

- ▶ **MAUREL M.C.**, LABROUSSE H., TERQUI M. and AVRAMEAS S., **1987**. A highly sensitive microtitre plate enzyme immunoassay for oestradiol-17 $\beta$ . *Journal of Immunological Methods*, 102, 165-172.
- ▶ **MAUREL M.C.**, BAN E., BIDART J.M., COMBARNOUS Y., **1992**. Immunochemical study of equine chorionic gonadotropin (eCG/PMSG): antigenic determinants on  $\alpha$ - and  $\beta$ -subunits. *Biochimica and Biophysica Acta*, 1159, 74-80.
- ▶ CHOPINEAU M., **MAUREL M.C.**, COMBARNOUS Y., DURAND P., **1993**. Topography of equine chorionic gonadotropin epitopes relative to the luteinizing hormone and follicle-stimulating hormone receptor interaction sites. *Molecular and Cellular Endocrinology*, 92, 229-239.
- ▶ **MAUREL M.C.**, MONDAIN-MONVAL M., FARSTAD W., SMITH A.J., **1993**. Rapid detection of the preovulatory luteinizing hormone peak in the blue fox (*Alopex lagopus*) by an enzyme linked immunosorbent assay. *Journal of Reproduction and Fertility*, Suppl. 47, 121-125.
- ▶ BADINAND F., FONTBONNE A., **MAUREL M.C.**, SILIART B., **1993**. Fertilization time in the bitch in relation to plasma concentration of oestradiol, progesterone and luteinizing hormone and vaginal smears. *Journal of Reproduction and Fertility*, Suppl. 47, 63-67.
- ▶ APPARAILLY F., LAURENT-CADORET V., LECOMPTE F., CHOPINEAU M., **MAUREL M.C.**, GUILLOU F., COMBARNOUS Y., **1994**. Structure-function relationships and mechanism of action of pituitary and placental gonadotropins. *Reproduction Fertility and Development*, 6, 157-163.
- ▶ SUIRE S., **MAUREL M.C.**, GUILLOU F., **1996**. Follitropin action on the transferrin gene in Sertoli cells is mediated by cAMP-responsive-element-binding-protein and antagonized by chicken ovalbumin-upstream-promoter-transcription factor. *European Journal of Biochemistry*, 239, 52-60.
- ▶ GUERIN C., **MAUREL M.C.**, LAUNAIS M., DELETANG F. BADINAND F., **1997**. Use of an immunoenzymatic assay to detect the luteinizing hormone peak in bitches. *Journal of Reproduction and Fertility*, Suppl. 51, 277-281.
- ▶ ROY F., **MAUREL M.C.**, COMBES M., VAIMAN D., CRIBIU EP., LANTIER I., POBEL T., DELETANG F., COMBARNOUS Y., GUILLOU F., **1999**. The negative effect of repeated equine chorionic gonadotropin treatment on subsequent fertility in alpine goats is due to humoral immune response involving the major histocompatibility complex. *Biology of Reproduction*, 60, 805-813.
- ▶ ROY F., COMBES M., VAIMAN D., CRIBIU EP., POBEL T., DELETANG F., COMBARNOUS Y., GUILLOU F., **MAUREL M.C.**, **1999**. Humoral immune response to equine chorionic gonadotropin in ewes: association with major histocompatibility complex and interference with subsequent fertility. *Biology of Reproduction*, 61, 209-218.
- ▶ TERQUI M., GUILLOUET P., **MAUREL M.C.** and MARTINAT-BOTTE F. **2000**. Relationship between progesterone levels and time of ovulation by echography in pigs and influence of the interval between ovulation and artificial insemination (I.A.) on litter size. *Reproduction, Nutrition and Development*, 40 (4): 1-12.
- ▶ **MAUREL M.C.**, ROY F, HERVE V, BERTIN J, VAIMAN D, CRIBIU E, MANFREDI E, BOUVIER F, LANTIER I, BOUE P, GUILLOU F. **2003**. Immune response to equine Chorionic Gonadotropin used for the induction of ovulation in goats and ewes. *Gynecologie, Obstetrique et Fertilité*, 31 (9):766-769
- ▶ HERVE V, ROY F, BERTIN J, GUILLOU F, **MAUREL M.C.** **2004**. Anti-eCG antibodies generated in goats treated with eCG for the induction of ovulation modulate the LH and FSH bioactivities of eCG differently. *Endocrinology*, 145 (1): 294-303.
- ▶ LIN J, CAGLIERO C, GUO B, BARTON Y.-W., **MAUREL M.C.**, PAYOT S, ZHANG Q. **2005**. Bile salts modulate the expression of the CmeABC multidrug efflux pump in *Campylobacter jejuni*. *Journal of Bacteriology*, 187 (2): 7417-24.
- ▶ GUYOT N, ZANI ML, **MAUREL M.C.**, DALLET-CHOISY S, MOREAU T. **2005**. Elafin and its precursor trappin-2 still inhibit neutrophil serine proteinases when they are covalently bound to extracellular matrix proteins by tissue transglutaminase. *Biochemistry*, 44 (47): 15610-15618.
- ▶ PERDEREAU C, GODAT E, **MAUREL M.C.**, HAZOUARD E, DIOT E, LALMANACH G. **2006**. Cysteine cathepsins in human silicotic bronchoalveolar lavage fluids. *Biochim Biophys Acta*, 1762 (3): 351-356.
- ▶ MERCEY R, LANTIER I, **MAUREL MC**, GROSCLAUDE J, LANTIER F, MARC D. **2006**. Fast, reversible interaction of prion protein with RNA aptamers containing specific sequence patterns. *Archives of Virology*, 151 (11): 2197-2214.

- ▶ LECUREUIL C, STAUB C, FOUCHÉCOURT S, **MAUREL M.C.**, FONTAINE I, MARTINAT N, GAUTHIER C, DAUDIGNON A, DELALEU B, SOW A, JEGOU B, GUILLOU F. **2007**. Transferrin overexpression alters testicular function in aged mice. *Molecular Reproduction and Development*, 74 (2): 197-206.
- ▶ CAGLIERO C., **MAUREL M.C.**, CLOECKAERT A., PAYOT S. **2007**. Regulation of the expression of the CmeABC efflux pump in *Campylobacter jejuni*: identification of a point mutation abolishing the binding of the CmeR repressor in an in vitro-selected multidrug-resistant mutant. *FEMS Microbiology Letters*, 267 (1): 89-94.
- ▶ YEFIMOVA MG, SOW A, FONTAINE I, GUILLEMINOT V, MARTINAT N, CREPIEUX P, CANEPA S, **MAUREL MC**, FOUCHÉCOURT S, REITER E, BENZAKOUR O, GUILLOU F. **2008**. Dimeric transferrin inhibits phagocytosis of residual bodies by testicular rat Sertoli cells. *Biology of Reproduction*, 78 (4): 697-704.