



Press Release

Biocon Collaborates with Advaxis for 'ADXS-HPV' A Novel Cancer Immunotherapy

Bangalore, India and Princeton, New Jersey – January 22, 2014

Biocon Ltd., (BIOCON.BO), Asia's premier biotechnology company, and Advaxis, Inc., (NASDAQ: ADXS), a leader in developing the next generation of cancer immunotherapies, announced today that they have entered into an exclusive licensing agreement for co-development and commercialization of **ADXS-HPV**, a novel cancer immunotherapy for the treatment of human papillomavirus (HPV)-associated cervical cancer in women, for India and key emerging markets.

As per the agreement, Biocon will also have access to Advaxis' innovative and proprietary immunotherapy technology that can be leveraged for the development of other novel therapeutics for various unmet medical needs.

Chairperson and Managing Director of Biocon, Kiran Mazumdar-Shaw said, *"Biocon is committed to finding solutions for women's health issues. This partnership will enable us to develop **ADXS-HPV** a novel immunotherapy to combat cervical cancer in women. It is a promising technology that has the ability to suppress the tumor inside the micro-environment, and can be leveraged for developing several other novel therapeutics to address various unmet medical needs of patients in India and other emerging markets."*

"We are excited to partner with Biocon, one of the world's leading biotechnology companies and the largest biotechnology company in India to bring our innovative cancer immunotherapy for cervical cancer to women with few alternatives," commented **Daniel J. O'Connor, Chief Executive Officer of Advaxis**. *"This agreement gives us reach into key markets where the number of patients with HPV-associated cancers is overwhelming."*

Dr. Abhijit Barve, President of Research & Development at Biocon said, *"The clinical data generated so far with **ADXS-HPV** look very encouraging in patients with advanced metastatic disease who were resistant or refractory to existing therapies. The clinical responses were comparable to prevalent chemotherapy agents and this was achieved*

*with very low incidence of adverse events. Hence **ADXS-HPV** is likely to offer patients a safe and effective alternate to chemotherapeutic agents.”*

Cervical cancer is one of the most frequent cancers in women in India. Over 366 million women of the age of over 15 years, are at a risk of developing cervical cancer. It is estimated that every year over 134,000 women are diagnosed with cervical cancer in India and nearly 73,000 die from this disease. Approximately 7.9% of women in general are estimated to harbor cervical HPV infection at a given time, and 82.5% of invasive cervical cancers are attributed to high-risk HPV strains.*

According to WHO, in 2008, there were over 530,000 new cases of cervical cancer worldwide, 90% of these were reported in developing countries. While globally there were over 300,000 deaths, the African region recorded over 50,000 deaths and Asian countries reported over 150,000 deaths for the year.

ADXS-HPV has the potential to address this huge challenge in the developing world.

Under the terms of the agreement, Advaxis will provide exclusive commercialization rights for **ADXS-HPV** to Biocon for India, and key emerging markets for all HPV-associated cancers. Advaxis will manufacture and supply **ADXS-HPV** to Biocon.

**Source: WHO/ICO Information Centre on HPV and Cervical Cancer (HPV Information Centre) 2010.*

About Biocon Limited

Established in 1978, Biocon Limited, (BSE code: 532523, NSE Id: BIOCON, ISIN Id: INE376G01013) is India's largest and Asia's leading biotechnology company with a strategic focus on biopharmaceuticals and research services. It is a fully integrated, innovation-driven biopharma enterprise offering affordable solutions for chronic diseases to patient's worldwide. Biocon's robust product portfolio includes the world's first Pichia-based recombinant human Insulin, INSUGEN(R), Glargine, BASALOG®, India's first biologic BioMAb-EGFR® for head and neck cancer and world's first biosimilar trastuzumab, CANMAb™. It has also successfully developed its second novel biologic Itolizumab, a 'first in class' anti-CD6 monoclonal antibody, introduced as ALZUMAb™ for psoriasis in India. www.biocon.com

About Advaxis, Inc.

Advaxis is a clinical-stage biotechnology company developing the next generation of cancer immunotherapies. Advaxis' immunotherapies are based on a novel platform technology using live, attenuated bacteria to stimulate the immune system to selectively target cancer cells while reducing tumor defenses.

ADX-HPV, Advaxis' lead immunotherapy for the treatment of HPV-associated cancers, has improved survival and objective tumor responses in patients with recurrent cervical cancer. **ADX-HPV** has Orphan Drug Status for both anal and head and neck cancers. As part of its global commercialization strategy to enter into regional licensing deals with other market dominant biopharmaceutical companies in territories where there is a high prevalence of HPV-associated cancers, Advaxis has granted an exclusive license for the development and commercialization of **ADX-HPV** in Asia.

ADX-cHER2 is an immunotherapy for the treatment of HER2 overexpressing cancers (such as breast, gastric, and other cancers in humans and for osteosarcoma in canines). Advaxis' lead animal-health immunotherapy, ADX-cHER2, has demonstrated encouraging survival data in a Phase 1 trial in canine osteosarcoma. These data provide the rationale to advance this same immunotherapy into a Phase 1 clinical trial in women with HER2-positive breast cancer. The Company is preparing to submit an IND for ADX-cHER2 in breast cancer in 2014.

Advaxis has created over 15 distinct immunotherapies based on its platform either directly or through strategic collaborations with recognized centers of excellence such as: the [University of Pennsylvania](#), [Brown University](#), the [Georgia Regents University Cancer Center](#), the [Icahn School of Medicine at Mount Sinai](#), and others.

For more information please visit www.advaxis.com or connect with us on [Facebook](#), [Twitter](#), [Google+](#) and [LinkedIn](#).

Disclaimer

Certain statements in this release concerning our future growth prospects are forward-looking statements, which are subject to a number of risks, uncertainties and assumptions that could cause actual results to differ materially from those contemplated in such forward-looking statements. Important factors that could cause actual results to differ materially from our expectations include, amongst others general economic and business conditions in India, our ability to successfully implement our strategy, our research and development efforts, our growth and expansion plans and technological changes, changes in the value of the Rupee and other currency changes, changes in the Indian and international interest rates, change in laws and regulations that apply to the Indian and global biotechnology and pharmaceuticals industries, increasing competition in and the conditions of the Indian biotechnology and pharmaceuticals industries, changes in political conditions in India and changes in the foreign exchange control regulations in India. Neither our

company, our directors, nor any of our affiliates, have any obligation to update or otherwise revise any statements reflecting circumstances arising after this date or to reflect the occurrence of underlying events, even if the underlying assumptions do not come to fruition.

| For further information: | |
|--|--|
| Biocon Media Contacts Seema Ahuja Head-Corporate Communications T: +91-80-2808-2222, M:+919972317792 Email: seema.ahuja@biocon.com | Rumman Ahmed Manager-Corporate Communications T: +91-80-2808-2223, M:+919845104173 Email: rumman.ahmed@biocon.com |
| Biocon: Investors Contact Saurabh Paliwal Head Investor Relations +91 95383 80801 saurabh.paliwal@biocon.com | Advaxis, Inc Lisa Caperelli Senior Director of Investor Relations and Corporate Communications caperelli@advaxis.com 215.206.1822 |