Press release

Biophytis has FDA Approval to initiate SARA-INT phase 2b Interventional Study of Sarconeos in Sarcopenia

Paris (France), October 30, 2017, 7h45 CET - BIOPHYTIS (Euronext Growth Paris: ALBPS), a biotechnology company specializing in the development of drug candidates to treat age-related diseases, today announces the approval from the Food and Drug Administration (FDA) to begin the SARA-INT phase 2b interventional study of Sarconeos in sarcopenia in the United States.

The FDA's approval will enable Biophytis to begin the SARA-INT interventional study in five clinical centers in the United States. Two of them have already been opened as part of the SARA-OBS observational study: in Boston at the Jean Mayer Human Nutrition Research Center on Aging (Tufts University School of Medicine) and in Gainesville at The Institute on Aging (University of Florida).

Stanislas Veillet, CEO of BIOPHYTIS, said: *"We are pleased to have the FDA approval to begin the SARA-INT interventional study in the United States, which should allow us to include the first patient by the end of the year. SARA-INT is the first clinical study to demonstrate the efficacy of a drug candidate on mobility in sarcopenic patients. Its start marks the beginning of a new development phase for Biophytis, in particular in the United States, the world's largest market."*

SARA-INT is a three-arm interventional, phase 2, randomized, double blind placebo controlled clinical trial on 334 patients, that will be conducted in 20 clinical centers (among which those participating in the SARA-OBS study), in the EU (Belgium, France and Italy) and in the USA. The protocol aims to evaluate the safety and efficacy of Sarconeos (BIO101), 175 mg b.i.d. and 350 mg b.i.d., oral administration over 6 months, to patients aged over 65 years suffering of sarcopenia and at risk of mobility disability.

The next step to start SARA-INT phase 2b will be to obtain regulatory approvals in Europe. The inclusion of the first patient is expected by the end of 2017. Patients will be notably recruited from the group of sarcopenic patients followed in the SARA-OBS study, once their consent is obtained.

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About SARA-INT:

General Objectives:

1. To evaluate the safety and efficacy of two doses of BIO101 (175 mg b.i.d. and 350 mg b.i.d.) orally administered 26 weeks versus placebo in a population of community dwelling older men and women (aged ≥ 65 years) at risk of mobility disability.
2. To estimate treatment effect improvement of physical function and on decrease of risk of mobility disability after six-month treatment versus placebo in the target population.

Primary Endpoint:

Gait speed measured during the 400MW test, the change from baseline to month 6 will be compared between groups of treatment (each dose versus placebo).

Key Secondary Endpoints:

Change from baseline of a standardized patient reported outcome (PRO): PF-10 subscore of the SF36; Raising from a chair (subscore of SPPB);

Other secondary Endpoints:

Change from baseline of Appendicular Lean Mass (ALM), body composition at DEXA, muscle strength (handgrip/knee extension); stair power climbing test; SPPB; 6-minute walk distance;

Study Population:

334 community dwelling older adults (men or women≥65 years) reporting loss of physical function over the last six-twelve months and considered at risk of mobility disability will be included in the randomized interventional clinical trial SARA-INT (106 patients per treatment group) and will take the treatment over 26 weeks.

Main inclusion criteria:

1. Male or female, aged ≥ 65 years and living in the community, reporting loss of physical function over the last 6-12 months
2. Short Physical Performance Battery (SPPB) score ≤ 8
3. ALM/BMI < 0.789 in men and 0.512 in women, or ALM < 19.75kg in men and <15.02kg in women, as measured by DEXA scan.

About SARCONEOS

Sarconeos is a first-in-class drug candidate based on the activation of the MAS receptor (major player of the renin-angiotensin system) restoring muscular anabolism, inhibiting myostatin, and that had demonstrated meaningful activity in animal models of muscular dystrophies. Sarconeos is developed in the treatment of sarcopenia, an age-related degeneration of skeletal muscle, leading to loss of mobility in elderly people. This condition, for which no medical treatment currently exists, was first described in 1993 and has entered the International Classification of Diseases (M62.84) in 2016. It affects more than 50 million people worldwide.

About BIOPHYTIS:

Biophytis SA (www.biophytis.com), founded in 2006, develops drug candidates targeting diseases of aging. Using its technology and know-how, Biophytis has begun clinical development of innovative therapeutics to restore the muscular and visual functions in diseases with significant unmet medical needs. Specifically, the company is advancing two lead products into mid-stage clinical testing this year: Sarconeos (BIO101) to treat sarcopenic obesity and Macuneos (BIO201) to treat dry age-related

macular degeneration (AMD).
The business model of BIOPHYTIS is to ensure the conduct of the project until clinical activity in the patient is proven, then to license the technologies in order to continue the development in partnership with a pharmaceutical laboratory.
The company was founded in partnership with researchers at the UPMC (Pierre and Marie Curie University) and also collaborates with scientists at the Institute of Myology, and the Vision Institute.

BIOPHYTIS is listed on the Euronext Growth market of Euronext Paris
(ALBPS; ISIN: FR0012816825).

For more information: http://www.biophytis.com

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BIOPHYTIS is eligible for the SMEs scheme

Disclaimer

This press release contains certain forward-looking statements. Although the Company believes its expectations are based on reasonable assumptions, these forward-looking statements are subject to numerous risks and uncertainties, which could cause actual results to differ materially from those anticipated. For a discussion of risks and uncertainties which could cause the Company's actual results, financial condition, performance or achievements to differ from those contained in the forward looking statements, please refer to the Risk Factors ("Facteurs de Risque") section of the Listing Prospectus upon the admission of Company's shares for trading on the regulated market Euronext Growth of Euronext Paris filed with the AMF, which is available on the AMF website (www.amf- france.org) or on BIOPHYTIS' website (www.biophytis.com).

This press release and the information contained herein do not constitute an offer to sell or a solicitation of an offer to buy or subscribe to shares in BIOPHYTIS in any country. Items in this press release may contain forward-looking statements involving risks and uncertainties. The Company's actual results could differ substantially from those anticipated in these statements owing to various risk factors which are described in the Company's prospectus. This press release has been prepared in both French and English. In the event of any differences between the two texts, the French language version shall prevail.

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