

UROLOGY GROUP



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MAIN LINES OF RESEARCH

Tissue engineering applied to urological oncology and congenital urogenital malformations.

Genetic and immunohistochemistry analyses applied to urological cancers (diagnostic and prognostic biomarkers in urine, blood and tissues).

Clinical research of new surgical procedures, drugs and medical device products applied to urological oncology, kidney transplantation and benign urogenital pathology (e.g. incontinence, benign hyperplasia of the prostate, lithiasis).

SCIENTIFIC CHALLENGES

Translational research in the field of diagnosis and treatment of urological disorders. We seek to continue active projects, develop new lines of investigation, increase the number of international publications, train professionals and increase collaboration with hospital and university groups to improve our knowledge about kidney disorders and thereby improve healthcare for patients.

COLLABORATIONS WITH IIB-SANT PAU GROUPS

- Nephrology: genetic predisposition to prostate cancer.
- Clinical Epidemiology and Healthcare: epidemiological studies of urological cancers.
- Clinical Oncology: detection of prognosis biomarkers for drug response in kidney cancer.

EXTERNAL COLLABORATIONS

National academic collaborations

- IDIBELL Molecular Genetics Laboratory: cystine lithiasis.
- CNIO: biomarkers in bladder cancer.
- National scientific societies (Spanish Urology Association, etc): clinical studies.

International academic collaborations

- Aarhus University Molecular Genetics Department: bladder cancer.
- International Robotic Cystectomy Consortium: robotic cystectomy.
- International Renal Cell Carcinoma-Venous Thrombus Consortium: renal-cava thrombus in kidney cancer.

Private national and international collaborations

- Clinical trials and postauthorization studies promoted by national and international pharmaceutical companies.

ACTIVE GRANTS

- “Autologous enriched stem cell fat injection for the treatment of abdominal defects in patients with Exstrophy-Epispadias Complex”. Dra A Bujons. FIU “Pedro Cifuentes Diaz” Research Grant. Duration: 2016-2018. 18.000.

SCIENTIFIC PRODUCTION

TIF: 115,5080 MIF: 3,6096

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- “What is best port placement for urologic laparoscopy?”, Gaya JM, Emiliani E. Breda A. Practical Tips in Urology: Ed. Springer-Verlag London Limited, Rane, A., Turna, B., Autorino, R., Rassweiler, JJ (Eds.) págs. 559-566, ISBN: 978-1-4471-4347-5

AWARDS

- BEST POSTER "Endomicroscopia Confocal (EC) en tumor urotelial de tracto urinario superior (TMTUS)" Breda A., Territo A., Sanguedolce F., Manfredi M., Basile G., Gaya JM., Algaba F., Palou J., Villavicencio, H. Catalanian Society of Urology Congress. Barcelone, 30 Mars-1rst April
- BEST CASE AWARD "Litiasis ureteral en ectopia renal cruzada con fusión" Sabiote L., Mosquera M., Flores J., Català V., Emiliani F., Rousaud F., Sánchez-Martin F., Angerri O., Millan F., Villavicencio H. Catalanian Society of Urology Congress. Barcelone, 30 Mars-1rst April
- JOAQUIN ALBARRAN 2ND AWARD TO BEST POSTER “Transplante renal robotico: Resultados después de 1 año” Breda A., Territo A., ; Gausa L., Manfredi M., Domenech F., Ponce De León X., Rodríguez Faba O., Gaya JM., Tuğcu V., Decaestecker K., Stockle M., Fornara P., Olsburg J., Siena G., Doumerc N., Alcaraz A., Girado LL., Facundo C., Villavicencio H. Spansh Association of Urology- FIU Congress. Seville, 7-10 June
- BEST POSTER “Confocal laser endomicroscopy in upper tract urothelial cancer (UTUC)” Breda A., Territo A., Manfredi M., Guttilla A., Quaresima L., Gaya J., Algaba F., Palou J., Villavicencio H. American Urological Association Congress. Boston (Massachusetts-USA), 12-16 May

TRANSFER PRODUCTS

- “What should we know about prostate cancer. Patient Session”. Director: H. Villavicencio. Barcelone, 25th May