



Organizers:  
Paulo J Oliveira  
(Coimbra, Portugal)  
Catarina R Oliveira  
(Coimbra, Portugal)



Coimbra, Portugal, 22-24 May 2019



## Symposium 6 | Gene and Cell Therapy: from Fundamental Science to the Clinic

**Organizer:** Lino Ferreira (Coimbra, Portugal)  
Albert Rizvanov (Kazan, Russia)  
Costanza Emanuelli (London, UK)

**Day:** Wednesday afternoon and Thursday morning  
**Meeting room:** Meeting Room Coimbra, Hotel Dona Inés (Congress venue 2)

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### Wednesday, 22 May

#### 14.00-16.00 **Session 1: Cell and gene-based therapies I**

Chairs: Lino Ferreira (Coimbra, Portugal)  
Albert Rizvanov (Kazan, Russia)  
Costanza Emanuelli (London, UK)

14.00-14.30 **Exosomes a double-edged sword in cardiovascular medicine**  
Costanza Emanuelli (London, UK)

14:30-15:00 **Adult myocardial slices: a viable and highly functional platform to study cardiac tissue**  
Filippo Perbellini (London, UK)

15.00-15.15 Speaker selected from submitted abstracts  
15.15-15.30 Speaker selected from submitted abstracts  
15.30-15.45 Speaker selected from submitted abstracts  
15.45-16.00 Speaker selected from submitted abstracts

16:00-16:30 Coffee-break

#### 16.30-18.00 **Session 2: Cell and gene-based therapies II**

Chairs: Lino Ferreira (Coimbra, Portugal)  
Albert Rizvanov (Kazan, Russia)  
Costanza Emanuelli (London, UK)

16.30-17.00 **Cytochalasin B-induced membrane vesicles – a new cell-free strategy for regenerative medicine**  
Albert Rizvanov (Kazan, Russia)

17:00- 17:30 **Role of peribronchiolar mesenchymal cell subpopulations in instructing epithelial behavior during repair processes**  
Saverio Bellusci (Giessen, Germany)

17.30-17.45 Speaker selected from submitted abstracts  
17.45-18.00 Speaker selected from submitted abstracts



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## Thursday, 23 May

### 08.30-10.00 **Session 3: RNA therapeutics, on behalf of COST Action CardioRNA CA17129**

Chairs: Lino Ferreira (Coimbra, Portugal)  
Albert Rizvanov (Kazan, Russia)  
Costanza Emanuelli (London, UK)

08.30-08:45 **The CardioRNA COST Action**  
Costanza Emanuelli (London, UK)

08:45-09:15 **Role of Fat mass and obesity associated protein (FTO) in the heart**  
Markéta Hlaváčková (Prague, Czech Republic)

09:15-09:45 **Regulatory RNAs to treat the diseased heart**  
Antonio Salgado Somoza (Luxembourg)

09:45-10:00 Speaker selected from submitted abstracts

10:00-10:30 Coffee-break

### 10.30-12.30 **Session 4: Cell and gene-based therapies III**

Chairs: Lino Ferreira (Coimbra, Portugal)  
Albert Rizvanov (Kazan, Russia)  
Costanza Emanuelli (London, UK)

10.30-11.00 **Therapies and stem cell based models for cardiovascular applications**  
Lino Ferreira (Coimbra, Portugal)

11.00-11.30 **Advances in Pluripotent Stem Cells cell processing: New technologies for new therapies**  
Paula Alves (Oeiras, Portugal)

11.30-11.45 Speaker selected from submitted abstracts

11.45-12.00 Speaker selected from submitted abstracts

12.00-12.15 Speaker selected from submitted abstracts

12.15-12.30 Speaker selected from submitted abstracts