

Cow cell models were used to study how pathogens interact with the endometrium. Lipopolysaccharide (LPS) and bovine Herpes Virus-4 affected epithelial cell proliferation and survival. LPS altered also key proteins involved in the acceptance of the embryo. The observed changes may be part of the mechanisms by which pathogens perturbs fertility and source of markers for uterine diseases.

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Online publication of thesis summary: <http://pub.epsilon.slu.se/>

ISSN 1652-6880

ISBN (print version) 978-91-576-8805-7

ISBN (electronic version) 978-91-576-8806-4