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Joaquin Gadea was born in Cádiz, Spain. He received the Doctor Veterinary Medicine degree and the Ph.D. degree from the University of Murcia (Spain). Diplomate from the European College of Animal Reproduction (ECAR). Profesor Titular (University Lecturer) in the Dept. Fisiología. Facultad de Veterinaria. Universidad de Murcia. Spain. Academic Visitor in the Department of Pharmacology. University of Oxford. Research focused in animal reproduction.

#### Publications

#### Full papers

1. GARCÍA-VAZQUEZ FA, RUIZ S, GRULLÓN LA, DE ONDIZ A, GUTIERREZ-ADAN A, **GADEA J**. Factors affecting the sperm mediated gene transfer in porcine. *Research in Veterinary Science*. (in press).
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3. MATAS C, SANSEGUNDO M, RUIZ S, GARCIA-VAZQUEZ FA, **GADEA J**, ROMAR R, COY P. Sperm treatment affects capacitation parameters and penetration ability of ejaculated and epididymal boar spermatozoa. *Theriogenology*. 2010 Aug 4. [Epub ahead of print]
4. PARRINGTON J, COWARD K, **GADEA J**. Sperm and Testis Mediated DNA Transfer as a Means of Gene Therapy. *Systems Biology in Reproductive Medicine* (in press)
5. CANOVAS S, GUTIERREZ-ADAN A, **GADEA J**. Effect of exogenous DNA on bovine sperm functionality using Sperm mediated gene transfer (SMGT) technique. *Molecular Reproduction and Development* 2010 77(8):687-98.
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producción in vivo de embriones transgénicos. Revista científica de la Facultad de Ciencias Veterinarias de la Universidad del Zulia. 2010. 20:81-88.

11. MARTINEZ-SOTO JC, HOURCADE JD, GUTIÉRREZ-ADÁN A, LANDERAS JL, **GADEA J**. Effect of genistein supplementation of thawing medium on characteristics of frozen human spermatozoa. *Asian Journal of Andrology*. 2010. 12(3):431-41 PMID: 20173768.
12. COY P, **GADEA J**, RATH D, HUNTER RHF. Differing sperm ability to penetrate the oocyte in vivo and in vitro as revealed using colloidal preparations. *Theriogenology*. 72 (2009) 1171–1179.
13. GARCÍA-VAZQUEZ FA, GARCIA-ROSELLÓ E, GUTIERREZ-ADAN A, **GADEA J**. Effect of the sperm treatment on efficiency of porcine transgenic embryo production by ICSI-SMGT. *Theriogenology* 2009 72: 506-518.
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#### Book chapters

- **GADEA J**, GARCIA-VAZQUEZ F, CANOVAS S, PARRINGTON J. Sperm-mediated Gene Transfer in Agricultural Species. In: *Sperm-mediated Gene Transfer: Concepts and Controversies*. K Smith (Eds.) Bentham Science Publishers. (In press).
- **GADEA J**, PARRINGTON J, KASHIR J, COWARD K. Male reproductive tract and spermatogenesis. In: *Textbook of Clinical Embriology*. K Coward, D. Wells (Eds.). Cambridge University Press. Cambridge. 2010. ISBN. 9780521166409. Chapter 3. (in press)
- **GADEA J**. Evaluation of the sperm functionality. In: *Reviews on Basic Andrology* Editors: Ma Isabel Arenas and M<sup>a</sup> Val T. Lobo. Research Signpost 2007 Chapter 8. ISBN: 978-81-308-0211-4. Pages 151-167