

# Paterna BioSciences Appoints New CEO to Accelerate Male Fertility Innovations, Drive Seed Funding

*Alex Pastuszak, MD, PhD named Paterna CEO successor to lead transformation of male fertility care; former CEO and Co-Chairman Edward Rowland retiring.*

SALT LAKE CITY, UT, USA, July 9, 2024

/EINPresswire.com/ -- [Paterna](#)

[BioSciences](#), a pioneering

biotechnology company dedicated to

solving [male infertility](#), today

announced the appointment of co-

founder Alexander Pastuszak, MD, PhD as Chief Executive Officer (CEO). Dr. Pastuszak's

leadership will accelerate Paterna's seed funding round and advance the company's [in vitro](#)

[spermatogenesis](#) (IVS) technology through clinical development and commercialization.



**Paterna**   
**Biosciences**  
FROM INFERTILITY TO FATHERHOOD

“

For decades, couples facing male infertility lacked options. We're pioneering new fertility treatments, focused on the male, and offering families solutions and real hope.”

*Alexander Pastuszak, MD,  
PhD, CEO, Paterna*

## Male Infertility: Addressing a Critical Treatment Gap

Male infertility is a significant yet often overlooked factor in reproductive challenges. Of the approximately three million in vitro fertilization (IVF) procedures performed globally each year, roughly 50% fail, with male infertility being responsible for half of those failures. Despite this, the field of male infertility treatment has seen minimal innovation in over three decades. Paterna's novel IVS technology tackles the long-standing lack of solutions in male fertility care, empowering couples on their path to parenthood. IVS stands to improve male infertility

treatment, creating new treatment options for individuals and families struggling to conceive.

## Accelerating Innovation: New Leadership to Drive Commercialization

“It is a privilege to lead Paterna as we advance our mission to solve the substantial challenges of

male and couple infertility," said Alex Pastuszak, MD, PhD, CEO and Co-founder of Paterna BioSciences. "We're pioneering new science to offer families real hope and new fertility treatment choices. Our focus is clear – our talented team will advance scientific breakthroughs into clinical success, transforming fertility treatment globally."

Dr. Pastuszak succeeds Edward Rowland, Paterna's founding CEO who successfully guided the company through its early development. "Ed created a strong foundation for our future," said Paterna co-founder Kyle Orwig, professor at the University of Pittsburgh. "Alex's extensive background in male reproductive medicine and healthcare entrepreneurship makes him the ideal leader to take Paterna into its next phase of growth and clinical development."

### Novel in vitro Spermatogenesis (IVS) Technology

Paterna's in vitro spermatogenesis technology solves a major obstacle to family building, helping men and couples move from infertility to fatherhood. IVS is an innovative approach to infertility treatment that produces mature, healthy sperm cells outside of the body for use in IVF. This leading-edge science holds the potential to modernize treatment options for male and couple infertility, offering hope to individuals and couples who face challenges conceiving.

### About Alexander Pastuszak, MD, PhD, Paterna BioSciences Co-Founder and CEO

Dr. Alexander Pastuszak is a physician, scientist, and entrepreneur, who has founded and led multiple healthcare companies. Dr. Pastuszak holds an MD and a PhD in biomedical sciences from the University of California, San Francisco, and completed his male reproductive medicine and surgery fellowship and urology residency at Baylor College of Medicine. A Yale University alumnus with a B.S. in Cellular and Molecular Biology, he has published over 140 peer-reviewed publications and authored two textbooks. Dr. Pastuszak's unique blend of clinical care, men's health expertise, and digital health innovation positions him to transform fertility treatments on a global scale.

### About Paterna BioSciences

Paterna is at the scientific forefront of addressing male infertility through innovative approaches for in vitro spermatogenesis (IVS). Founded on the principle of improving human reproductive health, the company aims to offer groundbreaking solutions that enhance in vitro fertilization (IVF) success rates and promote healthier future generations. Paterna is committed to ethical practices and is driven by a mission to provide fertility solutions that respect and advance human health.

For more information about Paterna BioSciences, visit [PaternaBio.com](http://PaternaBio.com). To schedule a media or investor relations interview, please reach out to our media contact.

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