

# UROLOGY GROUP



## Coordinator

Villavicencio Maverich, Humberto- hvillavicencio@fundaciopuigvert.es

## Members

Algaba Arrea, Fernando  
Arce Terroba, Yolanda  
Breda, Alberto  
Bujons Tur, Ana  
Caffaratti Sfulcini, Jorge  
Millan Rodriguez, Felix  
Palou Redorta, Juan  
Rodriguez Faba, Oscar

## 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-Eispadias Complex”. Dra A Bujons. FIU “Pedro Cifuentes Diaz” Research Grant. Duration: 2016-2018. 18.000.

## SCIENTIFIC PRODUCTION

TIF: 203,9160 MIF: 5,5112

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## OTHER PUBLICATIONS

- Questions and answers on prostate multiparameter magnetic resonance imaging: Everything a urologist should know. Catala V., Salas D., Esquena S., Mateu S., Algaba F., Palou J., De la Torre P. (2016) ACTAS UROL ESP 40 6 339-352 IF: 1,1810
- Failure of Bacillus Calmette-Guérin therapy in non-muscle-invasive bladder cancer: Definition and treatment options. Gual Frau J., Palou J., Rodríguez O., Parada R., Breda A., Villavicencio H. (2016) ARCH ESP UROL 69 7 423-433 IF: 0,3230
- Clinical performance of prostate health index in men with tpsa>10ng/ml: results from a multicentric european study. Lazzeri M., Lughezzani G., Haese A., Mcnicholas T., De La Taille A., Buffi N., Cardone P., Hurler R., Casale P., Bini V., Palou J., Graefen M., Guazzoni G. (2016) UROL ONCOL 34 9 415 EE19 IF: 3,7670
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## AWARDS

- BEST POSTER RISING STARS AWARD IN UROLOGY "Focal Cryo-Ablation in Localized Radiation Failure Prostate Cancer". Juárez del Dago, P; Villavicencio, H; Breda, A; Bakavicius, A; Castellón, P; Moncada, E; Salas, D; Schwartzmann, I; Palou, J. VII RISING STARS IN UROLOGY. Granada (Spain), 25-26 February
- BEST POSTER AWARD IN SECTION "Last news in future treatments in erectile dysfunction". "Sub-albuginean adipocyte accumulation is associated with erectile dysfunction: First clinical evidence and pathophysiological implications". Vinay, J.; Sarquella, J; Sánchez, J; Algaba, F; Gallegos, I; Rojas-Cruz, C; Palma, C. 31th EAU ANNUAL CONGRESS. Munich (Germany), 11-15 March

- BEST POSTER AWARD “FDG PET-CT vs CT Scan in the staging of urothelial neoplasms”. Gaya, JM; Rodríguez, O; Maroto, P; Carrió, I; Parada, R; Kanashiro, A; Gómez de Liaño, A; Palou, J. AUA ANNUAL MEETING. San Diego (California (USA)), 6-10 May
- "JUAN FRÍAS Y HERRÁN" MEDAL. Villavicencio, H. Universidad San Francisco Xavier de Chuquisaca. Sucre (Bolívia), August