



I.R.C.C.S. Ospedale  
San Raffaele

# L'esperienza del San Raffaele: la partecipazione nel panel “Society and Enterprise”

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Ospedale San Raffaele e Università Vita-Salute San Raffaele  
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# Il Campus San Raffaele

**Clinica  
Ricerca  
Università**



«This hospital can be regarded as a proto-type of a modern medicine institute when it comes translational research but also patient information”

*(Review from a H2020 FET Open proposal)*



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# Il Panel Society & Enterprise

Definizione (dalla Guide for Applicants):

The Society & Enterprise Panel is a **multidisciplinary panel** of the European Fellowships dedicated to career opportunities for researchers seeking to work on research and innovation projects in an organisation from the non-academic sector.

The beneficiary must be an entity **from the non-academic sector** as described under Definitions. The non-academic sector includes **all non-academic workplaces of researchers, from industry to business (including SMEs), government, civil society organisations (NGOs, trusts, foundations, etc.), some cultural institutions, museums, hospitals, international organisations** (like the UN or WHO), etc.



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# Progetti MSCA

**18 Progetti MSCA Horizon 2020** (+2 in negoziazione):

- 4 (+2) Progetti Innovative Training Network (ITN);
- 14 Individual Fellowships
- OSR è primo in Italia tra le organizzazioni private for profit per numero di progetti MSCA

Number of project participations and Net EU Contribution	
Legal Name	Country
<b>Totaux</b>	
OSPEDALE SAN RAFFAELE SRL	Italy
GLAXOSMITHKLINE VACCINES SRL	Italy
HUMANITAS MIRASOLE SPA	Italy
SCRIBA NANOTECNOLOGIE SRL	Italy
ALMA SISTEMI SRL	Italy
ISTITUTO EUROPEO DI ONCOLOGIA SRL	Italy
WEST AQUILA SRL	Italy
EXPLORA SRL	Italy
GIOTTO BIOTECH SRL	Italy
NAICONS SRL	Italy

Fonte: EC, H2020 database



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# Elenco Progetti IF - OSR

Top Funded Projects	
Project Title	Project Acronym
<b>Totals</b>	
Development of gene therapy and genome editing strategies to treat adenosine deaminase 2 deficiency	DADA2GT
Can human embryo-released extracellular vesicles govern endometrial receptivity and inform on vanguard embryo diagnostics and fertility therapeutics?	CERVINO
Patroller monocytes as modulators of diabetic retinopathy	PAMpeR
IMMUNOMETABOLISM IN HUMAN OBESITY	Fit-The-Fat
Investigation of the role of CYLD in Chronic Lymphocytic Leukaemia	CIRCLE
Inhibitor of DUX4-IGH to Erase Acute Lymphoblastic Leukaemia	IDEAL
Epigenetic approach for the treatment of obesity	EASY
HIStory and IMpact of NEUROimaging on SOCIETY	HI_IM_NEUROS...
IMaging Pancreatic Alpha-cells Calcium Tied with HEterogeneous Analysis of Labeled Transcription factors with in situ Hybridization	IMPACT-HEALTH
Investigating the effects of immunogenic chemoradiation in shaping the immune landscape of esophageal cancers	IC_IL_EC_2017
Spatiotemporal dynamics of CD8+ T cell responses to hepatocellular carcinoma	Hepatocarcinoma IVM
Triggering Haematological Adoptive T-cell Immunotherapy Strategies by HUNting Novel T-cell receptors	THAT IS HUNT
Uncovering the origin and mechanisms of Down syndrome-associated leukaemia through human	LEUKEYOLK

- Nella maggior parte dei casi, sono progetti su topic di ricerca biomedica, di base e traslazionale
- Alcuni progetti hanno già un forte orientamento verso la clinica
- Dagli Evaluation Summary Report, abbiamo riscontrato apprezzamento per:
  - «Environment» San Raffaele
  - Attività di outreach e comunicazione già consolidate in Istituto
  - Transfer of knowledge a due direzioni
  - Servizi di supporto alla ricerca



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# Chi sono i nostri ricercatori MSCA

- Principalmente giovani *under 40*
- Sia di nazionalità italiana che straniera
- Scelgono il San Raffaele per consolidare la loro carriera dopo un periodo all'estero (4-7 anni)
- In molti casi hanno lavorato all'estero in centri/laboratori di eccellenza
- Hanno già dimostrato di saper «attrarre» fondi e finanziamenti esterni



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# Elenco Progetti ITN – OSR/UniSR

## Top Funded Projects

Project Title	Project Acronym	Thema
<b>Totals</b>		
Training on Advanced Stem Cell Technologies in Neurology	ASCTN-Training	Marie-Sklodowska-Curie Actions
Biomechanics in health and disease: advanced physical tools for innovative early diagnosis	Phys2BioMed	Marie-Sklodowska-Curie Actions
Predictive Epigenetics: Fusing Theory and Experiment	PEP-NET	Marie-Sklodowska-Curie Actions
Molecule-to-man pain network	PAIN-Net	Marie-Sklodowska-Curie Actions

- I progetti ITN in molti casi avviano o consolidano collaborazioni già esistenti es. progetti H2020
- Permettono interazione con *fields* diversi es. fisica e ingegneria



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Grazie