Press release

Sensorion Presents Initial Results of Phase 1b Clinical Study on SENS-111 at the AAO-HNSF Annual Meeting in San Diego

Safety and pharmacokinetic profile of SENS-111 confirmed

Montpellier, September 21, 2016 - Sensorion (FR0012596468 – ALSEN), a biotech company specializing in the treatment of inner ear diseases, today announced that initial clinical results of the phase 1b study on the SENS-111 drug candidate have been presented during a poster session at the American Academy of Otolaryngology – Head and Neck Surgery Foundation (AAO-HNSF) Annual Meeting & OTO EXPO, held in San Diego, California from September 18 – 21, 2016.

Poster: *SENS-111, H4 Antagonist for Treatment of Peripheral Vertigo, Is Safe*

The aim of this double blind randomized placebo controlled study was to evaluate the overall safety and determine the pharmacokinetic profile of SENS-111 in 100 healthy volunteers. The study consisted of assessing Treatment Emergent Adverse Events (TEAE) and was divided into two parts:

- Part 1: Single oral dose of either a placebo or SENS-111 at doses ranging from 100 to 500 mg in 5 cohorts of 8 healthy volunteers (2 receiving a placebo, 6 receiving SENS-111);
- Part 2: Once-daily oral doses of a placebo or SENS-111 over 4 or 7 consecutive days at doses ranging from 50 to 250 mg in 5 cohorts of 12 healthy volunteers (3 receiving a placebo, 9 receiving SENS-111).

The TEAE rate was lower in the SENS-111 group (16%, versus 36% in the placebo group) and no serious or severe adverse effects were reported, even at higher doses, demonstrating an excellent clinical safety profile.

Prof. Frédéric Venail M.D. Ph.D., ENT department of the Gui de Chauliac University Hospital in Montpellier, INSERM U1051 Physiopathology of Sensory and Motor Deficits unit, stated: "*The analysis of the safety data collected via this study has enabled us to conclude that SENS-111 is a well-tolerated product with an acceptable pharmacokinetic profile. This data is all the more pertinent given that it was obtained via a fairly broad population for a phase 1 study.*"

Pierre Attali, Sensorion's Chief Medical Officer, adds: "*We are delighted that our drug candidate for acute vertigo has been demonstrated to be well-tolerated and easy to take. It is now ready to be assessed in patients who are suffering from this debilitating pathology in an upcoming international phase 2 study.*"

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About SENS-111

SENS-111 is the first representative of the histamine type 4 receptor antagonist class tested in inner-ear pathologies. This drug candidate displays a neuromodulation effect of the sensorineural inner ear cell function and is being developed for the symptomatic treatment of vertigo crises or tinnitus. SENS-111 is a small molecule that can be taken orally or via a standard injection, and has been successfully assessed in humans in phase 1b.

About Sensorion

Sensorion specializes in the treatment of pathologies of the inner ear such as acute vertigo, tinnitus and hearing loss. The company was founded by Inserm (the French Institute of Health and Medical Research) and is utilizing its pharmaceutical R&D experience and comprehensive technology platform to develop first-in-class easy-to-administer, notably orally active, drug candidate programs for treating hearing loss and the symptoms of vertigo and tinnitus, for preventing and treating complications associated with progressive lesions in the inner ear, and for preventing the toxicity of chemotherapy in the inner ear. Based in Montpellier, southern France, Sensorion received financial support from Bpifrance, through the InnoBio fund, and Inserm Transfert Initiative.

Sensorion is listed on Alternext Paris since April 2015. www.sensorion-pharma.com

Contacts

Sensorion
Laurent Nguyen
CEO
contact@sensorion-pharma.com
Tel: +33 (0)4 67 20 77 30

Name: **SENSORION**
ISIN code: **FR0012596468**
Ticker: **ALSEN**

International Investor Relations
NewCap
Dusan Oresansky / Emmanuel Huynh
sensorion@newcap.eu
Tel: +33 (0)1 44 71 94 92

US Investor Relations
The Ruth Group
David Burke/Tram Bui
dburke@theruthgroup.com/tbui@theruthgroup.com
Tel: (646) 536-7009/7035

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