Press Release
24 September 2019

FUJIFILM IRVINE SCIENTIFIC INTRODUCES VIT KIT-NX, THE NEXT GENERATION OF VITRIFICATION MEDIA SOLUTIONS

SANTA ANA, California, 24 September, 2019: FUJIFILM Irvine Scientific, Inc., a world leader in the innovation, development, and manufacture of cell culture media and Assisted Reproductive Technologies (ART), today announced the release of Vit Kit-NX - the latest addition to an established portfolio of vitrification solutions for *in vitro* fertilization (IVF). The advanced formulas, which now include trehalose, are designed to vitrify and warm oocytes and embryos in a consistent, stable environment to achieve high survival and pregnancy rates.

IVF cycles involve the exposure of gametes and embryos to different media at each step of the process, increasing the potential for unnecessary stress upon embryos. To minimize this stress, FUJIFILM Irvine Scientific has developed Vit Kit-NX, comprised of Vit Kit Freeze-NX and Vit Kit Warm-NX. The new media are based on a continuous embryo culture medium with dual buffers—the same components found in existing FUJIFILM Irvine Scientific media, Continuous Single Culture Medium (CSCM) and Multipurpose Handling Medium (MHM). Vit Kit-NX delivers a secure and stable environment that is highly effective on its own. When used as part of a complete IVF system with CSCM and MHM, embryos remain in a consistent environment at each step of the IVF process.

Vitrification IVF has experienced worldwide growth in recent years spurred by the increasing trends in genetic screening, improved blast utilization rates (BUR), and single embryo transfers. High-yield survival rates have made vitrification the leading human oocyte and embryo cryopreservation technology. Vit Kit-NX is a ready-to-use solution, compatible with open and closed vitrification devices to deliver high quality media that are both effective and flexible to streamline IVF laboratory processes.

"FUJIFILM Irvine Scientific is leading the way with the next generation of vitrification solutions for the modern IVF laboratory," said Dr. Robert Newman, Chief Scientific Officer at FUJIFILM Irvine Scientific. *"The updated formulas leverage the unique dual-buffered system pioneered in MHM, the continuous, human embryo specific medium of CSCM, and the addition of trehalose to maximize oocyte and embryo survival rates, while simplifying the vitrification and warming process."*

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Photo:

For a high-res image contact lorna.cuddon@zymecommunications.com

Notes to Editors

About FUJIFILM

FUJIFILM Irvine Scientific www.irvinesci.com/
FUJIFILM Irvine Scientific, Inc., is a worldwide leader in the innovation and manufacture of cell culture media, reagents, and medical devices for researchers and clinicians. The company provides unrivaled service and quality to scientists working in biopharmaceuticals, cell therapy and regenerative medicine, assisted reproductive technology and cytogenetics, and industrial cell culture for the large-scale production of biotherapeutics and vaccines. FUJIFILM Irvine Scientific adheres to both ISO and FDA regulations and operates dual cGMP manufacturing facilities in California, USA, and Tokyo, Japan. The company's consultative philosophy combined with expertise in cell culture and compliance provides customers with unique capabilities and support. For over 45 years, FUJIFILM Irvine Scientific has remained uniquely flexible and focused on media while becoming a strategic global leader in media products and services. FUJIFILM Irvine Scientific, Inc. is a subsidiary of FUJIFILM Holdings America Corporation reporting to FUJIFILM Holdings Corporation.

FUJIFILM Holdings Corporation www.fujifilmholdings.com
FUJIFILM Holdings Corporation, Tokyo, Japan brings cutting-edge solutions to a broad range of global industries by leveraging its depth of knowledge and fundamental technologies developed in its relentless pursuit of innovation. Its proprietary core technologies contribute to the various fields including healthcare, graphic systems, highly functional materials, optical devices, digital imaging and document products. These products and services are based on its extensive portfolio of chemical, mechanical, optical, electronic and imaging technologies. For the year ended March 31, 2018, the company had global revenues of $23.0 billion, at an exchange rate of 106 yen to the dollar. Fujifilm is committed to environmental stewardship and good corporate citizenship. For more information, please visit www.fujifilmholdings.com.

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