

# Agenda

## LTC Sarea Encounter 2026

● 10.00-10.45 **Opening session**

● 10.45-12.30 **Colloquium**

10.45- 11.30 **Round table discussion I**

LTC Sarea as a driver of research, advanced training, and outstanding talent

11.30-12.15 **Round table discussion II**

From collaborative networks to innovation ecosystems  
— knowledge transfer, territorial development, and social impact

● 12:15-12.30 **Open discussion**

▲ 12.30-13.00 **Poster session & Interviews**

▲ 13.00-14.00 **Lunch**

■ 14.00-15.30 **Networking and inter-intra LTC meetings**  
Internal LTC Meetings / Inter-LTCs conversations / Scientific Poster presentations in the Atrium

● 15.30-16.00 **Closing session**

16.15: **Buses departure**

### SPACES

● AMPHITHÉÂTRE

▲ ATRIUM

■ ASSIGNED MEETING ROOMS

# Posters' List

LTC Sarea Encounter 2026

<p><b>1</b> <b>NEWHEGAZ Disruptive Technologies in the Zero-Emission Aircraft Aeronautical Industry</b> — Frank Girot Mata</p>	<p><b>LTC AENIGME</b></p>
<p><b>2</b> <b>The Role of the Locus Coeruleus-Hippocampus Pathway in the Early Phases of Parkinson's Disease</b> — Laura De las Heras</p>	<p><b>LTC COMORPD</b></p>
<p><b>3</b> <b>DNA-based Catalysis Membrane Reactor</b> — Helia Ventribout Rodriguez</p>	<p><b>LTC Incubator BIOMINT</b></p>
<p><b>4</b> <b>Early Modern Creole Ceramics in Cape Verde (16th–18th c.): Non-destructive pXRF evidence for insular production, technological hybridity and Atlantic provisioning</b> — Saul Alberto Guerrero Rivero</p>	<p><b>LTC Incubator MultiArchScience</b></p>
<p><b>5</b> <b>Astrocytic morphology in the Medial Habenula: sex differences and modulatory factors</b> — Cathaysa Rodriguez Cedres</p>	<p><b>LTC CannaMetHD</b></p>
<p><b>6</b> <b>Impact of membrane polyunsaturation on cannabinoid type 1 receptor pharmacology</b> — Jonatan Martínez Gardeazabal</p>	<p><b>LTC incubator LIP2SIGNAL</b></p>

<p><b>7</b> Axon Initial Segment (AIS) Remodeling in Retinal Ganglion Cells: Implications for Glaucoma and Neuroregeneration — Noelia Ruzafa Andres</p>	<p>LTC Incubator AISVision</p>
<p><b>8</b> Development of waterborne paints as Passive Daytime Radiative Cooling (PDRC) materials — Janire Aramberri Urbieta</p>	<p>LTC Green Concrete</p>
<p><b>9</b> Biobased Polymers as Sustainable Replacement for Perfluorosulfonic Acid Membranes in Proton Exchange Membrane Fuel Cell — Justine Elgoyhen</p>	<p>LTC AQUEUS</p>
<p><b>10</b> 2D and 3D models for the study of soft-tissue sealing of oral mucosa in dental implants — Irati Fernandez de Mendiola Peña</p>	<p>LTC CONVERTHER</p>
<p><b>11</b> Effect of Emerging pollutants at environmentally relevant concentrations on the transference of antibiotic-resistant genes — Itziar Alkorta Calvo</p>	<p>LTC Incubator EAR</p>
<p><b>12</b> Proprotein Convertases: Molecular Scissors Shaping the Hallmarks of Cancer — Naroa Fontal Moa</p>	<p>LTC CONVERTHER</p>
<p><b>13</b> From Flat to 3D: Toward Better Cancer Models: How 3D spheroids can help us understand metastasis and find better treatments — Maitane Duarte</p>	<p>LTC CONVERTHER</p>

**14** Maladaptive astrocyte-neuron lactate supply in multiple sclerosis  
— Andrés Mateo Baraibar Sierra

LTC CannaMetHD

**15** Synthesis, fate and impact of novel fluorescent biobased nanoplastics and of biobased microplastics in aquatic organisms.  
FLUOBIOPLAST2  
— Arantxa Eceiza Mendiguren

LTC AQUEUS

**16** LTC TRANSLIGHT — Javier Aizpurua

LTC TRANSLIGHT

**17** Biobased and Biodegradable Fishing Nets: between Promises, Challenges and Field Realities — Edgar Dusacre

LTC AQUEUS

**18** Differential impact of partially- biobased methacrylate nanoplastics on the reproduction and larval methylation in Zebrafish through different exposure routes  
— Gaybrielle Ashley Smith

LTC AQUEUS

**19** Basque and Occitan in the new global context: some reflections on language coexistence in multilingual education.  
PYRENLANG project  
— Elizabeth Perez

LTC Incubator  
Pyrenlang

**20** Optical and photonic properties of cement for the design of energy-efficient concrete  
— Jozef Janovec

LTC Green Concrete

**21**

**Proteolytic Protein Repression Mediates Tumor  
T Cell Infiltration and Anti-Tumoral Immune  
Response / Drug Repurposing Approach**  
— Majid Khatib

**LTC CONVERTHER**

**22**

**Sulconazole Prevents T-Cell Exhaustion and  
Promotes Cancer Cell Malignant Phenotype  
Repression by Attenuation of NF- $\kappa$ B and  
Calcium Signaling**  
— Majid Khatib

**LTC CONVERTHER**