

ANDROLOGY



Coordinator

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Members

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MAIN LINES OF RESEARCH

Genetics applied to male infertility.

Male fertility preservation in oncological patients

Optimisation of preimplantation genetics diagnosis and in vitro fertilization techniques.

Clinical research into new surgical procedures, drugs and medical devices applied to andrological diseases and conditions (male sexual dysfunction, hypogonadism, Peyronie disease, premature ejaculation, sexually transmitted diseases).

SCIENTIFIC CHALLENGES

Our multidisciplinary team of professionals develops translational research in the field of diagnosis and treatment of andrological disorders. To improve our knowledge and thereby improve healthcare for patients, we seek to continue active projects, develop new lines of investigation, increase the number of international publications, train professionals and enhance collaboration with hospital and university groups inside and outside the IIB Sant Pau.

COLLABORATIONS WITH IIB SANT PAU GROUPS

- Nephrology Group
- Urology Group
- Gynecological group

EXTERNAL COLLABORATIONS

National collaborations

- Medical and Molecular Genetics Centre (RI)-IDIBELL: genetics applied to infertility.
- Cellular Biology and Medical Genetics Unit-UAB: preimplantation genetic diagnosis techniques.

International collaborations

- Mario Serio Experimental and Clinical Biomedical Sciences Unit, University of Florence: genetics applied to male infertility.
- Reproductive Genomics Laboratory, Human Genetics Centre (KU Leuven): genetics applied to male infertility.
- New England Research Institutes: hypogonadism.
- European Academy of Andrology: radiology examinations of the male genital tract.

Private collaborations

- Participation in clinical studies including clinical trials and postauthorization studies sponsored by national and international pharmaceutical companies.

ACTIVE GRANTS

- “Estudio genético y genómico de subtipos específicos de azoospermia secretora: desarrollo de nuevas herramientas diagnósticas y pronósticas”. Krausz C. Exp: PI14/01250. Instituto de Salud Carlos III (FEDER cofunded). Duration 2015-2017. 86.500 €

SCIENTIFIC PRODUCTION

TIF: 4,0990 MIF: 2,0495

- Cosentino M., Kanashiro A., Vives A., Sanchez J., Peraza M.F., Moreno D., Perona J., de Marco V., Ruiz-Castane E., Sarquella J., Surgical treatment of Peyronie's disease with small intestinal submucosa graft patch (2016) INT J IMPOT RES, 28 (3), 106-109, IF: 1.2930
- Vaszko T., Papp J., Krausz C., Casamonti E., Geczi L., Olah E., Discrimination of deletion and duplication subtypes of the deleted in azoospermia gene family in the context of frequent interloci gene conversion (2016) PLOS ONE, 11 (10), -, IF: 2.8060

OTHER PUBLICATIONS

- Vives A., Vázquez A., Rajmil O., Cosentino M. Urethral condylomas in men: experience in 123 patients without previous treatment. (2016) INT J STD & AIDS 2016, Vol. 27 1 39–43- IF: 1.35

AWARDS

- Vinay, J.; Sarquella, J; Sánchez, J; Algaba, F; Gallegos, I; Rojas-Cruz, C; Palma, C. Sub-albuginean adipocyte accumulation is associated with erectile dysfunction: First clinical evidence and pathophysiological implications. Best poster in section "Last news in future treatments of erectile dysfunction". 31th EAU ANNUAL CONGRESS. Munich (Germany), 11-15 march.