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**CELL-CELL ADHESION IS CHANGED IN HUMAN ENDOMETRIAL EPITHELIAL CELLS DURING THE MENSTRUAL CYCLE**

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**GLYCO- AND IMMUNOHISTOCHEMICAL INVESTIGATIONS OF THE BOVINE ENDOMETRIUM DURING DIFFERENT STAGES OF THE ESTROUS CYCLE**

GLYKO- UND IMMUNHISTOCHEMISCHE UNTERSUCHUNGEN AM BOVINEN ENDOMETRIUM WÄHREND UNTERSCHIEDLICHER ZYKLUSSTADIEN

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**MATERNAL DIABETES TYPE I INFLUENCES THE ADIPONECTIN SYSTEM IN THE RABBIT PREIMPLANTATION**

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#### **ENDOMETRIOTIC LESIONS IN ANIMAL MODELS OF ENDOMETRIOSIS**

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#### **ACQUISITION OF UTERINE RECEPTIVITY: THE ROLE OF THE IMMUNE SYSTEM**

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#### **IMMUNOCYTOCHEMICAL AND ULTRASTRUCTURAL INVESTIGATION OF THE GERM CELLS AND THE FOLLICULAR DIFFERENTIATION IN THE PRENATAL BOVINE OVARY**

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#### **CCN PROTEINS CYR61 (CCN1) AND NOV (CCN3): REGULATORS OF TROPHOBLAST INVASION**

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**THE ROLE OF MICRO RNAs AND GLUCOSE IN ADIPOGENIC DIFFERENTIATION OF MOUSE EMBRYONIC STEM CELLS**

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**INDUCTION OF DECIDUALIZATION IN HUMAN ECTOPIC ENDOMETRIAL LESIONS *IN VIVO***

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Georg Kretzschmar<sup>1</sup>, Anja Papke<sup>1</sup>, Oliver Zierau<sup>1</sup>, Frank Josef Möller<sup>1</sup>, Felicitas Rataj<sup>1</sup>, Maria Jähne<sup>1</sup>, Günter Vollmer<sup>1</sup>  
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**CELLULAR RAF-1 LEVELS DETERMINE THE MIGRATION AND CYTOSKELETON ORGANIZATION OF EUTOPIC ENDOMETRIAL STROMAL CELLS OF PATIENTS WITH ENDOMETRIOSIS**

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### **APOPTOSIS DETECTION IN MOUSE PREIMPLANTATION STAGE EMBRYOS BY INTRAVITAL “LAB-ON-CHIP” METHOD**

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### **IGF-1 APPEARANCE IN EMBRYO TUBAL AND UTERINE IMPLANTATION**

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### **THE EFFECT OF OXYGEN ON PLACENTAL CONNEXINS 43 AND 46 AND ITS CONTRIBUTION TO PREECLAMPSIA**

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**THE ORIGIN OF FETAL CHOLESTEROL IN SECOND TRIMESTER AMNIOTIC FLUID: ENDOGENOUS SYNTHESIS OR MATERNAL-FETAL TRANSPORT?**

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**DESCRIPTIVE AND FUNCTIONAL ANALYSIS OF ADAM-12 DURING EXTRAVILLOUS TROPHOBLAST INVASION**

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**MIMICKING HUMAN MENSTRUATION WITH A PSEUDO-PREGNANCY MOUSE MODEL**

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**CONNEXIN31 DEFICIENCY LEADS TO CHANGED LINEAGE DIFFERENTIATION IN TROPHOBLAST STEM CELLS**

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**CREB EXPRESSION AND ACTIVATION IS REGULATED BY INSULIN AND IGF1 IN RABBIT BLASTOCYSTS**

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**MOTILE RESPONSES OF HUMAN ENDOMETRIAL STROMAL CELLS TO GROWTH FACTORS AND CYTOKINES**

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**REACTIVE OXYGEN SPECIES ARE INDISPENSABLE FOR OVULATION**

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**BOVINE PROLACTIN FAMILY PROTEINS UNDERGO CLEAVAGE FOLLOWING SECRETION AND RESULTING FRAGMENTS EXPRESS DISTINCT BIOLOGICAL ACTIVITIES**

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## THE IMPACT OF CCN3 GLYCOSYLATION IN CCN3-MEDIATED SIGNALLING FOR MIGRATION AND PROLIFERATION OF HUMAN TROPHOBLAST CELLS

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## DERIVATION OF ENDOMETRIAL STEM CELLS IN A CHIMERIC BONE MARROW MODEL IN BOTH HUMANS AND MACAQUES

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## EXPERIMENTAL PHARMACOLOGY OF LEIOMYOMA IN VIVO

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