

PRESS RELEASE

## Fecundis secures \$2.4 million in a seed funding round

- Fecundis, a medical technology start-up in the clinical test phase that develops disruptive assisted reproduction technologies, has just received 2.4 million euros in a seed funding round led by the U.S. firm DuneGlass Capital.
- This funding will allow the company -based in the Barcelona Science Park- speed up the path to market of their first product, HyperSperm, a revolutionary technique that seeks to increase the effectiveness of fertility treatments while reducing the associated economic and psychological impact by putting the spotlight on sperm.
- The first clinical study to validate the product's effectiveness ended in 2023 with the birth of a child to patients with a long history of infertility. Fecundis is currently carrying out a definitive evaluation of the technique with more extensive trials.

**Barcelona, 8 October 2024.** [Fecundis](#), a medical technology start-up specialising in reproductive health, based at the Barcelona Science Park, announced today the successful closing of its seed funding round, securing \$2.4 million from a group of forward-thinking investors. The round was led by Chicago-based private equity firm [DuneGlass Capital](#), with the participation of Latin American investment funds [Zentynel](#) [Frontier Investments](#) and [GRIDX](#).

The company will use this new capital to accelerate the clinical testing and market launch of its first product, HyperSperm, a revolutionary sperm-focused assisted reproduction technique. This seed round also strengthens the start-up's financial base by enabling it to increase its R&D efforts and scale-up its operations to expand its product line, with the goal of responding to the growing global demand for affordable and effective reproductive solutions.

Fecundis, led by **Dr Rita Vassena** – a world-renowned scientist in the field of human fertility – was established based on a technology developed by researchers and co-founders **Mariano Buffone** and **Dario Krapf** – international leaders in sperm biology – with the mission of offering an effective, evidence-based approach to increase the efficiency of assisted reproduction treatments while reducing the associated economic and psychological impact.

“We are thrilled to have the support of such a prestigious group of investors, collectively specialized in healthcare and biotech, who share our vision of improving access to reproductive care through a deep understanding of reproductive biology. This funding will allow us to accelerate the development of HyperSperm, expand our clinical evidence base, and hit critical milestones on our path to market, fulfilling our mission to helping more people achieve their dreams of starting or growing their families, says Dr Vassena, the start-up's CEO.

"Fecundis has the potential to revolutionize reproductive health with its advanced technology in sperm biology and innovative approach," states **Ryan Graham**, DuneGlass Capital managing partner and Fecundis board member. "We are particularly excited about the company's pipeline of cutting-edge products and the broad applications of its technology across sectors."

According to [Precedence Research](#), the global fertility market is projected to reach \$70 billion by 2033, driven by increasing awareness and demand for advanced fertility treatments. However, infertility treatments remain inefficient and prohibitively expensive for most patients.

"Currently, 180 million people are experiencing infertility, and over 90% of them do not have access to effective care; the small minority of patients who can get treatment face lengthy, costly, and inefficient procedures. We believe that a world where infertility is diagnosed quickly –, and where treatments are effective and accessible – is not only possible, but also urgent and necessary", explains **Dr. Vassena**.

Fecundis wants to respond to this global clinical need by radically changing infertility treatments by offering efficient and effective sperm-based fertility solutions. HyperSperm, its most advanced development, is an assisted reproduction technique whose strategy is 100% disruptive because it focuses on achieving unprecedented improvements in sperm performance, reproducing in them the same biochemical changes that occur naturally in the female tract during spontaneous fertilisation.

The first clinical study conducted to validate it concluded with the birth of a baby in April 2023 whose patients had a long history of infertility. Fecundis is currently carrying out a definitive evaluation of the technique with more extensive trials.

## ■ About Fecundis

Fecundis ([www.fecundis.com](http://www.fecundis.com)) is a clinical-stage medical technology company focused on developing disruptive technology to increase the success rate of assisted human reproduction. Its mission is to revolutionise reproductive medicine by focusing on the spermatozoon, with the aim of increasing efficiency and reducing the economic and psychological impact of assisted reproduction treatments. The company was founded in 2020 and is based in the Barcelona Science Park (Spain) and in Buenos Aires - Rosario (Argentina).

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