

# II Valencian Vesicles Workshop



**Centro de Investigación Príncipe Felipe**  
**September 26-27, 2019**

**Organization:**

**Dr. Akaitz Dorronsoro** - Instituto de Investigación Sanitaria La Fe  
**Dr. Antonio Marcilla** – Universitat de València/Instituto de Investigación Sanitaria La Fe  
**Dr. María Jesús Vicent** – Centro de Investigación Príncipe Felipe  
**Dr. José Enrique O'Connor** – Centro de Investigación Príncipe Felipe/Universitat de València  
**Dr. José Antonio López-Guerrero** – Instituto Valenciano de Oncología/Centro de Investigación Príncipe Felipe/ Universidad Católica de Valencia  
**Dr. Alicia Martínez-Romero** – Centro de Investigación Príncipe Felipe  
**Dr. Javier Sancho-Pelluz**– Universidad Católica de Valencia

**Supported by:**



## 26<sup>th</sup> September

### 16:00 Opening

(Chairs: Akaitz Dorronsoro/Alicia Martínez-Romero)

### 16:00 Selected Oral Presentations (I)

(Moderators: Akaitz Dorronsoro/Alicia Martínez-Romero)

- **Zoraida Andreu Martínez. CIPF.** High Throughput Screening (HTS) to Identify Exosome Biogenesis and Release Inhibitors.
- **Christian Miquel Sánchez López. IIS La Fe/Universitat de València.** Development and testing of small size exclusion chromatography columns in different biological samples.
- **Beatriz Martín Gracia. ICMA-CSIC.** Development of an ultrasensitive lateral flow immunoassay based on the use of gold nanoparticles to detect prostate cancer derived exosomes.
- **Raquel Cortes Vergaz. Biomedical Research Institute Hospital Clínico-INCLIVA.** Exosomal microRNA profile associated with renal damage in hypertension.
- **Maria Oltra Sanchis. Universidad Católica de Valencia San Vicente Mártir.** miRNA profile is deregulated by H<sub>2</sub>O<sub>2</sub> in ARPE-19 cells and their extracellular vesicles

### 17:30 Coffee & Poster session

### 18:00 Selected Oral Presentations (II)

(Moderators: Javier Sancho-Pelluz/José Enrique O'Connor)

- **Marta Gómez Ferrer. IIS La Fe.** Extracellular vesicles enhanced by in vitro preconditioning and genetic modification of MSCs show increased immunosuppression capacity in delayed-type hypersensitivity mouse model.
- **Rafael Sánchez Sánchez. IIS La Fe.** Extracellular vesicles derived from mesenchymal stromal cells as a therapeutic tool in doxorubicin cardiotoxicity.
- **Jorge Sanz Ros. Universitat de València.** Improvement of physiological functions in aging by small extracellular vesicles derived from mesenchymal stem cells.
- **Teresa Arnandis Chinesta. Queen Mary University of London/Universidad Católica de Valencia.** Paracrine invasion mediated by centrosome amplification.
- **Lorena Vidal Gil. Universidad Católica de Valencia San Vicente Mártir.** Role of extracellular vesicles in Retinitis Pigmentosa

## 27<sup>th</sup> September

### 09:00 Meet the experts

(Moderators: Antonio Marcilla/María Jesús Vicent)

- **Dra. Graça Raposo. Institut Curie**
- **Dr. Bernd Giebel. University Hospital Essen**
- **Dra. Marca Wauben. Utrecht University**

### 11:00 Coffee & Poster session

### 12:00 Awarded Posters Presentations

(Moderators: José Antonio Lopez-Guerrero/Akaitz Dorronsoro)

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### 13:00 Lunch

### 14:00 Course on Cytometry of Microvesicles

### 17:00 Closing