PRESS RELEASE

Onxeo receives EPO Intent-to-Grant Notice for New Patent strengthening European Protection of Compounds sourced from its platON™ Platform

This new patent protects in particular AsiDNA™ and its related compounds for their use in the treatment of cancer, alone or in combination with other tumor DNA-damaging agents

Paris (France), October 14, 2019 – 6:00 pm CEST – Onxeo S.A. (Euronext Paris, NASDAQ Copenhagen: ONXEO), ("**Onxeo**" or "**the Company**"), a clinical-stage biotechnology company specializing in the development of innovative drugs targeting tumor DNA Damage Response (DDR) in oncology, in particular against rare or resistant cancers, today announced having received a communication from the European Patent Office (EPO) informing the Company of its intent to grant a new patent strengthening the European protection of compounds sourced from its platON™ platform.

This new patent strengthens the patent portfolio around AsiDNA™, the Company's first-in-class DNA Damage Response *(DDR*) inhibitor. It protects AsiDNA™ and related compounds, as such and for their therapeutic use, in particular for the treatment of cancers, alone or in combination with other agents such as radiotherapy, chemotherapy or other tumor DNA-damaging agents.

"This intent-to-grant, which was obtained very quickly after filing the application, illustrates the value of our platON™ platform through its ability to generate new patentable compounds and confirms the highly innovative nature of the products resulting from our technology to block the signaling pathways involved in the repair of tumor DNA," **said Françoise Bono, Chief Scientific Officer of Onxeo.**

This patent will provide a term of protection valid until mid-2031, which could be further extended until 2036 via the supplementary protection certificate (SPC) system. It completes the already robust set of 9 patent families securing the protection of AsiDNA™ and its related compounds.

Upcoming events

▪ October 23 and 24, 2019	Galien MedStart'Up Conference	New York, NJ, USA
▪ October 26-30, 2019	AACR-NCI-EORTC Molecular Targets & Cancer Therapeutics Conference	Boston, MA, USA
▪ Wednesday, November 6, 2019	"Direct Dirigeants" Event	Paris, France
▪ November 12-13, 2019	Bryan, Garnier & Co European Healthcare Conference	Paris, France
▪ November 12-15, 2019	Tides Europe 2019	Amsterdam, Holland
▪ January 29-31, 2020	DNA Damage Response Therapeutics Summit 2019	Boston, MA, USA

About Onxeo

Onxeo (Euronext Paris, NASDAQ Copenhagen: ONXEO) is a clinical-stage biotechnology company developing innovative oncology drugs targeting tumor DNA-binding functions through unique mechanisms of action in the sought-after field of DNA Damage Response (DDR). The Company is focused on bringing early-stage first-in-class or disruptive compounds from translational research to clinical proof-of-concept, a value-creating inflection point appealing to potential partners.

platON™ is Onxeo's proprietary chemistry platform of oligonucleotides acting as decoy agonists, which generates new innovative compounds and broaden the Company's product pipeline.

AsiDNA™, the first compound from platON™, is a first-in-class, highly differentiated DNA Damage Response (DDR) inhibitor based on a decoy and agonist mechanism acting upstream of multiple DDR pathways. Translational research has highlighted the distinctive properties of AsiDNA™, notably its ability to abrogate tumor resistance to PARP inhibitors regardless of the genetic mutation status. AsiDNA™ has also shown a strong synergy with other tumor DNA-damaging agents such as chemotherapy and PARP inhibitors. The DRIIV-1 (DNA Repair Inhibitor-administered IntraVenously) phase I study has evaluated AsiDNA™ by systemic administration (IV) in advanced solid tumors and confirmed the active doses as well as a favorable human safety profile. The ongoing DRIIV-1b extension study is assessing the safety and efficacy of a 600 mg dose of AsiDNA™ in combination with carboplatin and then with carboplatin and paclitaxel, in patients with solid tumors who are eligible for such treatments.

OX401 is a new drug candidate from platON™, optimized to be a next-generation PARP inhibitor acting on both the DNA Damage Response and the activation of immune response, without inducing resistance. OX401 is undergoing preclinical proof-of-concept studies, alone and in combination with immunotherapies.

Onxeo's portfolio also includes **belinostat**, an HDAC inhibitor (epigenetics). Belinostat is already conditionally FDA-approved in the US as a 2nd line treatment for patients with peripheral T cell lymphoma and marketed in the US under the name Beleodaq® (belinostat IV form).

For further information, please visit www.onxeo.com.

Forward looking statements

This communication expressly or implicitly contains certain forward-looking statements concerning Onxeo and its business. Such statements involve certain known and unknown risks, uncertainties and other factors, which could cause the actual results, financial condition, performance or achievements of Onxeo to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Onxeo is providing this communication as of this date and does not undertake to update any forward-looking statements contained herein as a result of new information, future events or otherwise. For a discussion of risks and uncertainties which could cause actual results, financial condition, performance or achievements of Onxeo to differ from those contained in the forward-looking statements, please refer to the section 5.7.1.4 "Risk Factors" ("*Facteurs de Risque*") of the 2018 registration document filed with the *Autorité des marchés financiers* on April 25, 2019 under number D.19-0282, which is available on the *Autorité des marchés financiers* website (www.amf-france.org) or on the Company's website (www.onxeo.com).

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