

WEDNESDAY 14 MARCH 2018		
09:00-10:30	<p>Educational 1a: Viral Vectors</p> <p><i>Chair: Juan Carlos Ramirez, ViveBiotech. San Sebastián.</i></p> <p>Juan Carlos Ramírez. ViveBiotech. “Lentiviral Vectors.” Eduard Ayuso. INSERM-University of Nantes. “AAV-mediated gene therapy: a big challenge for a small virus” Ruben Hernandez Alcoceba. CIMA. Pamplona. “Adenoviral vectors: evolution and current perspectives.”</p> <p>ROUND TABLE (15min)</p>	<p>Educational 1b: Cellular Therapy: TERCEL</p> <p><i>Chair: Javier García Sancho, Univ. Valladolid</i> <i>Sponsor: TERCEL</i></p> <p>Javier García Sancho. Universidad de Valladolid “Treatment of osteoarticular diseases with mesenchymal stromal cells.” Ander Izeta. Insitituto Biodonostia. San Sebastián. 3rd speaker (To be announced).</p> <p>ROUND TABLE (15 min)</p>
10:30-11:00	COFFEE BREAK	
11:00-12:30	<p>Educational 2a: Gene editing tools</p> <p><i>Chair: Luis Montoliú, CNB.</i></p> <p>Luis Montoliu CNB-CSIC and CIBERER-ISCI, Madrid. “Generation of new animal models of rare diseases using CRISPR tools”. Raúl Torres. CNIO. Madrid. Jaime Carvajal Centro Andaluz de Biología del Desarrollo. CSIC. Sevilla “Skeletal muscle: CRISPR/Cas9 approaches to study embryonic development and human disease.”</p> <p>ROUND TABLE (15 min)</p>	<p>Educational 2b: Disease modelling using iPSC</p> <p><i>Chair: Angel Raya, CMRB.</i></p> <p>Xonia Carvajal-Vergara. CIMA Pamplona. Felipe Serrano. University of Cambridge, UK. “Modelling aortic aneurisms in vitro using iPSC-derived smooth muscle cells.”</p> <p>3rd speaker (TBA).</p> <p>ROUND TABLE (15 min)</p>
12:30-14.00	LUNCH	

14:00-15:15	<p style="text-align: center;">Inaugural Session <i>Chair: Ramón Alemany (SETGYC Society Update)</i></p> <p style="text-align: center;">Adrian Thrasher. University College London “Gene therapy as a standard of care.” Ernest Arenas, Karolinska Institutet, Stockholm, Sweden. “Regenerative Therapies for Parkinson’s disease”</p>	
15:15-16:30	<p style="text-align: center;">Plenary Session 1 <i>Chair: Guillermo Güenechea, CIEMAT.</i></p> <p style="text-align: center;">Juan Bueren. CIEMAT. Madrid. “Hematopoietic Gene Therapy in Fanconi Anemia Patients.” Isabel Fariñas. Univ. Valencia. “Stem cell niche biology in the adult brain.”</p>	
16.30-17:00	COFFEE BREAK	
17:00-18:30	<p style="text-align: center;">Parallel 1a: Regulatory and Manufacturing <i>Chair: Sol Ruíz. AEMPS. Madrid.</i></p> <p>Sol Ruiz. “Regulatory aspects of advanced therapies”. Julie Kerby. Cell and Gene Therapy Catapult. UK. “Addressing Industrialisation and Manufacturing Hurdles”</p> <p style="text-align: center;">Selected talks (3 selected abstracts).</p>	<p style="text-align: center;">Parallel 1b: Organoids and Gene Transfer Models <i>Chair: Meritxel Huch. Wellcome Trust/Cancer Research UK Gurdon Institute. University of Cambridge. UK.</i></p> <p>Aarne Fleischer. Caubet-Cimera Foundation. Mallorca. Meritxell Hugh. “Liver organoids for the study of liver biology and disease”.</p> <p style="text-align: center;">Selected talks (3 selected abstracts).</p>
18:30-20:00	<p style="text-align: center;">Parallel 2a: Gene Editing <i>Chair: José Carlos Segovia, CIEMAT/CIBERER/IIS-FJD</i></p> <p>Paula Río. CIEMAT. Madrid. “Edición génica en células hematopoyéticas de pacientes con anemia de Fanconi.” Francisco Martín. Genyo. Granada.</p> <p style="text-align: center;">Selected talks (3 selected abstracts).</p>	<p style="text-align: center;">Parallel 2b: Pluripotent stem cells and cell reprogramming <i>Chair: Angel Raya, CMRB. Barcelona.</i></p> <p>Angel Raya. Regenerative Medicine Center. Barcelona. Pablo Menendez. Josep Carreras Leukaemia Research Institute. University of Barcelona. “iPSC-based modeling of human genetic and malignant diseases”</p> <p style="text-align: center;">Selected talks (3 selected abstracts).</p>
20:00-21:30	WELCOME AND POSTERS	

09:00-10:30	<h2>Plenary Session 2</h2> <p><i>Chair: José Luis Labandeira, CIMUS-IDIS, U de Santiago de Compostela</i> Fátima Bosch. Autonomous University of Barcelona. <i>Gene Therapy of mucopolysaccharidosis.</i> Simón Méndez Ferrer Hospital Universitario Virgen del Rocío. Sevilla</p>	
10:30-11:00	<h2>Elevator Pitch</h2> <p><i>Chair: Eusebio Gainza, Praxis.</i> 6 Selected Industry-oriented Talks.</p>	
11:00-11:30	COFFEE BREAK	
11:30-13:00	<p>Parallel 3a: Cell and gene therapy of metabolic diseases <i>Chair: Fatima Bosch, UAB.</i></p> <p>Gloria González-Aseguinolaza. CIMA.Pamplona. “Gene therapy for hepatic metabolic inherited disorders using AAV vectors”. 2nd speaker TBC.</p> <p style="text-align: center;">Selected talks (3 selected abstracts).</p>	<p>Parallel 3b: Cell and gene therapy cardiovascular diseases <i>Chair: Pilar Sepúlveda, IIS-La Fe</i></p> <p>Antonio Bernad. CNB. Madrid. “Bmi1+ adult cardiac progenitors are critical for in vivo heart function after acute myocardial infarct” Pilar Sepúlveda. Instituto Sanitario La Fe. Valencia. “Genetic Modification of Mesenchymal cells to increase their therapeutic effect: role of exosomes.”</p> <p style="text-align: center;">Selected talks (3 selected abstracts).</p>
13:00-14:30	LUNCH	
14:30-16:00	<p>Parallel 4a: Cell and gene therapy of blood disorders <i>Chair: Juan A. Bueren, CIEMAT.</i></p> <p>José Carlos Segovia. CIEMAT. Madrid. “Gene therapy of pyruvate kinase deficiency.” José Antonio Perez Simón. Instituto de Biomedicina de Sevilla.</p> <p style="text-align: center;">Selected talks (3 selected abstracts).</p>	<p>Parallel 4b: Cell and gene therapy of skin and muscle <i>Chair: Ander Izeta, Biodonostia.</i></p> <p>Pura Muñoz. UPF-ICREA Barcelona/CNIC Madrid. “Understanding muscle stem cell regenerative decline with aging.” Fernando Larcher. CIEMAT. Madrid “Gene therapy of skin diseases.”</p> <p style="text-align: center;">Selected talks (3 selected abstracts)</p>
16:00-16:30	COFFEE BREAK	

Biennial Meeting of the SETGyC, Mallorca

16:30-18:00	<p>Parallel 5a: Cell and gene therapy of neurodegenerative diseases <i>Chair: Juan José Toledo Aral.</i> Juan José Toledo Aral. IBiS - Instituto de Biomedicina de Sevilla. "Antiparkinsonian Cell Therapy using Carotid Body". Nathalie Cartier. INSERM. Paris. "Gene therapy for Huntington's disease". Selected talks (3 selected abstracts).</p>	<p>Parallel 5b: Cell and gene immunotherapy <i>Chair: Daniel Bachiller, Fundación Caubet-Cimera</i> Daniel Bachiller. "Genome Editing Tools for the treatment of AIDS". Manel Juan. Hosp. Clínico Barcelona, IDIBAPS. "CART immunotherapy; from our experience to the future." Selected talks (3 selected abstracts).</p>
18:00-20:30	POSTER SESSION	
19:30-20:00	SETGYC GENERAL ASSEMBLY	
21:00	GALA DINNER	

FRIDAY 16 MARCH 2018

09:00-10:30	<p>Parallel 6a: Cell and Gene therapy of cancer <i>Chair:</i> Ramon Alemany. Catalan Institute of Oncology. Barcelona. "Oncolytic Adenoviruses". Alena Gros. Vall Hebron Institute of Oncology. Barcelona. "TIL therapy of cancer". Selected talks (3 selected abstracts).</p>	<p>Parallel 6b: Rare diseases: leading gene and cell therapy <i>Chair: Gloria González Aseguinolaza, CIMA</i> Antonio Fontanellas. CIMA-University of Navarra. "Efficacy of systemic messenger RNA therapy in experimental models of acute porphyria". Salvador Martínez. TBC. Selected talks (3 selected abstracts).</p>
10:30-11:00	Coffee Break	
11:00-12:30	<p>Plenary Session 3 <i>Chair: Paula Rio, CIEMAT/CIBERER/IIS-FJD</i> Pietro Genovese San Raffaele Telethon Institute for Gene Therapy. Milan. Italy. "Exploiting the Therapeutic Potential of Hematopoietic Stem Cells Gene Editing for the Treatment of Inherited Diseases" Francisco Sánchez Madrid CNIC e Instituto de Investigación Sanitaria La Princesa, Madrid.</p>	
12:30-13:45	<p>Award Ceremony and Closing Lecture <i>Chairs: Ramon Aleman and Angel Raya.</i> Closing Lecture: Damián Garcia Olmo. Hospital Universitario Fundación Jiménez Díaz. Madrid. "A Long and Winding Road to make from Cells a Surgical Tool"</p>	