

## Literaturverzeichnis

Akinola, L. A.; Poutanen, M.; Vihko, R. und Vihko, P. (1997):

Expression of 17beta-hydroxysteroid dehydrogenase type 1 and type 2, P450 aromatase, and 20alpha-hydroxysteroid dehydrogenase enzymes in immature, mature, and pregnant rats.

Endocrinology 138 (7). 2886-92.

Arbab, F.; Goldsby, J.; Matijevic-Aleksic, N.; Huang, G.; Ruan, K. H. und Huang, J. C. (2002):

Prostacyclin is an autocrine regulator in the contraction of oviductal smooth muscle.

Hum Reprod 17 (12). 3053-9.

Arosh, J. A.; Parent, J.; Chapdelaine, P.; Sirois, J. und Fortier, M. A. (2002):

Expression of cyclooxygenases 1 and 2 and prostaglandin E synthase in bovine endometrial tissue during the estrous cycle.

Biol Reprod 67 (1). 161-9.

Arosh, J. A.; Banu, S. K.; Chapdelaine, P. und Fortier, M. A. (2004):

Temporal and tissue-specific expression of prostaglandin receptors EP2, EP3, EP4, FP, and cyclooxygenases 1 and 2 in uterus and fetal membranes during bovine pregnancy.

Endocrinology 145 (1). 407-17.

Asselin, E. und Fortier, M. A. (2000):

Detection and regulation of the messenger for a putative bovine endometrial 9-keto-prostaglandin E(2) reductase: effect of oxytocin and interferon-tau.

Biol Reprod 62 (1). 125-31.

Bennett, W. A.; Watts, T. L.; Blair, W. D.; Waldhalm, S. J. und Fuquay, J. W. (1988):

Patterns of oviducal motility in the cow during the oestrous cycle.

J Reprod Fertil 83 (2). 537-43.

Bonventre, J. V. und Sapirstein, A. (2002):

Group IV cytosolic phospholipase A2 (PLA2) function: insights from the knockout mouse.

Adv Exp Med Biol 507. 25-31.

Brantmeier, S. A.; Bellin, M. E.; Boehm, S. K.; Bushmeyer, S. M.; Kubajak, C. L.; Dentine, M. R.; Grummer, R. R. und Ax, R. L. (1987):

Influence of stage of cycle, corpus luteum location, follicle size, and number of large follicles on estradiol-17 beta concentrations in bovine follicles.

J Dairy Sci 70 (10). 2138-44.

- Calder, M. D.; Caveney, A. N.; Westhusin, M. E. und Watson, A. J. (2001):  
Cyclooxygenase-2 and prostaglandin E(2)(PGE(2)) receptor messenger RNAs are affected by bovine oocyte maturation time and cumulus-oocyte complex quality, and PGE(2) induces moderate expansion of the bovine cumulus in vitro.  
*Biol Reprod* 65 (1). 135-40.
- Chakraborti, S. (2003):  
Phospholipase A(2) isoforms: a perspective.  
*Cell Signal* 15 (7). 637-65.
- Chaud, M.; Faletti, A.; Beron de Estrada, M.; Gimeno, A. L. und Gimeno, M. A. (1994):  
Synthesis and release of prostaglandins D2 and E2 by rat uterine tissue throughout the sex cycle. Effects of 17-beta-estradiol and progesterone.  
*Prostaglandins Leukot Essent Fatty Acids* 51 (1). 47-50.
- Clark, J. D.; Schievella, A. R.; Nalefski, E. A. und Lin, L. L. (1995):  
Cytosolic phospholipase A2.  
*J Lipid Mediat Cell Signal* 12 (2-3). 83-117.
- Coleman, R. A.; Smith, W. L. und Narumiya, S. (1994):  
International Union of Pharmacology classification of prostanoid receptors: properties, distribution, and structure of the receptors and their subtypes.  
*Pharmacol Rev* 46 (2). 205-29.
- Davis, B. J.; Lennard, D. E.; Lee, C. A.; Tiano, H. F.; Morham, S. G.; Wetsel, W. C. und Langenbach, R. (1999):  
Anovulation in cyclooxygenase-2-deficient mice is restored by prostaglandin E2 and interleukin-1beta.  
*Endocrinology* 140 (6). 2685-95.
- Dubois, R. N.; Abramson, S. B.; Crofford, L.; Gupta, R. A.; Simon, L. S.; Van De Putte, L. B. und Lipsky, P. E. (1998):  
Cyclooxygenase in biology and disease.  
*Faseb J* 12 (12). 1063-73.
- Dusting, G. J.; Moncada, S. und Vane, J. R. (1982):  
Prostacyclin: its biosynthesis, actions, and clinical potential.  
*Adv Prostaglandin Thromboxane Leukot Res* 10. 59-106.
- Ellington, J. E. (1991):  
The bovine oviduct and its role in reproduction: a review of the literature.  
*Cornell Vet* 81 (3). 313-28.
-

Fischer, C. (2006):

Erstellung von Expressionsprofilen im Endometrium von Milchkühen als Voraussetzung zur Konzeptionsbereitschaft.

Freie Universität Berlin. 132.

Fitzpatrick, R.; Casey, O. M.; Morris, D.; Smith, T.; Powell, R. und Sreenan, J. M. (2002):

Postmortem stability of RNA isolated from bovine reproductive tissues.

Biochim Biophys Acta 1574 (1). 10-4.

Gabler, C.; Lauer, B.; Einspanier, A.; Schams, D. und Einspanier, R. (1997):

Detection of mRNA and immunoreactive proteins for acidic and basic fibroblast growth factor and expression of the fibroblast growth factor receptors in the bovine oviduct.

J Reprod Fertil 109 (2). 213-21.

Garavito, R. M.; Malkowski, M. G. und DeWitt, D. L. (2002):

The structures of prostaglandin endoperoxide H synthases-1 and -2.

Prostaglandins Other Lipid Mediat 68-69. 129-52.

Gelety, T. J. und Chaudhuri, G. (1992):

Prostaglandins in the ovary and fallopian tube.

Baillieres Clin Obstet Gynaecol 6 (4). 707-29.

Gerena, R. L.; Irikura, D.; Urade, Y.; Eguchi, N.; Chapman, D. A. und Killian, G. J. (1998):

Identification of a fertility-associated protein in bull seminal plasma as lipocalin-type prostaglandin D synthase.

Biol Reprod 58 (3). 826-33.

Goff, A. K. (2004):

Steroid hormone modulation of prostaglandin secretion in the ruminant endometrium during the estrous cycle.

Biol Reprod 71 (1). 11-6.

Goldberg, V. J. und Ramwell, P. W. (1975):

Role of prostaglandins in reproduction.

Physiol Rev 55 (3). 325-51.

Grippo, A. A.; Anderson, S. H.; Chapman, D. A.; Henault, M. A. und Killian, G. J. (1994):

Cholesterol, phospholipid and phospholipase activity of ampullary and isthmic fluid from the bovine oviduct.

J Reprod Fertil 102 (1). 87-93.

Gross, G. A.; Imamura, T.; Luedke, C.; Vogt, S. K.; Olson, L. M.; Nelson, D. M.; Sadovsky, Y. und Muglia, L. J. (1998):

Opposing actions of prostaglandins and oxytocin determine the onset of murine labor.  
Proc Natl Acad Sci U S A 95 (20). 11875-9.

Gurevich, M.; Harel-Markowitz, E.; Marcus, S.; Shore, L. S. und Shemesh, M. (1993):  
Prostaglandin production by the oocyte cumulus complex around the time of fertilization and the effect of prostaglandin E on the development of the early bovine embryo.  
Reprod Fertil Dev 5 (3). 281-3.

Gurevich, M. und Shemesh, M. (1994):  
Induction of cyclooxygenase and prostaglandin E2 production by the bovine pre-embryo.  
Reprod Fertil Dev 6 (6). 687-91.

Han, S. W.; Lei, Z. M. und Rao, C. V. (1996):  
Up-regulation of cyclooxygenase-2 gene expression by chorionic gonadotropin in mucosal cells from human fallopian tubes.  
Endocrinology 137 (7). 2929-37.

Heesch, C. M.; Valenzuela, G. und Hodgson, B. J. (1977):  
Comparison of the effects of prostaglandins D2, F2alpha and E1 on spontaneous contractions of rabbit oviduct.  
Prostaglandins 14 (2). 279-82.

Helliwell, R. J.; Adams, L. F. und Mitchell, M. D. (2004):  
Prostaglandin synthases: recent developments and a novel hypothesis.  
Prostaglandins Leukot Essent Fatty Acids 70 (2). 101-13.

Hirabayashi, T.; Murayama, T. und Shimizu, T. (2004):  
Regulatory mechanism and physiological role of cytosolic phospholipase A2.  
Biol Pharm Bull 27 (8). 1168-73.

Hizaki, H.; Segi, E.; Sugimoto, Y.; Hirose, M.; Saji, T.; Ushikubi, F.; Matsuoka, T.; Noda, Y.; Tanaka, T.; Yoshida, N.; Narumiya, S. Ichikawa, A. (1999):  
Abortive expansion of the cumulus and impaired fertility in mice lacking the prostaglandin E receptor subtype EP(2).  
Proc Natl Acad Sci U S A 96 (18). 10501-6.

Huang, J. C.; Arbab, F.; Tumbusch, K. J.; Goldsby, J. S.; Matijevic-Aleksic, N. und Wu, K. K. (2002):  
Human fallopian tubes express prostacyclin (PGI) synthase and cyclooxygenases and synthesize abundant PGI.  
J Clin Endocrinol Metab 87 (9). 4361-8.

---

Huang, J. C.; Wun, W. S.; Goldsby, J. S.; Wun, I. C.; Falconi, S. M. und Wu, K. K. (2003):  
Prostacyclin enhances embryo hatching but not sperm motility.  
Hum Reprod 18 (12). 2582-9.

Huang, J. C.; Wun, W. S.; Goldsby, J. S.; Matijevic-Aleksic, N. und Wu, K. K. (2004a):  
Cyclooxygenase-2-derived endogenous prostacyclin enhances mouse embryo hatching.  
Hum Reprod 19 (12). 2900-2906.

Huang, J. C.; Goldsby, J. S.; Arbab, F.; Melhem, Z.; Aleksic, N. und Wu, K. K. (2004b):  
Oviduct prostacyclin functions as a paracrine factor to augment the development of embryos.  
Hum Reprod 19 (12). 2907-2912.

Ireland, J. J.; Murphee, R. L. und Coulson, P. B. (1980):  
Accuracy of predicting stages of bovine estrous cycle by gross appearance of the corpus  
luteum.  
J Dairy Sci 63 (1). 155-60.

Kennedy, C. R.; Zhang, Y.; Brandon, S.; Guan, Y.; Coffee, K.; Funk, C. D.; Magnuson, M. A.;  
Oates, J. A.; Breyer, M. D. und Breyer, R. M. (1999):  
Salt-sensitive hypertension and reduced fertility in mice lacking the prostaglandin EP2  
receptor.  
Nat Med 5 (2). 217-20.

Kniss, D. A. (1999):  
Cyclooxygenases in reproductive medicine and biology.  
J Soc Gynecol Investig 6 (6). 285-92.

Kudo, I. und Murakami, M. (2002):  
Phospholipase A2 enzymes.  
Prostaglandins Other Lipid Mediat 68-69. 3-58.

Kudo, I. und Murakami, M. (2005):  
Prostaglandin synthase, a terminal enzyme for prostaglandin E2 biosynthesis.  
J Biochem Mol Biol 38 (6). 633-8.

Kyhse-Andersen, J. (1984):  
Electroblotting of multiple gels: a simple apparatus without buffer tank for rapid transfer of  
proteins from polyacrylamide to nitrocellulose.  
J Biochem Biophys Methods 10 (3-4). 203-9.

Lala, P. K. (1990):  
Interruption of murine pregnancy by activation of antigen-non-specific killer cells in the  
endometrium with indomethacin, high dose IL-2 or a combination.  
Res Immunol 141 (2). 159-64.

Lappas, M. und Rice, G. E. (2004):

Phospholipase A2 isozymes in pregnancy and parturition.  
Prostaglandins Leukot Essent Fatty Acids 70 (2). 87-100.

Lim, H.; Paria, B. C.; Das, S. K.; Dinchuk, J. E.; Langenbach, R.; Trzaskos, J. M. und Dey, S. K. (1997):

Multiple female reproductive failures in cyclooxygenase 2-deficient mice.  
Cell 91 (2). 197-208.

Lim, H.; Gupta, R. A.; Ma, W. G.; Paria, B. C.; Moller, D. E.; Morrow, J. D.; DuBois, R. N.; Trzaskos, J. M. und Dey, S. K. (1999):

Cyclo-oxygenase-2-derived prostacyclin mediates embryo implantation in the mouse via PPARdelta.

Genes Dev 13 (12). 1561-74.

Lindblom, B.; Wilhelmsson, L. und Wiqvist, N. (1979):

The action of prostacyclin (PGI<sub>2</sub>) on the contractility of the isolated circular and longitudinal muscle layers of the human oviduct.

Prostaglandins 17 (1). 99-104.

Lindblom, B.; Wilhelmsson, L.; Wikland, M.; Hamberger, L. und Wiqvist, N. (1983):

Prostaglandins and oviductal function.

Acta Obstet Gynecol Scand Suppl 113. 43-6.

Lucas, K. K. und Dennis, E. A. (2004):

The ABC's of Group IV cytosolic phospholipase A2.

Biochim Biophys Acta 1636 (2-3). 213-8.

Madore, E.; Harvey, N.; Parent, J.; Chapdelaine, P.; Arosh, J. A. und Fortier, M. A. (2003):

An aldose reductase with 20 alpha-hydroxysteroid dehydrogenase activity is most likely the enzyme responsible for the production of prostaglandin f2 alpha in the bovine endometrium.

J Biol Chem 278 (13). 11205-12.

Morishita, T.; Nozaki, M.; Sano, M.; Yokoyama, M.; Nakamura, G. und Nakano, H. (1992):

Regional differences of phospholipase A2 activity in the rabbit oviductal epithelium.

Prostaglandins Leukot Essent Fatty Acids 47 (3). 199-202.

Morishita, T.; Nozaki, M.; Sano, M.; Yokoyama, M.; Nakamura, G. und Nakano, H. (1993):

Changes in phospholipase A2 activity of the rabbit ampullary epithelium by ovarian steroids.

Prostaglandins Leukot Essent Fatty Acids 48 (4). 315-8.

Morita, I. (2002):

Distinct functions of COX-1 and COX-2.

Prostaglandins Other Lipid Mediat 68-69. 165-75.

Murakami, M.; Kudo, I. und Inoue, K. (1995):

Secretory phospholipases A2.

J Lipid Mediat Cell Signal 12 (2-3). 119-30.

Murakami, M.; Kambe, T.; Shimbara, S. und Kudo, I. (1999):

Functional coupling between various phospholipase A2s and cyclooxygenases in immediate and delayed prostanoid biosynthetic pathways.

J Biol Chem 274 (5). 3103-15.

Murakami, M.; Naraba, H.; Tanioka, T.; Semmyo, N.; Nakatani, Y.; Kojima, F.; Ikeda, T.; Fueki, M.; Ueno, A.; Oh, S. Kudo, I. (2000):

Regulation of prostaglandin E2 biosynthesis by inducible membrane-associated prostaglandin E2 synthase that acts in concert with cyclooxygenase-2.

J Biol Chem 275 (42). 32783-92.

Murakami, M. und Kudo, I. (2002):

Phospholipase A2.

J Biochem (Tokyo) 131 (3). 285-92.

Murakami, M.; Nakatani, Y.; Tanioka, T. und Kudo, I. (2002):

Prostaglandin E synthase.

Prostaglandins Other Lipid Mediat 68-69. 383-99.

Narumiya, S.; Sugimoto, Y. und Ushikubi, F. (1999):

Prostanoid receptors: structures, properties, and functions.

Physiol Rev 79 (4). 1193-226.

Narumiya, S. und FitzGerald, G. A. (2001):

Genetic and pharmacological analysis of prostanoid receptor function.

J Clin Invest 108 (1). 25-30.

Needleman, P. und Isakson, P. C. (1997):

The discovery and function of COX-2.

J Rheumatol Suppl 49. 6-8.

Oda, S.; Gabler, C.; Holder, C. und Einspanier, R. (2006):

Differential expression of cyclooxygenase 1 and cyclooxygenase 2 in the bovine oviduct during the estrous cycle.

J Endocrinol Oct 191 (1). 263-274.

Otto, J. C. und Smith, W. L. (1995):

Prostaglandin endoperoxide synthases-1 and -2.

J Lipid Mediat Cell Signal 12 (2-3). 139-56.

Parent, J.; Villeneuve, C. und Fortier, M. A. (2003):

Evaluation of the contribution of cyclooxygenase 1 and cyclooxygenase 2 to the production of PGE2 and PGF2 alpha in epithelial cells from bovine endometrium.

Reproduction 126 (4). 539-47.

Parent, J. und Fortier, M. A. (2005):

Expression and contribution of three different isoforms of prostaglandin E synthase in the bovine endometrium.

Biol Reprod 73 (1). 36-44.

Perez Martinez, S.; Franchi, A. M.; Viggiano, J. M.; Herrero, M. B. und Gimeno, M. (1998):

Effect of prostaglandin F2 alpha (PGF2 alpha) on oviductal nitric oxide synthase (NOS) activity: possible role of endogenous NO on PGF2 alpha-induced contractions in rat oviduct.

Prostaglandins Other Lipid Mediat 56 (2-3). 155-66.

Regan, J. W. (2003):

EP2 and EP4 prostanoid receptor signaling.

Life Sci 74 (2-3). 143-53.

Ruckebusch, Y. und Bayard, F. (1975):

Motility of the oviduct and uterus of the cow during the oestrous cycle.

J Reprod Fertil 43 (1). 23-32.

Saito, S.; Tsuda, H. und Michimata, T. (2002):

Prostaglandin D2 and reproduction.

Am J Reprod Immunol 47 (5). 295-302.

Sakamoto, K.; Kamimura, M.; Kurozumi, S. und Ito, S. (1995):

Prostaglandin F2 alpha receptor.

J Lipid Mediat Cell Signal 12 (2-3). 405-11.

Saksena, S. K. und Harper, J. K. (1975):

Relationship between concentration of prostaglandin F (PGF) in the oviduct and egg transport in rabbits.

Biol Reprod 13 (1). 68-76.

Sales, K. J. und Jabbour, H. N. (2003):

Cyclooxygenase enzymes and prostaglandins in reproductive tract physiology and pathology.

Prostaglandins Other Lipid Mediat 71 (3-4). 97-117.



Salustri, A.; Petrunaro, S. und Siracusa, G. (1985):

Granulosa cells stimulate in vitro the expansion of isolated mouse cumuli oophori: involvement of prostaglandin E<sub>2</sub>.

Biol Reprod 33 (1). 229-34.

Sanger, F.; Nicklen, S. und Coulson, A. R. (1977):

DNA sequencing with chain-terminating inhibitors.

Proc Natl Acad Sci U S A 74 (12). 5463-7.

Scholz, H. (2003):

Prostaglandins.

Am J Physiol Regul Integr Comp Physiol 285 (3). R512-4.

Sirois, J. und Richards, J. S. (1992):

Purification and characterization of a novel, distinct isoform of prostaglandin endoperoxide synthase induced by human chorionic gonadotropin in granulosa cells of rat preovulatory follicles.

J Biol Chem 267 (9). 6382-8.

Sirois, J. (1994):

Induction of prostaglandin endoperoxide synthase-2 by human chorionic gonadotropin in bovine preovulatory follicles in vivo.

Endocrinology 135 (3). 841-8.

Smith, W. L.; DeWitt, D. L. und Allen, M. L. (1983):

Bimodal distribution of the prostaglandin I<sub>2</sub> synthase antigen in smooth muscle cells.

J Biol Chem 258 (9). 5922-6.

Smith, W. L.; Garavito, R. M. und DeWitt, D. L. (1996):

Prostaglandin endoperoxide H synthases (cyclooxygenases)-1 and -2.

J Biol Chem 271 (52). 33157-60.

Smith, W. L. und Langenbach, R. (2001):

Why there are two cyclooxygenase isozymes.

J Clin Invest 107 (12). 1491-5.

Song, C.; Chang, X. J.; Bean, K. M.; Proia, M. S.; Knopf, J. L. und Kriz, R. W. (1999):

Molecular characterization of cytosolic phospholipase A<sub>2</sub>-beta.

J Biol Chem 274 (24). 17063-7.

Spilman, C. H. und Harper, M. J. (1975):

Effects of prostaglandins on oviductal motility and egg transport.

Gynecol Invest 6 (3-4). 186-205.

Sugimoto, Y.; Yamasaki, A.; Segi, E.; Tsuboi, K.; Aze, Y.; Nishimura, T.; Oida, H.; Yoshida, N.; Tanaka, T.; Katsuyama, M.; Hasumoto, K.; Murata, T.; Hirata, M.; Ushikubi, F.; Negishi, M.; Ichikawa, A. Narumiya, S. (1997):

Failure of parturition in mice lacking the prostaglandin F receptor.  
*Science* 277 (5326). 681-3.

Tanabe, T. und Ullrich, V. (1995):

Prostacyclin and thromboxane synthases.  
*J Lipid Mediat Cell Signal* 12 (2-3). 243-55.

Tanabe, T. und Tohnai, N. (2002):

Cyclooxygenase isozymes and their gene structures and expression.  
*Prostaglandins Other Lipid Mediat* 68-69. 95-114.

Tanioka, T.; Nakatani, Y.; Semmyo, N.; Murakami, M. und Kudo, I. (2000):

Molecular identification of cytosolic prostaglandin E2 synthase that is functionally coupled with cyclooxygenase-1 in immediate prostaglandin E2 biosynthesis.  
*J Biol Chem* 275 (42). 32775-82.

Tiemann, U.; Neels, P.; Kuchenmeister, U.; Walzel, H. und Spitschak, M. (1996):

Effect of ATP and platelet-activating factor on intracellular calcium concentrations of cultured oviductal cells from cows.  
*J Reprod Fertil* 108 (1). 1-9.

Tsuboi, K.; Sugimoto, Y. und Ichikawa, A. (2002):

Prostanoid receptor subtypes.  
*Prostaglandins Other Lipid Mediat* 68-69. 535-56.

Ulbrich, S. E.; Kettler, A. und Einspanier, R. (2003):

Expression and localization of estrogen receptor alpha, estrogen receptor beta and progesterone receptor in the bovine oviduct in vivo and in vitro.  
*J Steroid Biochem Mol Biol* 84 (2-3). 279-89.

Urade, Y. und Eguchi, N. (2002):

Lipocalin-type and hematopoietic prostaglandin D synthases as a novel example of functional convergence.  
*Prostaglandins Other Lipid Mediat* 68-69. 375-82.

Ushikubi, F.; Sugimoto, Y.; Ichikawa, A. und Narumiya, S. (2000):

Roles of prostanoids revealed from studies using mice lacking specific prostanoid receptors.  
*Jpn J Pharmacol* 83 (4). 279-85.

- Verdugo, P.; Rumery, R. E. und Tam, P. Y. (1980):  
Hormonal control of oviductal ciliary activity: effect of prostaglandins.  
*Fertil Steril* 33 (2). 193-6.
- Walter, I. (1995):  
Culture of bovine oviduct epithelial cells (BOEC).  
*Anat Rec* 243 (3). 347-56.
- Watanabe, K. (2002):  
Prostaglandin F synthase.  
*Prostaglandins Other Lipid Mediat* 68-69. 401-7.
- Wijayagunawardane, M. P.; Miyamoto, A.; Cerbito, W. A.; Acosta, T. J.; Takagi, M. und Sato, K. (1998):  
Local distributions of oviductal estradiol, progesterone, prostaglandins, oxytocin and endothelin-1 in the cyclic cow.  
*Theriogenology* 49 (3). 607-18.
- Wijayagunawardane, M. P.; Choi, Y. H.; Miyamoto, A.; Kamishita, H.; Fujimoto, S.; Takagi, M. und Sato, K. (1999a):  
Effect of ovarian steroids and oxytocin on the production of prostaglandin E<sub>2</sub>, prostaglandin F<sub>2</sub>α and endothelin-1 from cow oviductal epithelial cell monolayers in vitro.  
*Anim Reprod Sci* 56 (1). 11-7.
- Wijayagunawardane, M. P.; Miyamoto, A. und Sato, K. (1999b):  
Prostaglandin E<sub>2</sub>, prostaglandin F<sub>2</sub> α and endothelin-1 production by cow oviductal epithelial cell monolayers: effect of progesterone, estradiol 17 β, oxytocin and luteinizing hormone.  
*Theriogenology* 52 (5). 791-801.
- Wijayagunawardane, M. P.; Miyamoto, A.; Taquahashi, Y.; Gabler, C.; Acosta, T. J.; Nishimura, M.; Killian, G. und Sato, K. (2001):  
In vitro regulation of local secretion and contraction of the bovine oviduct: stimulation by luteinizing hormone, endothelin-1 and prostaglandins, and inhibition by oxytocin.  
*J Endocrinol* 168 (1). 117-30.
- Wijayagunawardane, M. P. und Miyamoto, A. (2004):  
Tumor necrosis factor alpha system in the bovine oviduct: a possible mechanism for embryo transport.  
*J Reprod Dev* 50 (1). 57-62.
- Wijayagunawardane, M. P.; Kodithuwakku, S. P. und Miyamoto, A. (2005):  
Spermatozoa mechanically stimulates prostaglandin production by the bovine oviductal epithelial cells.  
*Biol Reprod Special Issue*. 88.