

Early-stage embryo chemicals broadcast genetic health information to the uterus

It is important for the lining of the womb to know if an embryo is healthy before allowing it to implant, but how this is done was unclear. Now, a study at the University of Southampton has shown the amount of a chemical, trypsin, helps determine whether an embryo implants.

When a sperm fertilizes an egg and begins to divide and grow, the process does not always go smoothly.

“A lot of embryos have chromosomal abnormalities so there must be a mechanism to stop a pregnancy,” fertility scientist Prof Nick Macklon told the BBC.

“So the question is how does the endometrium [the lining of the uterus] detect the quality?”

Read the full, original story here: [Embryo ‘chatter’ clues to fertility](#)