



## IDEAS SEMILLA AECC 2021 Adjudicatarios



**Dr. Juan Ignacio Aguilo**

Universidad de Zaragoza, Zaragoza

Subverting tumor-induced global immunosuppression by systemic administration of live mycobacterial vaccines

**Dr. Daniel Ajona**

Cima Universidad de Navarra, Navarra

Short-term starvation to improve the antitumor activity and attenuate the side effects of lung cancer immunotherapy

**Dra. Cristina Mayor**

Institut de Recerca Biomédica (IRB)- Barcelona, Barcelona

Overcoming PROTAC resistance in cancer treatment: new rules for a new pharmacology

**Dr. Lluís Ribas**

Institut de Recerca Biomédica (IRB)- Barcelona, Barcelona

Engineered mutagenic tRNAs for the treatment of pancreatic cancer

**Dr. Rafael Moreno**

Instituto de Investigación Biomédica de Bellvitge (IDIBELL), Barcelona

Optimization of menstrual blood-derived mesenchymal stem cells as cell carriers for oncolytic adenovirus

**Dra. Mirentxu Santos**

Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas (CIEMAT), Madrid

Generation of new gene editing in vivo lung cancer mouse models for preclinical use

**Dra. Inmaculada Martínez**

Universidad Autónoma de Barcelona, Barcelona

Revealing the secrets of heavy ion minibeam radiotherapy under the synchrotron light

**Dr. Benjamí Oller**

Institut Químic de Sarrià, CETS Fundació Privada, Barcelona

Development of an activatable antibody for efficient targeting of a gene nanotherapy to glioma stem cells

**Dr. Miguel Vázquez**

Universidad de Santiago de Compostela, La Coruña

A new family of anticancer drugs: selective cleavage of DNA three-way junctions by CU(II) peptide helicates acting as nucleases



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**Dr. Sebastian Thompson**

Instituto Madrileño de Estudios Avanzados en  
Nanociencia - IMDEA Nanociencia, Madrid

Nano-thermometry to a deeper understanding of  
the role of temperature in the BBB opening and its  
possible utilization in the treatment glioblastoma

**Dr. José Antonio Oteo**

Centro de Investigación Biomédica de La Rioja  
(CIBIR), La Rioja

Anastomotic leak after colon resection for cancer:  
could microbiota be the key?