



NeoStem Files Patent Application for Stem Cell Face Lift Technology, Opens New Stem Cell Collection Center

NEW YORK, May 4, 2009 -- NeoStem, Inc. (NYSE Alternext US: NBS), which is pioneering the pre-disease collection, processing and long-term storage of adult stem cells for future medical need, has filed a patent application claiming the proprietary stem cell technology of Dr. Vincent C. Giampapa, M.D., F.A.C.S. relating to cosmetic facial rejuvenation, which NeoStem first licensed in February 2009.

NeoStem will open its newest stem cell collection center at the Giampapa Institute for Anti-Aging Medical Therapy in Montclair, New Jersey, having received the State's approval of an operating license. Together, these events significantly advance NeoStem's leadership in the anti-aging and regenerative medicine arena.

Dr. Giampapa, director of the Giampapa Institute for Anti-Aging Medical Therapy, is a board-certified plastic reconstructive surgeon and Assistant Clinical Professor of Plastic and Reconstructive Surgery at the University of Medicine and Dentistry of New Jersey and is one of the first certified anti-aging medical physicians in the world. His research and technology comprise a non-surgical procedure for complete facial rejuvenation that involves injecting pluripotent cells, including stem cells, into the skin of individuals whose skin has lost its firmness and texture due to age. The pluripotent cells stimulate the growth of various cells in the skin, leading to the restoration of the skin's firmness and texture. The procedure can be accomplished under local anesthesia in an office setting and typically requires only a week of recovery time.

"NeoStem is very focused on acquiring technologies related to stem cell therapies," stated Robin Smith, M.D., MBA, NeoStem's Chief Executive Officer. "We are especially delighted to strengthen our relationship with Dr. Giampapa, as anti-aging has long been a core pursuit of our company. Pursuing a patent for stem cell facial rejuvenation technology while launching a new NeoStem collection center at the Giampapa Institute creates a particularly advantageous moment for NeoStem. Just last week, the Food and Drug Administration announced that Botox and similar anti-wrinkle drugs must now carry "black box" warning labels explaining the potential of these materials to spread from the injection site to distant parts of the body, creating possible problems with swallowing or breathing. People worldwide can be expected to seek safer

alternatives, and NeoStem believes that the use of autologous stem cells procedures may in fact be the effective, safe and non-invasive alternative”

About NeoStem, Inc.

NeoStem is developing a network of adult stem cell collection centers that are focused on enabling people to donate and store their own (autologous) stem cells when they are young and healthy for their personal use in times for future medical need. The Company has also recently entered into research and development through the acquisition of a worldwide exclusive license to technology to identify and isolate VSELs (very small embryonic-like stem cells), which have been shown to have several physical characteristics that are generally found in embryonic stem cells.

For more information, please visit: www.neostem.com.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements reflect management's current expectations, as of the date of this press release, and involve certain risks and uncertainties. The Company's actual results, including the successful closing of the Shandong transaction, the realization of the potential strategic benefits of the transaction and the realization of potential benefits from the acquisition of its new licensed technology, could differ materially from those anticipated in these forward-looking statements as a result of various factors. Factors that could cause future results to materially differ from the recent results or those projected in forward-looking statements include the "Risk Factors" described in the Company's periodic filings with the Securities and Exchange Commission. The Company's further development is highly dependent on future medical and research developments and market acceptance, which is outside its control.

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