
Full Bibliography:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/diane.duffy.1/bibliography/41144443/public/?sort=date&direction=ascending>

Recent Publications

Book Chapters and Reviews

1. **Duffy DM**, Ko C, Jo M, Brannstrom M, Curry TE Jr. Ovulation: Parallels with Inflammatory Processes. *Endocrine Reviews*, 40: 369-416, 2019
**selected for inclusion in an Endocrine Society thematic issue on Women's Health in 2019
2. **Duffy DM**, Archer DF. Female Contraception. In: *Encyclopedia of Reproduction*, 2nd Edition, Volume 2, Chapter 38. Edited by M. Spencer and J. Flaws. Elsevier, New York NY, 2018.
3. Kim SO, **Duffy DM**. Mapping PTGERS to the Ovulatory Follicle: Regional Responses to the Ovulatory PGE2 Signal. *Biol Reprod*, 95:33, 2016.
4. **Duffy DM**. Novel Contraceptive Targets to Inhibit Ovulation: The Prostaglandin E2 Pathway. *Human Reproduction Update* 21: 652-70, 2015

Peer Reviewed Original Research Articles

1. Shrestha K, Wynn MA, Garcia PG, Hannon PR, Jo M, **Duffy DM**, Drnevich J, Curry TE Jr. Neurotensin Expression, Regulation, and Function during the Ovulatory Period in the Mouse Ovary. *Biol Reprod*. 2023 Jan 14;108(1):107-120. doi: 10.1093/biolre/iaac191
2. Lund M, Pearson AC, Sage MAG, **Duffy DM**. Luteinizing Hormone Receptor Promotes Angiogenesis In Ovarian Endothelial Cells of *Macaca fascicularis* and *Homo sapiens*. *Biol Reprod*. 2023 Feb 13;108(2):258-268. doi: 10.1093/biolre/iaac189.
3. Al-Alem L, Puttabyatappa M, Shrestha K, Rosewell K, Brannstrom M, Akin J, **Duffy DM**, Curry TE Jr. Neurotensin: A neuropeptide induced by hCG in the human and rat ovary during the ovulatory period. *Biol Reprod* 104: 1337-1346, 2021.
4. Campbell GE, Bender HR, Parker GA, Curry TE Jr., **Duffy DM**. Neurotensin: A novel mediator of ovulation? *The FASEB Journal*. 2021;35:e21481. <https://doi.org/10.1096/fj.202002547RR>
5. Campbell GE, Jones EL, Comizzoli P, **Duffy DM**. Neurotensin stimulates the sperm acrosome reaction and reduces percentages of fertilization in vitro. *Fertil Steril Sci*, 1: 27-35, 2020.
**selected as one of 12 "Editors' Choice" papers published in the American Society for Reproductive Medicine family of journals in 2020-2021.
6. Lundberg PS, Moskowitz GJ, Bellacose C, Demirel E, Trau HA, **Duffy DM**. Granulosa cell proliferation is inhibited by PGE2 in the primate ovulatory follicle. *Animal Cells and Systems*, 24:3, 125-135; 2020. <https://doi.org/10.1080/19768354.2020.1764385>
7. Park CJ, Lin P-C, Zhou S, Barakat R, Bashir ST, Choi JM, Cacioppo JA, Oakley OR, **Duffy DM**, Lydon JP, Ko CJ. Progesterone receptor serves the ovary as a trigger of ovulation and terminator of inflammation. *Cell Reports*, 31:2, 107496, 2020. doi: 10.1016/j.celrep.2020.03.060
8. Bender HR, Campbell GE, Aytoda P, Mathieson AH, **Duffy DM**. Thrombospondin 1 (THBS1) promotes follicular angiogenesis, luteinization, and ovulation in primates. *Frontiers in Endocrinology*, 10: 727; 2019.
9. Hannon PR, **Duffy DM**, Rosewell KL, Brannstrom M, Akin JW, Curry TE Jr. Induction of secretogranin II during ovulation stimulates angiogenesis in the human ovary by its cleaved peptide secretoneurin. *Endocrinology*, 159: 2477-2458; 2018.

10. Bender HR, Trau HA, **Duffy DM**. Placental Growth Factor is Required for Ovulation, Luteinization, and Angiogenesis in Primate Ovulatory Follicles. *Endocrinology*, 159:710-722; 2018.
11. Kim SO, Trau HA, **Duffy DM**. VEGFC and VEGFD May Promote Angiogenesis in the Primate Ovulatory Follicle. *Biol Reprod*, 96:389-400; 2017.
12. Trau HA, Brannstrom M, Curry TE Jr, **Duffy DM**. Prostaglandin E2 and Vascular Endothelial Growth Factor A Mediate Angiogenesis of Human Ovarian Follicular Endothelial Cells. *Human Reprod*, 31:436-444, 2016.
13. Sharp JA, Hair PS, Pallera HK, Kumar PS, Mauriello CT, Nyalwidhe JO, Phelps CA, Park D, Thielens NM, Pascal SM, Chen W, **Duffy DM**, Lattanzio FA, Cunnion KM, Krishna NK. Peptide Inhibitor of Complement C1 (PIC1) rapidly inhibits complement activation after intravascular injection in rats. *PLOS ONE*, 10:e0132446, 2015. PMID:26196285
14. Kim SO, Markosyan N, Pepe GJ, **Duffy DM**. Estrogen promotes luteolysis by redistribution of prostaglandin F2 α (PGF2 α) receptors within luteal cells. *Reproduction*, 149:453-464, 2015. PMID:24506073
15. Trau HA, Davis JS, **Duffy DM**. Angiogenesis in the primate ovulatory follicle is stimulated by luteinizing hormone via prostaglandin E2. *Biol Reprod*, 92: 15, 2015. PMID:25376231
16. Puttabyatappa M, Jacot TA, Al-Alem LF, Rosewell KL, **Duffy DM**, Brannstrom M, Curry TE Jr. Ovarian membrane type matrix metalloproteinases: induction of MMP14 and MMP16 during the periovulatory period in the rat, macaque and human. *Biol Reprod*, 91: 34, 2014. PMID:24920038
17. Stilley JA, Guan R, **Duffy DM**, Segaloff DL. Signaling through FSH receptors on human umbilical vein endothelial cells promotes angiogenesis. *J Clin Endocrinol Metab*, 99: E813-820, 2014. PMID:24527712
18. Kim SO, Harris SM, **Duffy DM**. Prostaglandin E2 (EP) receptors mediate PGE2-specific events in ovulation and luteinization within primate ovarian follicles. *Endocrinology*, 155: 1466-1475, 2014. PMID: 24506073
19. Kim SO, Dozier BL, Kerry JA, **Duffy DM**. EP3 Receptor Isoforms are Differentially Expressed in Subpopulations of Primate Granulosa Cells and Couple to Unique G Proteins. *Reproduction*, 146: 625-635, 2013. PMID: 24062570
20. McCann NC, Lynch TJ, Kim SO, **Duffy DM**. The COX-2 inhibitor meloxicam prevents pregnancy when administered as an emergency contraceptive to nonhuman primates. *Contraception*, 88: 744-748, 2013. PMID: 24120248
21. Aschenbach LC, Hester KE, McMann NC, Zhang J-G, Dimitriadis E, **Duffy DM**. The LIF receptor antagonist PEGLA is effectively delivered to the uterine endometrium and blocks LIF activity in cynomolgus monkeys. *Contraception* 87: 813-23, 2013. PMID: 23121824