

**CHARLAS COMERCIALES DE PALEX MEDICAL EN EL CONGRESO  
DE LA SOCIEDAD IBÉRICA DE CITOMETRÍA:**

**19 Abril slot 15:45 – 16:15. Sala Tenerife II**

**Título de la charla:**

MULTIPARAMETRIC CHARACTERIZATION OF TELOMERE LENGTH IN T CELLS FROM PLWH BY Flow-FISH

**Resumen de la charla:**

People living with HIV (PLWH) on antiretroviral therapy (ART) have a higher prevalence of ageing-associated morbidities than uninfected individuals. We performed a multiparametric flow FISH technique to simultaneously assess relative telomere length (RTL) and CD4 and CD8 subset frequencies of T cells to determine immunoeaging in older PLWH compared to HIV-negative individuals.

**Nombre del ponente:** Macedonia Trigueros Peña



**Background del ponente:**

Macedonia Trigueros holds a degree in Biochemistry and a masters in Advanced Genetics.

She is doing a Ph.D. in Advanced Immunology at the Autonomous University of Barcelona, focusing on projects related to ageing and the immune system in the context of viral infections.

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**20 Abril en el slot 14:30 - 14:45. Sala Tenerife II**

**Título de la charla**

Next-generation cell mimics double as apoptosis and TBNK controls and efficient flow cytometry training tools

**Resumen de la charla:**

Here we show that SlingshotBiosciences has pioneered the development of polymer-based cell mimics that resemble a type of sample that researchers may encounter in their own experiments.

**Nombre del ponente:** Jordi Petriz



**Background del ponente:**

Jordi Petriz has been the President of the Iberian Society for Cytometry (SIC) councilor at the European Society for Clinical Cell Analysis (ESCCA) board He is leading the Funtional Cytomics research group at the Germans Trias i Pujol Research Insitute (IGTP).

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**Título de la charla.**

“Lab-in-a-cell analysis enabled by SPACHIP® Technology”

**Breve resumen de la charla**

At A4Cell we develop lab-in-a-cell devices for living single-cell analysis of intracellular parameters based on SPACHIP® technology. Cytocheck SPACHIP® detection kits are cellomic reagents to measure intracellular analytes by fluorescence, they are compatible with flow cytometry and fluorescence microscopy and allow long term monitorization due to their lack of cytotoxicity.

**Nombre del ponente:** Antonio Quílez Álvarez



**Background del ponente**

Dr. Antonio Quílez-Álvarez is Head of Applications at A4Cell. He obtained his PhD at CNIC (Spain) after his experience in biotech industry in Denmark. He also possesses background as a graduate in Materials Engineering.