



Wednesday, 26th May, 9.30am, Online Host: Prof. Luis M. Liz-Marzán

Imaging and targeting (pre)metastatic niches: implications for cancer immunotherapy

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M Soengas is the Head of the Melanoma group at the Spanish National Cancer Research Centre. She is also the Vicepresident of the Spanish Association for Research in Cancer (ASEICA). She will present new drivers of immune resistance in melanoma, but involving mechanisms that apply to other tumor types as well. The starting point of this work was a series of animal models that the Soengas group developed to visualize premetastatic niches in vivo. These systems, which they termed as MetAlert, allowed them to define when and where are these premetastatic sites activated. Here she will show how this information, combined with validation studies in large patient cohorts, allow for gene discovery and for pharmacological analyses of anticancer agents.