



## **Recent Data on Curetis' Unyvero ITI Application Demonstrate its Clinical and Health Economic Benefits**

***- Several ECCMID 2017 presentations highlight advantages of rapid time to result with Unyvero ITI in Prosthetic Joint Infections***

**Amsterdam, the Netherlands, and Holzgerlingen, Germany, April 27, 2017** - Curetis N.V. (the "**Company**") and, together with Curetis GmbH, "**Curetis**"), a developer of next-level molecular diagnostic solutions, today announced the recent presentation of new data demonstrating the clinical and health economic benefits of using the Company's Unyvero ITI (Implant and Tissue Infections) Application for the diagnosis of prosthetic joint infections. Data were presented during this year's European Congress of Clinical Microbiology and Infectious Diseases (ECCMID, April 22-25, 2017, Vienna/Austria).

Prof. Jaime Esteban-Moreno from the Department of Clinical Microbiology at IIS-Fundación Jiménez Díaz (Madrid, Spain) presented results from a health economic study demonstrating that rapid analysis of sonication fluid from explanted joint prostheses with Unyvero ITI shortened the length of hospital stays for the patients and on average saved EUR 2,040.50 per patient. The study follows a recent publication by the group investigating the diagnostic performance of Unyvero ITI in the detection of prosthetic joint infections (PJI) in sonication fluids by the group of Prof. Esteban-Moreno.\*

In addition, two studies from Charité – University Medicine Berlin (Germany) and one from Helios Endoklinik, Hamburg (Germany) demonstrated that the performance of the first-generation Unyvero ITI Application in diagnosing pathogens in PJI was similar to culture-based analysis of sonication fluids or synovial fluid with the advantages of Unyvero having a much shorter processing time and being a fully automated system. One of the aforementioned studies calculated the advantage of time-to-result as 5 hours versus 6.8 days.

Further studies from major European hospitals highlighting the advantages of the Unyvero System in various other clinical indications were also featured during ECCMID at a symposium organized by Curetis.

"Three years after marketing the first Unyvero ITI Application, more and more studies demonstrate the tremendous diagnostic and health economic advantages of rapid pathogen and resistance marker identification by Unyvero ITI in diagnosing prosthetic joint infections," said Dr. Achim Plum, CCO of Curetis. "The findings are based on the analysis of synovial fluids as well as in sonication fluids after sonication of explanted joint prostheses. With our second-generation ITI Application introduced in September 2016, we further expanded the panel to over one hundred diagnostic targets while increasing sensitivity to around 90% at a specificity of about 99%. The recent enhancements significantly increase the potential benefits of this first in class product in the management of prosthetic joint infections and other implant and tissue infections."

\*Prieto-Borja L, et al. Evaluation of a commercial multiplex PCR (Unyvero i60) designed for the diagnosis of bone and joint infections using prosthetic-joint sonication. *Enferm Infecc Microbiol Clin.* 2017;35(4):236–242. <http://dx.doi.org/10.1016/j.eimc.2016.09.007>

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#### **About Curetis**

Founded in 2007, Curetis is a molecular diagnostics company which focuses on the development and commercialization of reliable, fast and cost-effective products for diagnosing severe infectious diseases. The diagnostic solutions of Curetis enable rapid multi-parameter pathogen and antibiotic resistance marker detection in only a few hours, a process that today can take up to days or even weeks with other techniques.

To date, Curetis has raised EUR 44.3 million in an IPO on Euronext Amsterdam and Euronext Brussels and private equity funds of over EUR 63.5 million. Furthermore, Curetis has entered into a debt financing facility with EIB for up to EUR 25 million. The company is based in Holzgerlingen near Stuttgart, Germany. Curetis collaborates with Heraeus Medical, pharmaceutical companies, and has entered into several international distribution agreements covering many countries across Europe, the Middle East and Asia.

In 2017, Curetis established Ares Genetics GmbH, a wholly-owned subsidiary of Curetis GmbH in Vienna, Austria. Ares Genetics is dedicated to maximizing the R&D and related scientific and business opportunities of the GEAR assets acquired in 2016 for the entire Curetis Group.

**For further information, please visit [www.curetis.com](http://www.curetis.com).**

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