## AAAS Biotechnology Luncheon

**Wednesday, November 3, 2010, 11:30 AM – 1:00 PM**  
**Drug Information Center: College of Pharmacy**

### AIKO Biotechnology

AIKO Biotechnology, Inc. ("AIKO") is an early stage drug discovery company founded to characterize and validate therapeutic candidates for the management of pain, addiction, and adverse side effects resulting from prescription opioid pain reliever use. AIKO’s lead drug candidates will significantly increase safety and efficacy of opioids that are used by millions of pain sufferers and will offer safer, more effective treatments for opioid overdose and various addictions than any compounds currently available. Led by co-founders Drs. Wolfgang Sadée and Edward Bisly, AIKO’s value lies in the expertise of its scientific team and their unique ability to conceptualize and evaluate drug candidates using a variety of sophisticated cellular assays and animal models.

http://www.aikobiotech.com/index.shtml

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### Aristea Translational Medicincne Corporation

Aristea Translational Medicine applies research grounded error-management to the planning and execution of neuropsychiatric drug developments. Aristea Preemptive Error Management derives from research initiated by various investigators at the end of the 20th century. These investigators hoped to better understand high rates of failures for neuropsychiatric drug developments and problems encountered by medical practitioners optimizing prescriptions of FDA approved drugs for individual patients. Drawing from the risks to drug developments identified by researchers in the last two decades, at this Symposium Aristea announced its two armed program of response: Preemptive Error Management in planning, executing, monitoring, and analyzing FDA qualified neuropsychiatric drug developments, and; applications of this guidance to Aristea's development of amyloid precursor protein synthesis inhibitors as drugs able to slow or arrest the progression of dementia in Alzheimer’s disease and other amyloid- and tauopathies. With these efforts Aristea intends to replace all too prevalent Alzheimer's and other neuropsychiatric drug development failures with successes that better serve the practitioner and patient.

http://aristeatranslationalmedicine.com/Contact_Us.html

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### City of Biddeford: City Manager’s Office

The city manager shall be the chief administrative officer of the City of Biddeford, and shall be responsible for the day-to-day administration of the affairs of the city in accordance with the provisions of this Charter and for implementing policies as set and established by the city council. The manager will report to and receive policy guidance from the mayor and the city council, will appoint, or remove, after consultation with the mayor and confirmation by the city council, all department heads and subordinate officers provided for in this Charter, direct and supervise the administration of all departments, offices and agencies of the city, and evaluate the performance of all subordinates yearly. The city manager will attend all meetings of the city council, and report to the mayor and council upon inquiry, see to the enforcement of all laws and ordinances of the city and of the provisions of this Charter and carry out the lawful directives of the city council personally or through subordinate officers. They will prepare the annual municipal budget to be presented to the finance committee, will submit to the mayor and city council annually complete reports of the fiscal and administrative activities of the city as of the end of the fiscal year and make such reports and recommendations as the mayor and council shall require, and will perform all other duties as assigned by the mayor and city council.


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<tr>
<td>John D. Bubier, City Manager</td>
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Clear H2O

ClearH2O is a Maine-based technology company meeting the needs of leading industry researchers and breeders with products that hydrate, nourish and enrich research animals. A strategic partnership with food and nutritional scientists allows us to provide cost-effective solutions to address unmet market demands, while saving time and labor. ClearH2O gels are always consistent, eliminating nutrition and hydration variables in research.

http://www.clearh2o.com/contact.php

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Exodos Life Science Partners

Exodos Life Sciences is a pharmaceutical development company that focuses on advancing new product concepts through the 505(b)(2) process to early clinical proof of principle followed by asset (project) sale. Exodos has adopted a semi-virtual model to control costs and advance projects by utilizing its experienced team and on-call external pharmaceutical experts and partners. This allows the company's management to precisely tailor project needs with the right level of expertise and/or key opinion leaders with influence at the FDA, academic medicine centers, and at the level of the payer (insurance company/government).

http://www.exodosls.com/

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FHC

FHC designs, manufactures, and internationally markets quality products for neuroscience, the study of the brain and nervous system, and neurosurgical research. Our neuroscience customers are scientists studying at major universities, medical schools, research hospitals, government research institutions, and private laboratories located at pharmaceutical, biotechnology, and major technology-based companies around the world. We endeavor to create a collaborative relationship with our customers and have adopted the term "Needlecraft" to describe the process. Neurosurgeons use our equipment for intraoperative microelectrode recording and stimulation so as to map the electrical activity of human brain in order to precisely locate dysfunctional areas prior to removing or modifying them. We have established microTargeting™ as our trademark for this technology, which recently has found increasing use in the treatment of Parkinson’s symptoms and other movement disorders.

http://www.fh-co.com/

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Furman Gregory Deptula, LLC

Furman Gregory Deptula was established to provide emerging growth companies with experienced business and legal advice that jump-starts your enterprise. With over 80 years of combined experience and strong proven backgrounds in venture capital, finance, accounting, real estate, health care, technology, intellectual property, licensing, business formation, strategic alliances, mediation, litigation, regulatory and employment law, Furman Gregory efficiently solve business problems that arise every day. The Furman Gregory Deptula philosophy is to provide prompt, cost effective and timely business guidance to our clients, customized to their business needs. It gives clients the support and confidence they need to focus on their business. It utilizes its networks of venture firms and other sources of capital as well as outside experts to develop, safeguard and secure your intellectual property and other assets that are fundamental to the successful development of your business.


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Inverness Medical Innovations
A great deal of our research and development efforts are directed towards discovering new biomarkers that will allow better management of various chronic conditions. We establish these markers in clinical practice first, amongst relevant specialists and hospital based physicians. We then bring these new markers to the attention of internists and family practitioners for general use with their patients. Finally, as acceptance and understanding of the new marker expands, we develop an easy to use test that can be performed by a patient at home under remote medical supervision. Our primary areas of interest are in cardiology, women's health, infectious disease, oncology and drugs of abuse, and we see exciting opportunities to develop innovative health management programs supported by advanced diagnostic and monitoring tools which will help people involved with these conditions to better look after themselves.


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Lighthouse Clinical Development
Lighthouse Clinical Development is a consulting firm specializing in helping the pharmaceutical/biotechnology industry plan strategies for clinical development. Its services include designing clinical protocols, CRFs, databases and clinical study reports as well as finding and selecting clinical investigators and aiding in negotiations with the FDA and other regulatory agencies.

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Maine Medical Center Research Institute
The Maine Medical Center Research Institute (MMCRI) has grown from a major re-evaluation of the research mission that took place in 1991. Since then there has been steady growth of this research enterprise. As the home of research at Maine Medical Center, the Research Institute strives to provide a growing, visionary, and nurturing environment for scientists. Core strengths are molecular biology and genetics, outcomes and health services research, and clinical research. Because MMCRI plays such an important role in the academic environment of MMC it is uniquely valued in the MMC community.

Biomedical research is integral to excellence in medical care. The mission of research at Maine Medical Center is to foster inquiry among our clinicians; support rigorous, focused scientific investigation; teach health care providers to engage in biomedical research; and bring beneficial discoveries to our patients, our community, and our world.

http://www.mmcri.org/admin/

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Maine Natural Health
Maine Natural Health was founded by pharmaceutical and medical scientists who have decades of experience in the study of chronic disease. We have used this knowledge to design and develop nutraceuticals that have a positive effect on your health and well-being. Our key products are OmegaMaine and MainerWhey supplements. Both products are from natural sources; the OmegaMaine is omega-3 oil from finely processed fish oil and the MainerWhey contains whey protein derived from milk. Used together, these products will contribute to your overall health by reducing inflammation and increasing muscle mass.


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**Maine Office of Innovation**

The Office of Innovation was established in 2004 by the Maine Legislature to "encourage and coordinate the State's research and development activities to foster collaboration among the State's higher education and nonprofit research institutes and the business community." The Office of Innovation develops and leads the implementation of the science and technology plan and annual progress reports in coordination with the Maine Innovation Economy Advisory Board; oversees the Maine Technology Institute (MTI) and the related Research and Development Bond Funds which MTI administers; manages the Technology Centers, the state's technology incubator system; evaluates Maine's public investments in research and development through the annual Innovation Index and Comprehensive Research and Development Evaluation; and manages the Maine Experimental Program to Stimulate Competitive Research (EPSCoR) with the University of Maine and the Maine Innovation Economy Advisory Board (MIEAB) that also serves as the EPSCoR Coordinating Committee to strengthen Maine's research infrastructure through access to federal funds.


**Contact Information:**

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**Maine Technology Institute (MTI)**

The Maine Technology Institute (MTI) invests in promising technologies by funding research and development projects in the state’s seven technology sectors. MTI's competitive awards bring new products, services and processes to the market, generating high-quality jobs across Maine. MTI is a private, non-profit organization created and funded by the state of Maine. It is governed by a Governor-appointed Board of Directors made up of industry leaders and representatives of key public agencies. MTI offers an extensive list of business resources in its professional directory to help connect Maine entrepreneurs, academic institutions, non-profits, and specialized consultants.

[http://www.mainetechnology.org/](http://www.mainetechnology.org/)

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**Marine Ecological Habitats**

Marine Ecological Habitats designs and builds the best self-contained marine environmental systems available. We utilize the highest-quality American-made cast acrylic and our craftsmanship is unmatched. We design the water quality control systems in our products to exacting specifications, providing the best possible environment for each specific use. Unlike many of our competitors’ products, all of the systems we build contain parts that will not rust, corrode or delaminate. Our filtration systems use the finest biological, chemical and particle removal process in the industry, providing a healthier environment for both marine life and people who use the equipment.


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**Manufacturers Association of Maine**

The Manufacturers Association of Maine is a statewide industry association representing manufacturing, corporate, affiliate and student members. Its mission is to work for economic, financial, educational and business prosperity for all members and workers. Services include networking opportunities, educational and professional workshops, and business-to-business contract services opportunities, making it an apex for a variety of industries in the state.


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NewComm Advisors
NewComm Advisors is a corporate communications and investor relations advisory firm. NewComm Advisors is a subcontractor to Pure Communications, Inc.. Current life sciences clients include innovative companies in the areas of: molecular diagnostics and imaging, medical devices, small molecule and antibody-based cancer therapeutics, pain therapeutics, vaccine manufacturing. Clients current and/or past: Achaogen, Inc., Advanced Magnetics, Inc.; ARIAD Pharmaceuticals, AVEO Pharmaceuticals, Concert Pharmaceuticals, Dicerna Pharmaceuticals, Gemin X Pharmaceuticals, IDT Biologika, GmbH, Infinity Pharmaceuticals, InfraReDx, Inc., Lantheus Medical Imaging, Predictive Biosciences, NitroMed, Inc., Substructure, Inc.

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North Dam Mill
North Dam Mill occupies three connected, well-preserved brick buildings perched above the banks of the beautiful Saco River, at the gateway to Biddeford’s Main Street and downtown. The development is becoming a community that, when fully realized, will include dining, retail and services, a fitness center complete with locker rooms, conference and meeting space, and cultural and arts space. Capitalizing on the national trend of young entrepreneurs and empty-nesters moving back into urban centers, North Dam Mill envisions a vibrant community under one roof that ties into the growing creative economy around Biddeford and Saco.

http://www.northdammill.com/

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Portland Public Health Division
Portland Public Health Division consists of five broad program areas: Environmental Health & Safety, Family Health, Health Promotion and Chronic Disease Prevention, Infectious Disease, and Research & Data. These areas cover initiatives ranging from substance abuse prevention to emergency preparedness and infectious disease control to physical activity and nutrition. The mission of Portland’s Public Health Division is to improve the health of individuals, families, and the community through disease prevention, health promotion and protection from environmental threats. Public Health works to protect and improve Portland’s well-being by preventing disease, illness and injury.

http://www.portlandmaine.gov/hhs/health.asp

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Sea Run Holdings
The Sea Run Holdings is a marine biotechnology company that develops and discovers biologics and therapeutics from the blood of farmed salmon. The company has found proven benefits from the blood for central nervous system. They have found uses of the proteins thrombin and fibrinogen in treating injured central nervous systems because these proteins are similar in both humans and salmon. There have been no adverse symptoms from recipient animals. The Sea Run Holdings created three separate fibrin products: SEA-STAT®CNS, SEA-STAT®HM, and SEA-STAT®SL. Each has proven effective in improving injured spinal cords and traumatic brain injuries and in fibrin formulation.

http://www.searunholdings.com/about.shtml

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University of New England: Center for Excellence in the Neurosciences

Making further progress in the prevention and effective treatment of neurological disease requires a multidisciplinary approach to research (basic science and clinical), education, and health-professional training. The center is aggressively working to build on its strengths in the basic neurosciences by expanding extramural collaborations with both public and private non-profit institutions, as well as with private for-profit companies in the state and region. Several UNE faculty members are already collaborating with many of these groups and also have professional contacts with the others.

www.une.edu/research/cen

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University of New England: College of Pharmacy

The mission of the College will be to provide an outstanding environment for the teaching-learning process to effectively deliver a contemporary pharmacy curriculum designed to graduate competent practitioners for the state of Maine and the nation. Additionally, the College will establish and maintain an active and productive research enterprise for the discovery of new knowledge in the laboratory and in the patient care setting. The College will also cultivate and nurture in its students the value and need for a commitment to life-long learning, community service, and social responsibility.

www.une.edu/pharmacy

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