



Zehra Kahveci is Postdoctoral Research Associate in College of Life and Environmental Sciences of University of Exeter (UoE). She graduated from University of Miguel Hernandez (UMH) on 2011 and realized her doctoral thesis titled: “Interaction between conjugated polyelectrolytes and biological systems: characterization and biotechnological applications” in Institute of Molecular and Cellular Biology (IBMC) under supervision of Dr Reyes Mateo, defended on 2016. She started to work in Pagliara Lab at Living Systems Institute of UoE on April 2017. Her current work is focused on designing and fabricating ad hoc microfluidic devices to study the kinetics of membrane transporters from uncultured marine microbes.

Contacto: z.kahveci@exeter.ac.uk

Web: <https://projects.exeter.ac.uk/biomicrofluidics/>

Seminario: Microfluidics: a tool for single-cell analysis

Resumen: Microfluidics provide efficient tools for numerous research areas, and especially for biological analysis as, for instance, the technology we develop in our laboratories. The seminar addresses the understanding of microfluidics which integrates a simple micro-sized system operation that commonly requires a whole laboratory. During the talk, the principles and advantages of the microfluidics, how to design and fabricate a lab-on a chip technology will be described.