

Prof. Dr. Ruth Grümmer

Publications

1. Demond H, Trapphoff T, Dankert D, Heiligentag M, Grümmer R, Horsthemke B, Eichenlaub-Ritter U (2016):
Preovulatory aging in vivo and in vitro affects maturation rates, abundance of selected proteins, histone methylation pattern and spindle integrity in murine oocytes. PLOS One, 2016 Sep 9;11(9):e0162722
2. T. Trapphoff, M. Heiligentag, D. Dankert, H. Demond, D. Deutsch, T. Fröhlich, G. J. Arnold, R. Grümmer, B. Horsthemke, U. Eichenlaub-Ritter (2016)
Postovulatory aging affects dynamics of mRNA, expression and localization of maternal effect proteins, spindle integrity and pericentromeric proteins in mouse oocytes. Human Reproduction 31(1): 133-149.
3. Schumann S, Buck VU, Classen-Linke I, Wennemuth G, Grümmer R (2015)
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4. Dankert D, Demond H, Trapphoff T, Heiligentag M, Rademacher K, Eichenlaub-Ritter U, Horsthemke B, Grümmer R (2014).
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5. Söhngen L, Schmidt M, Wimberger P, Kimmig R, Grümmer R (2014).
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8. Grümmer, R. (2013)
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Semin Reprod Med 31:125–132.
9. Petersen R, Eggert A, Grümmer R, Schara U, Sauerwein W (2012)
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10. Hoyer C, Vogt MA, Zaun G, Zahedi Y, Maderwald S, Ladd ME, Winterhager E, Grümmer R, Gass P: (2012)
Repetitive exposure to a 7 Tesla static magnetic field of mice *in utero* does not cause alterations in basal emotional and cognitive behavior in adulthood.
Reproductive Toxicology 34(1):86-92.

11. Sood A, Salih S, Roh D, Lacharme-Lora L, Parry M, Hardiman B, Keehan R, Grummer R, et al. (2011)
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12. Vallejo G, Mestre-Citrinovitz AC, Mönckedieck V, Grümmer R, Winterhager E, Saragüeta P. (2011)
Ovarian steroid receptors and activated MAPK in the regional decidualization in rats.
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13. Grümmer R, Winterhager E (2011)
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15. Gruemmer R, Maderwald S, Winterhager E, Hauth E. (2010)
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17. Winterhager E, Grummer R, Mavrogianis PA, Jones CJ, Hastings JM, Fazleabas AT (2009)
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18. Bruegmann E, Gruemmer R, Neulen J, Motejlek K (2009)
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26. Grümmer R, Klein-Hitpaß L, Neulen J (2005)
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27. Grümmer R, Hewitt S.W., Traub O, Korach K.S., Winterhager E (2004)
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