

BostonBioForum **2012**

二〇一二美中生物醫藥協會年會

Chinese American BioMedical Association (CABA)
2012 Annual Conference

Meeting the Challenges through Innovation

展望生物医药行业前景：以创新迎接挑战

Date: Saturday, April 7, 2012; 8:30 AM - 9:00 PM
Venue: MIT Faculty Club, 50 Memorial Drive, Bldg E52, 6th Floor
Cambridge, MA

Selected Topics

Industry Trends & Key Technology Innovations

Globalized R&D: Resourcing & Collaborations

Career Development & Entrepreneurship

Networking Receptions & Vendor Exhibitions



Chinese-American BioMedical Association
美中生物医药协会

BostonBioForum²⁰¹²

Chinese American BioMedical Association (CABA) 2012 Annual Conference

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- Globalized R&D: Resourcing & Collaborations
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Admission: CABA members FREE; Non-members: \$20.

On-site membership registration to CABA is available (\$20 annual membership fee due). Online registration is also available at www.cabaweb.org.

Dinner/Keynote Speech: you are also welcome to stay for dinner/keynote speeches (starting at 6:15 PM). Limited discounted dinner tickets (\$30) are available on-site at registration table.

Driving Direction & Parking:

<http://web.mit.edu/facultyclub/about/directions.html>

Please use MIT E51 Lot and Hayward Lot for parking; Parking at MIT on weekends is **free**.

For information about CABA and upcoming events, please check CABA Web site: www.cabaweb.org.

Conference Organizing Committee

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SUSAN QU

LIXIN SHEN

ZE TIAN

YIKAI WANG

LI XING

ZHIYONG YANG

YONGXIN ZHANG

ZHENDONG ZHU

Conference Agenda

8:00-9:00 *Registration*
Hosts: Sue Ma, M.D.

9:00-9:05 *Opening Remarks*
Philip Zhang, Ph.D., J.D. - Conference Chair

MORNING SESSION I

SESSION CHAIRS: SHIWEN LIN, PH.D., LI XING, PH.D.

9:05-9:40 *Combination Strategies to Cure Hepatitis C*
Ron Renaud, MBA
Idenix Pharmaceuticals - CEO

9:40-10:10 *The Story of Tysabri*
Alfred Sandrock, M.D., Ph.D.
Biogen Idec. - SVP, Neurology Research and Development

10:10-10:45 *Keeping Innovation-The Business of Vertex from a Science Perspective*
Mark Namchuk, Ph.D.
Vertex Pharmaceuticals - SVP, Research

10:45-10:55 *Coffee Break and Vendor Show (Sponsored by Sundia)*
Hosts: Fang Liu, Zhigang Wang

MORNING SESSION II

SESSION CHAIRS: YIHAN WANG, PH.D., XIANG YU, PH.D.

10:55-11:30 *Met-ing our Neighbors: Putting R&D into BD*
Detlev Biniszkiwicz, Ph.D.
AstraZeneca - VP, IMED Strategy for Oncology

11:30-12:30 *Panel Discussion: Integrated Drug R&D Services*
Moderator: Xiang Yu, Ph.D.

Chen Chen, Ph.D.	Sundia MediTech - CEO
Jifeng Liu, Ph.D.	Aberjona - President
George Shi, Ph.D.	Anichem – CSO
Maxine Rojas	WuXi Aptec- Director, Business Development
Larry Cai, MBA, M.S.	Shanghai Medicilon - Senior Director, Business Development
Ming Qi, Ph.D.	Accelachem- President
Derek Ren, Ph.D.	Viva Biotech - VP, Discovery Biology
Hui Li, Ph.D.	BioDuro/PPD - Head of Business Development

12:30-1:30 *Lunch Break, Vendor Show and Career Fair (Sponsored by Wuxi AppTec)*
Hosts: Fang Liu, Zhigang Wang

AFTERNOON SESSION I

SESSION CHAIRS: ZHIGANG WANG, PH.D., QINGQING CAO, PH.D.

1:30-2:05 *Filling the Gap between Basic Research and Drug Discovery: the Broad Approach*

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Michael Foley, Ph.D.
The Broad Institute - Director of Chemical Biology

2:05-2:35 *Translating the Cancer Genome into Impactful Drugs*

Markus Warmuth, M.D.
H3 Biomedicine - CEO

2:35-3:05 *Planning and Challenges for Development of Innovative Drugs: the ARIAD Experience*

Daniel M. Bollag, Ph.D.
Ariad – SVP, Regulatory Affairs and Quality

3:05-3:15 *Coffee Break and Vendor Show (Sponsored by Aberjona)*

Hosts: Fang Liu, Zhigang Wang

AFTERNOON SESSION II

SESSION CHAIRS: ZHIHONG CHEN, PH.D., YOUXIN ZHANG, PH.D.

3:15-3:45 *Solution to "Tough-to-Drug" Targets: Integrated Discovery Engine of Macrocycles, DNA-*

Programmed Chemistry, Affinity-Based Selections & Next Generation Sequencing

Steve Hale, Ph.D.
Ensemble Therapeutics - VP, Screening & Biochemistry

3:45-3:55 *Career Opportunities - China Biotech Opportunities*

3:55-4:10 *Career Opportunities - Deqing Biopark Introduction*

4:10-5:00 *Panel Discussion: Career Development & Entrepreneurship*

Moderator: Youxin Zhang, Ph.D.

Frank Feist, MBA, M.S.	NobelGen - CEO
Gangfeng Xu, Ph.D., MBA	Abbott Laboratories - Divisional VP, Corp. Licensing & Acquisitions
Lauren Celano, MBA	Propelcareers - CEO
Lixin Shen, Ph.D.	Wuxi Howfond Biopharma Co., Ltd. - CEO
Joshua Zhang, M.D., Ph.D.	Ariad - Senior Medical Director

5:00-5:30 *Celebration of Five Years of Community Service and Leadership*

Zhihong Chen, Ph.D. CABA - President
Yihan Wang, Ph.D. CABA - Chair, Board of Directors

5:30-6:15 *Cocktail Social Hour: Networking and Vendor Show (Sponsored by Anichem)*

Hosts: Fang Liu, Zhigang Wang

EVENING SESSION

SESSION CHAIRS: PHILIP ZHANG, PH.D., J.D., ZHAO-KUI (ZK) WAN, PH.D.

6:15-7:00 *Dinner*

7:00-7:45 *Chemical Probes for Epigenetics*

Mark Bunnage, Ph.D.
Pfizer - VP, Head of Chem., BioTherapeutics Research

7:45-8:30 *Building an Innovative Biotech: Lessons and Secrets*

Chiang Li, M.D.
Boston Biomedical – Founder and CEO

8:30-9:30 *Social Networking*



Award Announcements

To recognize significant achievements and contributions in the life science field and biomedical community, CABA established three awards including “**Innovator of the Year Award**”, “**Excellence in Innovation Award**” and “**Leadership in Community Service Award**” to promote and encourage innovation in the life science and biopharmaceutical-related fields, to recognize significant scientific, business or policy achievements that address unmet medical needs and provide significant current or potential benefits to patients and society, and to acknowledge significant contributions in life science and drug development including but not limited to those that significantly benefit the Asian American patient population.

Dr. Chiang J Li has been selected to receive the 2012 “**Innovator of the Year**” Award to recognize his outstanding contributions and achievements in discovery and development of first-in-class anti-cancer therapeutics to help patients with hard-to-treat cancers.

The 2012 “*Excellence in Innovation Award*” is presented to **Novartis, Idenix Pharmaceuticals**, and **Bristol-Myers Squibb** to recognize their contribution in the field of HBV drug development to help Hepatitis B patients.

Pfizer, Novartis and **Ariad Pharmaceuticals** are the recipients of 2012 “*Leadership in Community Service Award*” to recognize their continuous support to the biomedical and life science community including CABA.

In addition, the 2012 “*Advocate Excellence for Chinese Biomedical Enterprise Award*” is presented to **Dr. Yan Li**, Director in Chief, Wuhan municipal SFDA, China to recognize her vision, leadership and significant contributions to the exchange between China and US in the field of Food and Drug regulatory affairs and impact in the SFDA policy making in China to promote public health.

The Award will be presented at the *Boston BioForum 2012 - CABA Annual Conference* on April 7, 2012 at MIT Faculty Club.

Chinese-American BioMedical Association (CABA)
Organizing Committee of *Boston BioForum 2012 - CABA Annual Conference*



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Chinese-American BioMedical Association (CABA)

Innovator of the year

Chiang Li, M.D.

In recognition of the outstanding contributions and achievements in discovery and development of first-in-class anti-cancer therapeutics to help patients with hard-to-treat cancers

April 7, 2012
Cambridge, Massachusetts, USA



Chinese-American BioMedical Association (CABA)

Excellence in Innovation

Novartis Idenix Pharmaceuticals Bristol-Myers Squibb

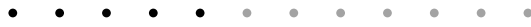
In recognition of their outstanding contributions and achievements in the field of HBV drug development that significantly improved treatment options for Hepatitis B patients

April 7, 2012
Cambridge, Massachusetts, USA



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Chinese-American BioMedical Association (CABA)

Advocate Excellence for Chinese Biomedical Enterprise

Dr. Yan Li

In recognition of her vision, leadership and contribution to the exchange between China and US in the field of Food and Drug regulatory affairs and her impact in SFDA policy making in China to promote public health

April 7, 2012
Cambridge, Massachusetts, US



Chinese-American BioMedical Association (CABA)

Leadership in Community Service

Pfizer Novartis Ariad Pharmaceuticals

In recognition of their continued support and commitment to the biomedical and life science community including CABA

April 7, 2012
Cambridge, Massachusetts, USA

BIOSKETCHES AND PROGRAM SUMMARY



Ronald C. Renaud, Jr., MBA President and CEO, Idenix Pharmaceuticals

Presentation Title: *"Combination Strategies to Cure Hepatitis C"*

Renaud has served as the president and chief executive officer of Idenix Pharmaceuticals, Inc. since October 2010. Prior to this, Mr. Renaud served as the chief financial officer of Idenix Pharmaceuticals, Inc. since June 2007 and additionally as Chief Business Officer since June 2010. Mr. Renaud brings a unique mix of skills to this role with his finance experience at public biotechnology companies and on Wall Street, as well as his science background. Prior to joining Idenix, Mr. Renaud served as chief financial officer of Keryx Biopharmaceuticals. In this role he was responsible for the strategic planning and development of the finance function to support the company's growth and its late-stage product candidate development. Prior to his position at Keryx, he spent several years as a senior biotechnology equity analyst for leading investment banks including Bear Stearns, Schwab SoundView and JP Morgan. Additional industry

experience includes Mr. Renaud's more than five years at Amgen Inc., where he held positions in clinical research, investor relations and finance.

Mr. Renaud holds a Masters in Business Administration from the Marshall School of Business at the University of Southern California and a Bachelor of Arts from St. Anselm College in Manchester, NH.



Alfred Sandrock, MD, PhD, Sr. Vice President, Development Sciences, Chief Medical Officer, Biogen Idec

Presentation Title: *"The Story of Tysabri"*

Alfred W. Sandrock Jr., M.D., Ph.D., is Chief Medical Officer and Senior Vice President of Development Sciences at Biogen Idec, overseeing clinical development in neurological and immunological diseases, global regulatory affairs, global safety and benefit risk management, global clinical development operations, and biometrics.

Dr. Sandrock is a board-certified neurologist and is Assistant Clinical Professor of Neurology at Harvard Medical School. His contributions to the literature include peer-reviewed articles on axonal regeneration, synapse formation, neurophysiology, and multiple sclerosis.

Dr. Sandrock received an MD from Harvard Medical School in Boston, and a PhD in Neurobiology from Harvard University in Cambridge. He completed an internship in Medicine, a residency and chief residency in Neurology, and a Clinical Fellowship in Neuromuscular Disease and Clinical Neurophysiology (electromyography) at Massachusetts General Hospital.



Mark Namchuk, Ph.D. SVP, Vertex Pharmaceuticals

Presentation Title: *"Keeping Innovation-The Business of Vertex from a Science Perspective"*

Dr. Namchuk received his BSc in Chemistry with Honors from the University of Alberta in 1988 and his Ph.D. in Bioorganic Chemistry from the University of British Columbia in 1993. Upon completion of his graduate work, Dr. Namchuk was an HFSP Post Doctoral Fellow at UCSF. In 1996 he accepted a position with Cubist Pharmaceuticals as the head of the Enzymology group. In 1998, he joined Vertex Pharmaceuticals and has held a number of positions with the company. In 1999, he took on responsibility for the High Throughput Screening group. After leading drug discovery teams in infectious disease and oncology, he was promoted in 2002 to Worldwide Head of preclinical research for the Vertex/Novartis Kinase Program, and in 2003 took responsibility for all aspects of the alliance across R and D. In 2005, Dr. Namchuk was made Vice President of Research for Vertex's Cambridge site. In 2011 he was promoted to his

current position as senior Vice President of Research for North America. In this position he manages 350 scientists in 4 sites working in all areas of pharmaceutical research including Medicinal Chemistry, Structural Biology, Biochemistry, Cell Biology and Pharmacology and oversees projects in areas of Infectious Disease, Oncology, IMID, Neurology and Cystic Fibrosis.

Detlev Biniszkiwicz, Ph.D. Vice President of Strategy, Oncology Innovative Medicine, AstraZeneca

Presentation Title: *"Met-ing our Neighbors: Putting R&D into BD"*

Dr. Detlev Biniszkiwicz pursued his academic career at the Whitehead Institute at Massachusetts Institute of Technology (MIT), where he studied epigenetic changes in embryonic stem cells and DNA repair mechanisms in cancer using transgenic mouse models.

After his academic fellowship, Detlev served as Principal at The Boston Consulting Group (BCG), where he led numerous projects for biotechnology and pharmaceutical companies. Detlev then joined the Novartis Institutes for BioMedical Research (NIBR) as Head of Strategic Projects and Planning, leading the strategy organization of NIBR reporting directly to the COO. Subsequently, Detlev became the Global Head of Portfolio Management at Novartis Institutes for BioMedical Research, and was responsible for the oversight and strategy of the entire portfolio of



projects ranging from Target Discovery to Proof-of-Concept.

At AstraZeneca, Detlev holds the position of Vice President of Strategy in the Oncology iMed and is part of the Oncology iMed Leadership Team and Oncology Project Review Board. His group's responsibilities include:

- Oncology Strategy
- Oncology Externalization
- Oncology External Alliances and Collaborations
- Competitive Intelligence, Publication Strategy, Compliance, and Chief-of-staff



Chen Chen, Ph.D. CEO, Sundia

Discussion Title: "How does a Chinese CRO fit in the new drug discovery business model?"

Dr. Chen has a Ph.D. in Organic Chemistry from the Shanghai Institute of Organic Chemistry, China. He did a post-doc at Texas A&M University with Nobel Laureate, Professor Sir Derek H. R. Barton, and a post-doc at the University of Illinois, Chicago. Dr. Chen spent 15 years at Neurocrine as Scientist to Senior Director of Medicinal Chemistry. In his research and management positions at Neurocrine, Dr. Chen achieved many outstanding scientific and industrial accomplishments, including development of two small molecule antagonists, NBI-42902 and elagolix (aka NBI-56418), of the gonadotropin-releasing hormone receptor into clinical studies. He designed, synthesized and developed NBI-30775 (R121919), a small molecule antagonist of the corticotrophin-releasing factor receptor as the first-in-class compound advanced into clinical trials for depression/anxiety. Dr. Chen also discovered NBI-31772, the first small molecule inhibitor for the insulin-like growth factor-I/IGF-binding protein. In addition, Dr. Chen identified the first selective antagonist of the melanocortin-5 receptor, and discovered numerous agonists and antagonists for the melanocortin-4 receptor for eating disorders. Dr. Chen has served as Sundia's Senior Vice President since 2009. And he has been appointed as CEO of Sundia in 2012. Dr. Chen has extensive experience in CNS drug research and GPCRs as drug targets. His knowledge also includes neuropathic pain and metabolic disorders. His research interests extend to clinic and preclinic pharmacokinetics of small molecules and the relationship with their chemical properties. Dr. Chen has so far published near 130 scientific papers in peer-reviewed journals such as J. Am. Chem. Soc., J. Org. Chem., J. Med. Chem., and J. Biol. Chem. He has written numerous review articles on the topics of drug discovery and medicinal chemistry. He is the co-inventor of over 25 US patents. He has been invited to give presentations in numerous scientific conferences such as the Gordon Conference of Medicinal Chemistry and the ACS National Meeting.



Ji-Feng Liu, Ph.D. President and CEO, Aberjona Laboratories

Discussion Title: "Growing into a Well-Respected Collaborative Research Organization"

Dr. Liu established Aberjona Laboratories, Inc. in 2006 as a premier chemistry-based discovery research service company. Under his leadership, Aberjona has now been growing into a well-respected collaborative research organization that provides high quality, cost-effective, medicinal chemistry and process research services and collaborates with variety of pharmaceutical, biotech companies, and academic research institutes such as Harvard Medical School. Aberjona has helped these organizations to achieve number of milestones including two drugs in clinical trials, two recent biotech companies' acquires, two co-filed patents, four co-authored research papers. Prior to establishing Aberjona, Dr. Liu has held scientific and managerial positions at ArQule, Inc. At ArQule, he managed and significantly contributed to number of drug discovery programs and invented multiple drug candidates including ARQ 621, currently in clinical trials and ARQ 101, the ArQule's first IND candidate. Dr. Liu has more than 70 scientific peer-reviewed papers, patents, presentations, and book chapter. One research paper was recognized as both Most-Cited and Most-Accessed Article of 2006 from the American Chemical Society, and another one was received "Tetrahedron Letters 2005 – 2008 Most-Cited Article Award" from Elsevier. Dr. Liu was trained at MIT as a postdoctoral associate and fellow, holds a Ph.D. in organic chemistry from Kyushu University in Japan.



Guo-qiang (George) Shi, Ph.D. Co-founder and CSO, Anichem

Discussion Title: "Introduction of Anichem, Your Source for Innovative Technologies, Products and Services"

Anichem is a pharmaceutical R&D company specialized in developing new technologies and products for drug discovery and commercialization. Prior to that, George was a senior research fellow at Merck Research Laboratories, where he conducted research in the department of medicinal chemistry for ten years. He also served as professor at Shanghai Institute of Organic Chemistry (SIOC) and associate director of State Key Laboratory for Organometallic Chemistry of Chinese Academy of Sciences for four years. He was one of the first fourteen recipients of the "100 Talents Program" (百人计划) sponsored by the Chinese Academy of Sciences. George obtained his B.Sc. degree from East China Normal University and a M. Sc. degree from Shanghai Institute of Organic Chemistry (SIOC), Chinese Academy of Sciences. He received his PhD degree with honors from the University of Lausanne in Switzerland with Prof. Manfred Schlosser. He conducted his post-doctoral research in natural product synthesis with Prof. K.C. Nicolaou at the Scripps Research Institute. He authored and co-authored over 40 peer-reviewed publications and more than 10 patents in drug discovery.

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Maxine Antoinette Rojas Director, Business Development, Wuxi Apptech

Discussion Title: *“WuXi AppTec, a collaborative technology platform as individual as your science”*

Experience: Maxine comes to WX with 14 years in the industry. Maxine’s experiences include Pfizer (sales and marketing) CMOs, particularly serving the Boston area, in manufacturing (API, drug product, raw materials/intermediates) and clinical development services for NCE and generic drugs.

Education: BSc in Chemistry; BS in Biology



Larry Cai, MBA, M.S. Sr Director, Strategic Business Development and Alliance Management, Shanghai Medicilon, Inc.

Discussion Title: *“Bridging the Divides: Shanghai Medicilon, Inc”*

Mr. Larry Cai is a life science industry veteran with almost two decades of experience in both scientific field and business development arena. In 2011, Mr. Cai joined Shanghai Medicilon, Inc., the pioneer in integrated pharmaceutical R&D services in China that offers chemistry, discovery and structure biology, DMPK/PD, toxicology (GLP & non-GLP for FDA in US, and SFDA in China) services to pharmaceutical and biotech companies around the world since 2004, as its Boston-based Director of Business Development and Strategic Alliance. He is responsible for developing and expanding the client base as well as project and alliance management. Before joining Shanghai Medicilon, Inc., Mr. Cai held the position of Associate Director of Business Development at PPD, a leading global CRO, that offers services ranging from early drug discovery to post-market clinical trial management. Prior to his business development career,

Mr. Cai played critical roles in a number of Boston area biotech companies in both discovery and development stages. Mr. Cai received his MBA degree from Babson College, and his MS degree in Chemistry from The Ohio State University.



Ming Qi, Ph.D. Founder and President of Accela ChemBio

Discussion Title: *“Accela ChemBio, a Quality R&D Quality Supplier”*

Ming Qi is the Founder and President of Accela ChemBio, a product based company established in 2007 to design, synthesize, develop, and manufacture R&D chemicals. Accela has been growing to over 100 employees and 8000 products, and has presences in San Diego, USA and Shanghai, China. Prior to Accela, Ming was co-founder and VP Chemistry of Sundia Meditech, where he built up research teams and delivered outstanding value for customers. He also managed and lead discovery projects in Senomyx and Trega Biosciences, and is responsible for the invention of FDA GRAS approved S336 taste modulator. Ming received his B.S. from Zhejiang University in 1988 and his Ph.D. from Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences in 1994. Ming spent his innovative and productive postdoctoral years with Kenan Professor Alan R. Katritzky at the University of Florida. So far he has co-authored 48 research articles, 12 patents & applications, and 4 technical reviews.



Delin (Derek) Ren, Ph.D. Vice President, Viva

Discussion Title: *“Viva Biotech Ltd, a place for the structure-based drug discovery and fragment-based lead generation”*

Dr. Ren serves as Vice President of Discovery Biology in Viva Biotech Ltd since 2009. Prior to join Viva, Derek had served at Warner-Lambert and Pfizer Global Research and Development for 11 years. His expertise spans the areas of diabetes, obesity, and inflammatory diseases. Over the years as a project leader, he has led multiple projects from idea to finding novel drug candidates. He has strong expertise in target validation, assay development, translational research, and clinically-relevant biomarkers for metabolic disorders. He led therapeutic area team in exploratory new target evaluation and new project initiation. As a disease expert, he also served on the Disease Focus Steering Team at Pfizer R&D. Derek graduated from Beijing Agricultural University. He received his Ph.D. in molecular and cellular biology from

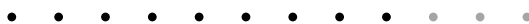
Michigan State University, followed with 3 years of postdoctoral research at Dr. Zach Burton’s lab at MSU. He published over 20 articles, including reviews and highly cited peer-review papers in leading scientific journals such as Gene & Dev., PNAS, and MCB, etc.



Hui Li, Ph.D. Head of Business Development, BioDuro, a PPD Company

Discussion Title: *“Drug discovery services in a changing environment”*

Dr. Hui Li is currently the head of Business Development at BioDuro, a PDD Company, where he is responsible from business strategy formulation to collaboration and partnership establishment. Of particular interest, Dr. Li is interested in combining enabling technologies with scalable services capability to support biotech and pharmaceutical companies in innovative drug discovery research. Prior to joining BioDuro, Dr. Li spent 10 years at Pfizer Global Research & Development, La Jolla Laboratories and has led research programs in a number of disease areas including oncology, metabolic diseases, anti-viral, and ophthalmology. He is a co-inventor of Filibuvir (PF-00868554), a Hepatitis C Virus polymerase inhibitor currently in phase II clinical trial and MS-553, an oral therapy for diabetic retinopathy, which has



been out-licensed to Ming Sight for clinical development in both US and China. Dr. Li obtained his B.S degree from Peking University and Ph.D in chemistry from University of California, San Diego. He was a founding member of the Sino-American Biomedical & Pharmaceutical Association (SABPA) in 2002, served as SABPA president from 2006 to 2008 and is currently the board chairman of SABPA.



Michael A. Foley, Ph.D. Director of the Chemical Biology Platform at the Broad Institute of MIT and Harvard

Presentation Title: *"Filling the Gap between Basic Research and Drug Discovery: the Broad Approach"*

Michael Foley joined the Broad Institute in 2006 as director of the Broad's Chemical Biology Platform. He brings extensive knowledge of chemistry and chemical technology, including techniques based on diversity-oriented synthesis (DOS) and medicinal chemistry. Under his leadership, the platform oversees all aspects of chemical libraries and high-throughput chemical screening at the Broad. The platform works to systematically create DOS libraries and develop new approaches to target identification for cell-based screens. Foley was a co-founder of Infinity Pharmaceuticals and served as Vice President of Chemistry from 2001 to 2006. He was also a co-founder of CombinatoRx Inc., and previously worked at Bristol-Myers Squibb and GlaxoSmithKline. He obtained his Ph.D. at Harvard, and helped establish the Harvard Institute of Chemistry and Cell Biology. Foley received a B.S. in chemistry

from St. Norbert College, an M.S. in chemistry from Utah State University, and a Ph.D. in chemistry from Harvard University.

Markus Warmuth, M.D. CEO of H3 Biomedicine

Presentation Title: *"Translating the Cancer Genome into Impactful Drugs"*

Dr. Markus Warmuth joined H3 Biomedicine as Chief Scientific Officer in August 2011 and became President and Chief Executive Officer on October 1, 2011. Markus brings significant experience in cancer biology, drug discovery and clinical oncology to H3. During his career as a pharmaceutical industry research executive, he has successfully built and shaped oncology research groups and portfolios.

Prior to joining H3, Markus was Head of Oncology Drug Discovery for the Novartis Institute for Biomedical Research (NIBR), Cambridge (U.S.) Site. There, he oversaw a significant part of NIBR's global oncology drug discovery portfolio from target discovery to clinical development. Markus studied and received his doctorate in Medicine from the Ludwig-Maximilians-University of Munich, Germany. He trained in Internal Medicine and Oncology at the University

of Munich. From 1998 to 2002, he had an appointment as a principal scientist with the "Clinical Cooperation Group Signaling" at the German National Research Center of Environment and Health (GSF), where he studied the mechanism of action of and resistance to multiple small molecule kinase inhibitors in leukemia and lymphoma. From 2002 to April 2008, Markus worked at the Genomics Institute of the Novartis Research Foundation (GNF), San Diego, where he was Director of Kinase Biology, Head of the Oncology Pharmacology Program and a member of GNF's Research and Drug Discovery Steering Committee.

Daniel M. Bollag, Ph.D. SVP Regulatory Affairs & Quality, ARIAD Pharmaceuticals

Presentation Title: *"Planning and Challenges for Development of Innovative Drugs: the ARIAD Experience"*

Daniel Bollag has served as Senior Vice President, Regulatory Affairs & Quality since January 2009. He previously served as Vice President, Regulatory Affairs, for Genzyme Corporation. Earlier, Dr. Bollag was Associate Vice President, Global Regulatory Domain Head at Sanofi-Aventis Pharmaceuticals. Dr. Bollag also served as Director, Project Planning and Management at the Bristol-Myers Squibb Pharmaceutical Research Institute. Previously, he held research and project management positions at Merck Research Laboratories. Dr. Bollag completed a post-doctoral fellowship at Princeton University, and received his Ph.D. degree in Biochemistry from Cornell University. He earned his B.S. degree in Science and B.A. in French at Pennsylvania State University.

Steve Hale, Ph.D. Vice President, Ensemble Therapeutics Inc. VP of Drug Discovery and Screening.

Presentation Title: *"Solution to "Tough-to-Drug" Targets: Integrated Discovery Engine of Macrocycles, DNA-Programmed Chemistry, Affinity-Based Selections & Next Generation Sequencing"*

Dr. Hale leads the development of Ensembles preclinical pipeline and is one of the architects of the strategy to explore macrocyclic compounds as therapeutics against hard-to-drug protein:protein interaction targets; in this capacity he is responsible for Ensembles lead inflammation program focused on a series of first-in-class macrocyclic antagonists. Prior to Ensemble, Dr. Hale was most recently Senior Director Lead Discovery at Praecis Pharmaceuticals. He was a key inventor of the Direct Select drug discovery platform that facilitated the acquisition of Praecis Inc. by GlaxoSmithKline plc. He was a founding scientist at Phyllos Inc. and held positions of increasing responsibility in the protein therapeutic and microarray areas. He received his Ph.D in biochemistry from the University of Maryland under Professor John Gerlt and was a NIH post-doctoral fellow at the MIT under Professor Paul Schimmel.



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Frank Feist, MBA, M.S. CEO, Advalytix

Frank co-founded NobleGen to commercialize the next generation sequencing technology developed by Boston University Professor Amit Meller, a top-NIH funded nanopore scientist. As CEO, Frank wrote the business plan, recruited a team, and raised funding. Previously, Frank built the North American business of German venture-funded start-up Advalytix. Advalytix makes and sells single cell molecular analysis and microfluidics solutions for clinical R&D and was acquired by Olympus in 2005 and sold to Beckman Coulter in 2009. Previously, Frank was a Partner with PolyTechnos Venture-Partners, a German venture capital firm with EUR200m under management, a strategy consultant with Mercer Management Consulting in Boston and Munich, and a Senior Engineer with Ericsson in Montreal. Frank earned a MS in Electrical Engineering as a Fulbright scholar at the University of Massachusetts, Amherst in 1992, and an MBA from the MIT Sloan School of Management in 1997.



Gangfeng Xu, MBA, Ph.D. Divisional Vice President, Corporate Licensing & Acquisitions with Abbott Laboratories.

Dr. Gangfeng Xu is a seasoned business leader with more than two decades of experience in the healthcare industries. Currently he is a Divisional Vice President, Corporate Licensing & Acquisitions with Abbott Laboratories. Based in Shanghai, he leads Abbott's business development activities in China for all business divisions, including pharmaceuticals, nutrition, medical devices, and diagnostics. Prior to joining Abbott, Dr. Xu was an Assistant Vice President and Head of Licensing & Business Development for Wyeth Asia-Pacific. In this role, he led Wyeth's company-wide business development efforts for the Asia-Pacific region. Before joining Wyeth, Dr. Xu was an Engagement Manager at Accenture, a leading global consulting and technology company. As a management consultant, he advised senior executives in pharma/biotech companies in developing business growth strategies and implementing transformation initiatives to improve R&D productivities and operations efficiency. Dr. Xu received his advanced

degrees in the US: an MBA from Kellogg School of Management, Northwestern University in Chicago, and a Ph.D. in human genetics from the University of Utah. He completed his postdoctoral training at Harvard Medical School and Dana-Farber Cancer Institute in Boston, USA. He received a BS in biology from Fudan University in China.



Lauren Celano, MBA Co-founder and CEO of Propel Careers

Presentation Title: *"Overview of Life Sciences Career Opportunities and what companies are looking for when hiring"*.

Lauren Celano is the co-founder and CEO of Propel Careers, a life science search and career development firm focused on connecting talented individuals with entrepreneurial life sciences companies. Propel works with current leaders and actively cultivates future leaders through full time placement, internships, mentoring, career coaching, and networking. Propel Careers is engaged across all areas of life sciences, including therapeutics, medical devices, healthcare IT, diagnostics, consulting, venture capital, and investment banking. Prior to Propel Careers, Lauren was a senior account manager for SNBL USA where she worked with emerging biotech companies in Europe, Asia, and the US to help characterize and advance their drug molecules. Prior to SNBL USA, she held business development positions with Aptuit and Quintiles, where she focused on IND enabling studies to advance therapeutics from discovery into the clinic. Earlier in her career, Lauren held positions as a marketing manager and account manager at Absorption Systems, where she was responsible for managing life sciences companies in the northeastern United States. She has a B.S. in Biochemistry and Molecular Biology from Gettysburg College and an MBA with a focus in the health sector and entrepreneurship from Boston University. Lauren is on the membership committee of the Boston Chapter of the Healthcare Businesswomen's Association and she also serves on the programming committee of the Capital Network.



Lixin Shen, Ph.D. President and CEO, Wuxi Howfond Biopharma Co., Ltd.

Dr. Lixin Shen currently serves as the president and chief executive officer of Wuxi Howfond Biopharma Co., Ltd. Dr. Shen obtained his Ph.D. from University of Waterloo in 1999 and M.S. from University of Toronto in 1995. Dr. Shen has worked in both public and private companies, and ranked from senior scientist to vice president before the current position. He has a broad range of experiences such as drug discovery and development, project and technology management, and business development and company management in both USA and China. Dr. Shen also served as the president of Sino-American Pharmaceutical Professionals Association – New England from 2004 to 2005 and chairman of its executive advisory committee from 2005 to 2006. Recently he has served as co-founder and managing member of Chinese-American Bio-Medical Association since its foundation.



Joshua Zhang, M.D., Ph.D. Senior Medical Director, ARIAD Pharmaceuticals

Prior to ARIAD, Dr. Zhang was Sr. Medical Director at AVEO Pharmaceuticals and Sr. Director of Medical Affairs Oncology at Sanofi-Aventis. He was the Director and Head of Medical Affairs and Drug Safety at Otsuka Pharma USA and Clinical Project Leader at Merck. Dr. Zhang has over 12 years of experience in new drug development and clinical research with various large international pharmaceutical and biotech companies. His industrial experience spans from clinical research, drug safety and medical affairs to clinical operations and project management. Dr. Zhang completed his medical school and surgical training in China and earned his Ph.D. degree at Temple University School of Medicine in Philadelphia, PA, USA. He is an active member of American Society of Clinical Oncology and author of over 20 publications.



Mark Bunnage, Ph.D. Head of Chemistry, Biotherapeutics Research, Pfizer

Presentation Title: *“Chemical Probes for Epigenetics”*

Mark studied chemistry at the University of Durham, graduating in 1990. Mark then undertook his postgraduate studies with Professor S G Davies at the University of Oxford, followed by a move to The Scripps Research Institute, La Jolla, California to work with Professor K C Nicolaou as a NATO postdoctoral fellow. In 1996, Mark returned to the UK to join Pfizer as a medicinal chemist in their research laboratories in Sandwich, Kent. Over the past 16 years at Pfizer, Mark has had a number of roles of increasing responsibility and in November 2010 became Executive Director, Head of Medicinal Chemistry, Sandwich Laboratories. In April 2011, Mark was appointed Vice President, Head of Chemistry, Biotherapeutics Research at Pfizer and is now based in Cambridge, USA. Mark has broad interests in Drug Discovery, is an author or inventor on over 50 publications and patents, and is a member of the editorial board of MedChemComm.



Chiang J. Li (李嘉强) M.D. FACP, Chairman, CEO and Chief Medical Officer, Boston Biomedical, Inc.

Presentation Title: *“Building an Innovative Biotech: Lessons and Secrets”*

Formerly, Dr. Li was the Chief Scientific Officer & Executive Vice President of ArQule Inc (NASDAQ: ARQL). He has also served as the founder or co-founder of Cyclis Pharma (acquired), ArQule Oncology (Nasdaq:arql), Cequent Pharma (acquired), and Boston Biomedical Inc. (private). Boston Biomedical is being acquired by Daiippon Sumitomo Pharma for up to \$2.63 billion.

Dr. Li has over 60 inventions and has translated a number of his medical innovations to patients for the treatment of cancer, and other life threatening disorders. Examples include: 1) BBI608, a first-in-category cancer stemness inhibitor, Phase III ready; 2) BBI503, a first-in-category cancer stemness kinase inhibitor, Phase I trials; 3) Tivantinib (ARQ197), a first-in-class c-Met inhibitor with a class-leading profile and exciting clinical activities for lung cancer and liver cancer, in global Phase III trials; 4) TransKingdom Gene Silencing Technology, bacteria-based gene silencing, in Phase I/IIa trials (the first oral gene silencing clinical trial to be cleared by FDA); 5) aiRNA Technology, the sole recipient in the healthcare industry in 2010 of the North American Technology Innovation of the Year Award (Frost & Sullivan). aiRNA technology is considered a potential game-changing innovation by world-leading experts in multiple commentary articles.

Dr. Li and his work have received a number of recognitions including: Magna Cum Laude (Harvard); Merck Scholar (MIT); Lyman and Grew Scholar (Harvard); Richard Smith Award; Top Ten Most Outstanding Papers of the Year (field of cell cycle, 2003); America's Top Physician (US Consumer Council); Directly Elected Fellow (American College of Physicians); 2008 GRL Biotechnology Award (Korean Ministry of Science and Technology); Distinguished Professor (Dongguk University, South Korea); Best Business Practice Award (Frost Sullivan), Biotech Pioneer (Alexandria Oncology Summit). Dr. Li has been interviewed by leading publications (Science, Nature, etc) regarding biotech R&D. He has also been invited as a guest by the Central Government of China to attend the 60th Anniversary Celebration of the People's Republic of China.

Dr. Li graduated from the Harvard-MIT Division of Health Science and Technology, received his M.D. from Harvard Medical School, completed his residency and fellowship at Brigham & Women's Hospital/Dana-Farber Cancer Institute and Beth Israel Deaconess Medical Center, and conducted postdoctoral research under Prof. Arthur B. Pardee at Harvard Medical School. In addition, Dr Li has received executive education at Harvard Business School. He also serves as co-Director of the Skip Ackerman Center for Translational Medicine at Beth Israel Deaconess Medical Center/Harvard Medical School, and has published numerous highly cited articles in top leading journals.



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Chinese-American BioMedical Association (CABA) 美 中 生 物 医 药 协 会

- 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 services;
- 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 pharmaceutical therapeutics.



About CABA

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 potentials.

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 for its members.

CABA Mission

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

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