Investment/collaborative project opportunity for Healthcare Company

Challenge

• For those undergoing advanced reproductive techniques, such as IVF and embryo transfer, the successful pregnancy percentage is very low, between 10-25%
• Implantation represents the most critical step
• The endometrium undergoes a series of changes leading to a period of receptivity called the “window of implantation” during the human menstrual cycle. Outside this time the uterus is resistant to embryo attachment.

Solution

A new approach is being developed at the University of Leicester. It is:

• Precise: a novel method has been shown to determine, with greater precision, this “window” and hence the optimal time of implantation
• Validated: the assay is based on measurement of levels of an endocannabinoid

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Although IVF techniques have overcome many of the problems of infertility, actual pregnancy rates are still relatively low. Implantation failure is considered to be a major limiting factor. The endometrium undergoes a series of changes leading to a period of receptivity called the “window of implantation” during the human menstrual cycle. Outside this time the uterus is resistant to embryo attachment.

**Benefits**

- Protected IP with the potential to develop a fast and reliable test for determining the optimal time for embryo implantation during IVF

**Market**

Infertility affects 10-15% of couples worldwide, representing a considerable market opportunity.

**IP status**

Patents have been filed in Europe and USA.

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**Are you company supplying medical devices into the forensics market looking for an investment opportunity?**

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