, Inc.

Prior to starting Consortium, Adam held many executive leadership roles with companies such as Medicines Company, Abbott, Guidant, Smith & Nephew as well as several venture-funded start-ups which have been acquired by Johnson & Johnson and Medtronic.

Dr. Sharkawy received his Ph.D. from Duke, a Masters degree from Texas A&M and a Bachelors degree from the American University, Cairo.



### **Lixin Xu, MBA**

Vice President, R&D, Guangzhou Improve Medical Instruments Co., Ltd.

Managing Director, ImproveX Innovation Incubator (广州阳普湾创新企业孵化器)  
Chairman, GIMDx, Inc.

### **Presentation Title: Startup Incubator Evolution: From Bricks to Clicks**

Mr. Xu is Vice President of R&D at Guangzhou Improve Medical Instruments Co., Ltd, a ChiNext listed company (ChiNext:300030). Improve Medical Instruments aggressively pursues growth in broad area, including In-Vitro Diagnostics, Medical Imaging, Pharmaceuticals, Clinical Nursing, Healthcare as well as Medical services. In addition to his VP role, Mr. Xu was appointed as the Chairman for GIMDx (a San Diego-based biotech company owned by Improve Medical focusing on developing molecular diagnostics solutions) in May 2014. A year later, he accepted another high-profile role as Managing Director at ImproveX Incubator, also owned by Improve Medical. ImproveX targets to provide start-ups with services including office and lab spaces, financial assistances (such as Angel fund, Growth Fund) as well as other special services (such as Startup Camp, Mentor Program and programs to build networks with established entrepreneurs in the related field). Prior to joining Improve Medical in 2011, Mr. Xu spent 17 years with HP Medical, Agilent Technologies, Philips Medical and Johnson & Johnson where he held various positions from project manager to R&D director.

Mr. Xu obtained his BS and MS degrees in Electronics Engineering from Xi'An Jiaotong University in China, he later acquired a MBA/EMBA degree from China Europe International Business School (CEIBS).

**Ellen Zhang, MBA**

Founder, Partner and CEO, GuanHao Life & Health Incubator Co., Ltd. (广东冠昊科技园)

**Presentation Title: How to Make Entrepreneurship Easier and Joyful?**

Ms. Zhang is the founder, partner and CEO of GuanHao Life & Health Incubator Co., LTD. She established the company in 2013 in Guangzhou because she had a dream of helping entrepreneurs of start-up companies; she recognized a need for building a platform with characteristics of Chinese market. Ellen designed a new business model to offer various services and guidance to start-up companies to transform their ideas into reality. There are

thirty companies in the Incubator, four of them are invested through her efforts, and one of them is ready for buy-out.

Ms. Zhang received an M.P.A degree from South China University of Technology and an E.M.B.A degree from Sun Yat-Sen University.

**Philip Zhang, J.D., Ph.D.**

Co-founder and Chairman, Milstein Zhang & Wu, LLC

**Presentation Title: Steering Clear of Criminal Liabilities - Discussions of Intellectual Property and Criminal Laws with Entrepreneurs**

规避触犯刑法：和创业者探讨知识产权和刑事法律

Dr. Zhang is a licensed lawyer and a registered patent attorney. He has practiced law in the U.S. for 16 years. Dr. Zhang has extensive experience representing pharmaceutical, biotechnology, clean technology, advanced materials, medical devices, and scientific instruments companies, including advising clients on IP strategies, product patent clearance, licensing and patent preparation and prosecution. Dr. Zhang also helps clients with IP issues in R&D collaborations, venture funding, mergers and acquisitions, and other corporate transactions. He is a frequent speaker and has published extensively on various legal, IP and technology issues including three articles in the journal Nature Biotechnology. Dr. Zhang received his J.D. from Vanderbilt University Law School and his Ph.D. from Dartmouth College. He graduated with a B.S. from the University of Science & Technology of China.





## About the Contestants



LaunchPad Medical is developing Tetranite™, a bone adhesive that is gradually replaced by bone. Such a product has significant load-bearing strength and will provide a new tool for the surgeon to anchor metal implants, fill voids, and fix bone fragments back together while keeping procedures simpler, safer, and less expensive. Tetranite™ has a combination of strength, biocompatibility, and low cost to be commercially viable. The dental implant market will be the initial platform application.



Perfetch is a data company founded by several “Huskies” from Northeastern University. Our team developed a cutting-edge product called Perfetch Cube, in which users take a 3D “selfie” in five seconds and produce their photo-realistic avatars. We collect hundreds of data points on the surface of each user’s human body by a single scan, allowing us to help gym-goers manage, track and visualize the changes to their body size over time. Our goal is to motivate people to fundamentally develop a healthy life style.

Platelet Light



We, a team of multi-disciplinary scientists at the Wellman Center for Photomedicine at Massachusetts General Hospital, developed the first light system for platelet regeneration. Our product will provide primary or secondary prophylaxis for thrombocytopenia and greatly reduce the need for platelet transfusion. It offers a non-toxic, non-invasive, drug-free and donor-independent approach to treat the patients with thrombocytopenia. We have filed a US patent and won the 2015 Bullock research award for this invention.



IntelliMonitor is a portable bubble and drip rate monitoring system. It is specifically aimed at avoiding aeroembolism in cerebral angiograms and can be generally applied to the quality control in infusion process. The product is established via the combination of intelligent hardware and a large cloud-based patient data base. On the hardware side, optical illumination and sensing has been employed to detect bubble and drip rate with high accuracy. These personalized data can be uploaded wirelessly to a cloud-based platform so as to help the doctors better evaluate the effectiveness of during or after infusion. In addition, nurses can also be notified in conditions when the infusion on a particular patient is over or unusual. The entire device is not in contract with any liquid during infusion, thus qualifying as a type II medical device.



Cam Med LLC is a development stage company, applying microfluidics to medical devices that enable substantial improvements in the daily life of patients. Our Evopump is the first bandage like patch pump for subcutaneous delivery of one or more medications. We aim to increase pump adoption by people who require multiple daily injections of medication by offering them a discreet, comfortable, easy to use and low cost yet highly precise and actively controlled device which overcomes many of the obstacles which have inhibited pump adoption.

## Special Thanks



广东冠昊  
生命健康科技园  
GUANGDONG GRANDHOPE  
LIFE AND HEALTH INCUBATOR

阳普湾  
improue X

Cooley

### CABA MISSION:

- + TO PROMOTE SCIENCE, TECHNOLOGY, AND BUSINESS COLLABORATION IN BIOTECH/PHARMACEUTICAL INDUSTRY
- + TO BUILD AND MAINTAIN A PLATFORM THROUGH COHESIVE SCIENTIFIC, PROFESSIONAL, AND CULTURAL CONNECTION THAT PROVIDES HIGH QUALITY SERVICE
- + TO FACILITATE NETWORKING AMONG SCIENTISTS, PROFESSIONALS, AND ENTREPRENEURS IN ACADEMIA, BIOTECH/PHARMACEUTICAL INDUSTRY AND REGULATORY AGENCIES
- + TO EMBRACE ADVANCEMENT OF SCIENCE AND COMMERCIALIZATION OF INNOVATION THAT WILL BENEFIT HUMAN HEALTH
- + TO FOSTER COLLABORATIONS BETWEEN THE UNITED STATES AND CHINA FOR THE DEVELOPMENT OF BETTER BIOTECH/PHARMACEUTICAL THERAPEUTICS

## ABOUT

CABA is a 501(C)(3) not-for-profit professional organization registered in Massachusetts since May 2007. CABA is committed to promote public awareness of advancement in the pharmaceutical and biomedical industry, professional interactions in the fields of life sciences, global biomedical innovations and business development. As the majority of its members are scientists with Chinese heritage, CABA will operate in two important areas. One is to serve as a platform for its members to develop and advance their careers in the US pharmaceutical and biomedical industry, the other is to serve as a bridge to connect members including corporate members with the scientific and business resources in China thus facilitating collaboration between the pharmaceutical and biomedical industries across continents. To fulfill these goals, we will organize scientific and business symposia, conferences, workshops, in US and China, as well as social events to promote networking and communication among members. We will bring together members, scientists, professionals, government officials and business leaders across the continents under a collaborative environment and achieve their best potential.

CABA is a volunteer-based society. We rely on members to contribute their time and efforts to build the organization. We rely on corporate members and sponsors to raise fund to support the above activities. We value integrity, honesty, professionalism, community service, scientific excellence, responsibility and accountability. We invite you to explore our organization, and we are confident you will share our values and are interested in becoming a member, devoting your time or efforts, or sponsoring CABA activities. In summary, CABA is built by its members and serves its members.

## CONTACT

If you have any comments, suggestions or feedback to our organization and our events, please feel free to contact us at [cabaconnect@gmail.com](mailto:cabaconnect@gmail.com). Your comments are important for us to improve in the future. Thank you very much!

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