BioAlliance Pharma accelerates its European clinical development of clonidine Lauriad™

The product becomes part of the Company's Orphan Oncology Business Unit

Paris, April 27, 2011 – BioAlliance Pharma SA (Euronext Paris - BIO), a company dedicated to specialty and orphan pharma products in oncology and supportive care, today announced the extension of its ongoing clonidine Lauriad™ phase II clinical trial in chemoradiation therapy induced oral mucositis in patients with head and neck cancer to Germany and Spain. The expansion of the trial (currently ongoing in France) to two new countries will raise the total number of centers to over 40 and will help accelerate patient recruitment.

Based on the incidence of chemoradiation therapy induced oral mucositis in this population, BioAlliance Pharma plans to submit an application dossier to the European and US agencies in Q2 2011 to obtain an Orphan Drug designation for clonidine Lauriad™.

"The orphan drug designation will qualify clonidine Lauriad™ for our Orphan Oncology Business Unit which features breakthrough products for severe and rare cancers. In addition to clonidine Lauriad™, this Unit covers various projects including, at clinical stage, Livatag® (advanced hepatocellular carcinoma), phase II and the AMEP® biotherapy (invasive metastatic melanoma), phase I", comments Judith Greciet, Chief Operating Officer, Operations and R&D of BioAlliance Pharma.

BioAlliance Pharma's second Business Unit Specialty Pharma includes both registered Loramyc® (oropharyngeal candidiasis in immunocompromised patients) and Setofilm® (nausea and vomiting chemo- and radiotherapy-induced), Sitavir® (recurrent herpes labialis), registration phase ongoing, as well as other earlier projects which will contribute to generating revenues through partnering.

About BioAlliance Pharma
Dedicated to Specialty Pharma and Orphan products in cancer treatment and in supportive care, with a focus on drug resistance, BioAlliance conceives and develops innovative products, for specialty markets especially in the hospital setting and for orphan or rare diseases.
Created in 1997 and introduced to the Euronext Paris market in 2005, BioAlliance Pharma's ambition is to become a leading player in these fields by coupling innovation to patient needs. The company's teams have the key competencies required to identify, develop and register drugs in Europe and USA; the products' commercialization rights are licensed to international commercial partners invested in the hospital setting. In areas where medical needs are insufficiently met, its targeted approaches help overcome drug resistance and improve patient health & quality of life.

BioAlliance Pharma has developed an advanced product portfolio:
Specialty Pharma products
Loramyc®/Oravig® (oropharyngeal candidiasis in immunocompromised patients): Registered in 28 countries (EU, US)
Setofilm® (prevention and treatment of nausea and vomiting post chemo-radiotherapy and post operative) - Registered in EU
Sitavir® (labialis herpes): Positive phase III final results; registration status
Fentanyl Lauriad™ (chronic cancer pain): Positive preliminary Phase I results

Orphan Oncology products
Livatag® (Doxorubicin Transdrug™) in primary) liver cancer: Phase II results on survival
Clonidine Lauriad™ (chemoradiation therapy induced mucositis in H&N cancer): Phase II on going
Biotherapy AMEP® (metastatic invasive melanoma): Phase I on going

For more information, visit the BioAlliance Pharma web site at www.bioalliancepharma.com

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For a discussion of risks and uncertainties which could cause actual results, financial condition, performance or achievements of BioAlliance Pharma SA to differ from those contained in the forward-looking statements, please refer to the Risk Factors ("Facteurs de Risque") section of the 2010 Reference Document filed with the AMF on April 7, 2011, which is available on the AMF website (http://www.amf-france.org) or on BioAlliance Pharma SA's website (http://www.bioalliancepharma.com).

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