

Company Information**BioForce Nanosciences Inc (OTC) Symbol:BFNH****Headquarters**

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Industry Classification: Enabling/ Drug Discovery Technologies > Nano and In-Silico Biology**Business Summary**

BioForce Nanosciences Inc is a nanotechnology company that develops and commercializes nanotech instruments, consumables and applications for the life sciences. It was founded by Eric Henderson. The company is a wholly owned subsidiary of BioForce Nanosciences Holdings, Inc.

BioForce Nanosciences' technology portfolio includes flagship instrument platform, the Nano eNabler™ system. Its Nano eNabler™ system is a highly flexible molecular printer that can dispense minute volumes of liquid at defined positions to create patterns of spots or lines with high spatial accuracy. The Nano eNabler system rapidly and precisely delivers liquids to surfaces such as silicon chips in droplets that are ten billion times smaller than a drop of blood. Its eNabler™ system is based on proprietary FEMTO (Fluidics Enhanced Molecular Transfer Operation) process. The core of the Nano eNabler system is a compact precision motion control platform mated to a microfabricated surface patterning tool (SPT™) with integrated microfluidics. Molecules to be printed are loaded into the SPT™ reservoirs by pipet for the ultimate in simplicity. Its Nano eNabler system has a wide range of applications that include: cell patterning, biosensor functionalization, biomarker screening, drug discovery, small volume bioassays, and virus detection.

BioForce Nanosciences has developed SPT™ surface patterning tool which is the molecular ink cartridge of the Nano eNabler™ molecular printer. Each SPT™ print cartridge is a microcantilever-based micro-fluidic handling device. The company's ProCleaner™ utilizes UV and ozone to clean molecular contaminants from probes and other surfaces. The company's ViriChip™ Virus Detection platform is a platform for fast, sensitive and non-destructive virus detection. The platform consists of a silicon chip functionalized with an ultramicro array of antibodies using the Nano eNabler, and a detection system based on atomic force microscopy. Its Cyto eNabler™ system is a multifunctional surface patterning platform for dispensing attoliter to femtoliter volumes of biomolecules, nanoparticles and other liquids onto a wide variety of surfaces. The company also offers Sindex™ chips that provide a smooth, flat, silicon surface with indexed locations at the micro scale for easy sample location and relocation.

BioForce Nanosciences has agreements with University Pierre & Marie Curie, National Center for Scientific Research (CNRS), Aspera Corporation, Georgia Institute of Technology, Fort Dodge Animal Health, etc.

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Management Profile

Eric R. Henderson -- Chairman, Founder and Chief Scientific Officer

Henderson founded BioForce Nanosciences while serving as Professor of Genetics, Development and Cell Biology at Iowa State University in Ames, Iowa. He is an internationally recognized scientist with a strong track record of attracting SBIR grants . He was one of the first to integrate atomic force microscopy with bionanotechnological research and has pioneered the development of many AFM applications in the life sciences applications. His work has appeared in over 91 publications including the cover of Science magazine and numerous other peer reviewed journals. Henderson has 10 years of experience in developing the scientific vision, IP strategy and business plan execution pathway of the Company.

Kerry Frey -- Chief Executive Officer, President and Director

Kerry Frey is an accomplished senior executive with over 30 years of broad-based management and operational experience. He has served as President/Chief Operating Officer of Medisys Technologies; and Vice-President of Sales and Marketing for a division of Johnson & Johnson. Mr. Frey has a proven track record of experience including business development, implementation and achievement of strategic plans and objectives including company structure, financing, research and development, marketing, sales, manufacturing, and distribution.

Gregory D. Brown -- Chief Financial Officer

Gregory D. Brown has been BioForce Nanosciences' Chief Financial Officer (CFO) since January 2007. As CFO, he is responsible for all company accounting and finance practices, including its financial strategy, public company compliance requirements and fundraising. He has extensive experience with management of early-stage technology companies and dealing with the institutional investment community. His 23 year professional career has included international technology-related venture capital experience with Residex Ventures and Equity Dynamics, and financial and operational executive roles with technology and healthcare firms BidRx, Metrix and Patient Infosystems.

Larry Gold -- Director

Dr. Gold joined the Board in 2005, is CEO and Chairman of the Board of SomaLogic, Inc. of Boulder, Colorado. Dr. Gold is an internationally recognized scientist and company founder, with multiple patents and publications to his name. Dr. Gold founded Synergen, Inc. in 1981, and NeXstar Pharmaceuticals Inc. a number of years later, prior to assuming his position at SomaLogic. Dr. Gold has a fundamental understanding of the requirements for success in biobusiness, including both financing and technology commercialization.

Jean-Jacques Sunier -- Director

Jean-Jacques Sunier has extensive experience as a portfolio manager and equity analyst in the biotechnology, medical devices and semiconductor sectors. A dual U.S./Swiss citizen, Mr. Sunier began his career in the securities and private banking business, and has held positions at Arnhold and S. Bleichroeder in New York and Pictet & Cie in Geneva, where he was a founder of the Pictet Biotech Fund.

Mike Dunham -- Director

Virgil Elings -- Scientific Advisory Board Member

Dr. Virgil Elings founded Digital Instruments, Inc. to undertake commercialization of Scanning Probe Microscopes with a critical relationship with Dr. Paul Hansma at UC Santa Barbara. Dr. Elings has co-founded additional successful enterprises in the nanotechnology sector such as Nanodevices and New Nano. Dr. Elings has a Ph.D. in Physics from MIT.

Rich Kaiser -- Secretary

Jan Hoh -- Scientific Advisory Board Member

Dr. Jan Hoh has made several fundamental contributions to the field of scanning probe microscopy, in particular as it applies to biophysics and biology. He has published widely and is an internationally recognized expert in this area.

Peter Schwartz -- Scientific Advisory Board Member

Dr. Peter Schwartz is a biophysicist who contributed to the initial understanding of the process by which molecules are transferred from an AFM probe onto a solid surface. He was a member of the Mirkin lab at Northwestern University when the first "dip-pen nanolithography" experiments were carried out.

Kambiz Pourrezaei -- Scientific Advisory Board Member

Dr. Kambiz Pourrezaei is a founding member and co-director of the Nanotechnology Institute (NTI) and professor of biomedical engineering and Director of Strategic Initiatives at the School of Biomedical Engineering, Science, Health Systems at Drexel University.

Recent News

Company Announcements

10/07/2014 -- Bioforce nanosciences, Inc. Begins Sales Of Their New Nano Enabler

On October 6, 2014 BioForce Nanosciences, Inc. announced that it recently completed the installation of the newest version of its groundbreaking Nano eNabler Benchtop Molecular Printer. With increased optical resolution, state of the art computer hardware and Windows 8.1 operating system, the Nano eNabler will provide expanded capabilities for the research market. The Nano eNabler is the only system capable of femtoliter (10⁻¹⁸ to 10⁻¹⁵ liter) volume printing within the scientific research community. The ability to print a variety of molecules from protein and DNA to colloidal metals and nano-particles make the Nano eNabler a unique instrument.

06/25/2014 -- Bioforce Nanosciences, Inc. Unveils New Molecular Printer

On June 24, 2014 BioForce Nanosciences, Inc. announced the release of the highly anticipated Nano eNabler 5.0 Molecular Printer. The new system is based on the company's established Nano eNabler line of instruments and features state of the art computer hardware, Windows 8.1 operating system, enhanced optical resolution, and other updated components and features. With units in service around the world, the robust Nano eNabler is a unique molecular printer that has provided functional flexibility for a wide range of research and commercial uses for over eight (8) years.

01/09/2014 -- BioForce NanoSciences Adds Sixth Continent to Export List

On January 8, 2014 BioForce Nanosciences, Inc. announced that despite continued fluctuation within global markets, the company recently added Africa to the list of continents upon which they conduct business. BioForce made their announcement on the heels of U.S. Secretary of Commerce Penny Pritzker's recent revelation that just 1% of all U.S. companies export products internationally, and of that small percentage, 60% export to only one country.

11/20/2013 -- Bioforce Nanosciences Embraces A Virtual Business Model To Accommodate International Business Growth

On November 19, 2013 Since its emergence from financial restructuring, BioForce Nanosciences has realized a newly invigorated demand for its durable and consumable products. The company, which specializes in molecular printing and cleaning instruments, took the increased demand as a sign that it needed a new business model to better meet the needs of this growing customer base. Like many companies moving to respond to increased demands that extend internationally, BioForce Nanosciences dispensed with the traditional brick and mortar business model in favor of a tightly integrated network of operation.

Deals and Alliances

09/10/2013 -- Bioforce Nanosciences, Inc Expands Its Global Market

On September 9, 2013 BioForce Nanosciences, Inc announced the addition of Acugenex Limited ("Acugenex") to BioForce's international network of partners and distributors. The partnership will help BioForce increase its market share, support capabilities and manufacturing to Europe, the Middle East, Africa and parts of Asia.

11/02/2012 -- BioForce Nanosciences Partners With Logical Products, Inc.

On November 1, 2012 BioForce Nanosciences announced that it recognized its one-year business relationship with Logical Products Incorporated ("LPI"), an ISO 9001 OEM manufacturer of electronic and scientific products and equipment. LPI has produced and processed over 100 of BioForce's ProCleaner UV/Ozone cleaners to the highest quality standards of an ISO 9001 facility.

Product Updates

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04/19/2012 -- BioForce Nanosciences Announces New Nano eNabler System Sales

On April 18, 2012 BioForce Nanosciences, Inc announced the sales of Nano eNabler Systems to the Indian Institute of Technology (IIT) and to Michigan Technical University earlier this year. These prestigious institutions will be utilizing the unique capabilities of the Nano eNabler for various scientific molecular printing projects.

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