

# HORIZON 2020

## HEALTH PARTNERING DAY 2017

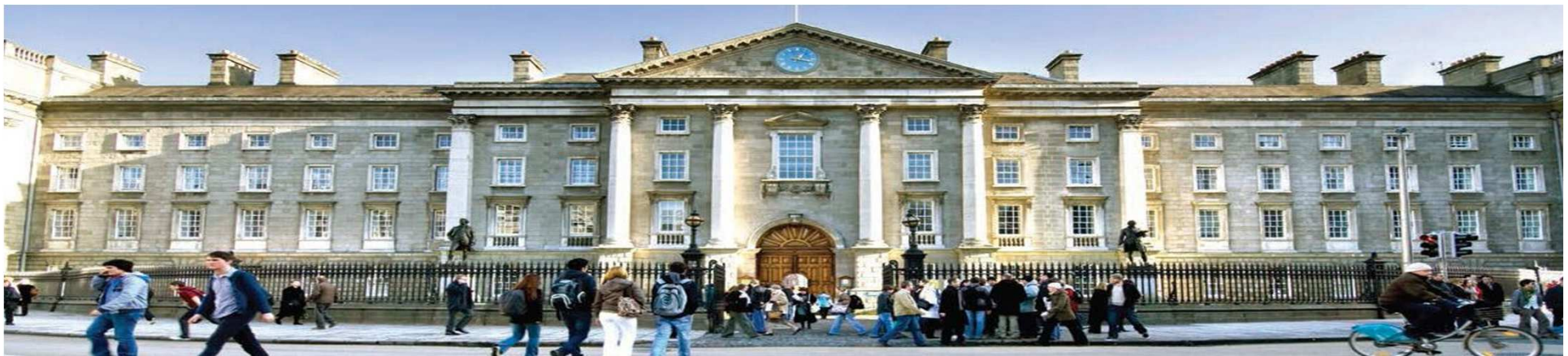
### HEALTH, DEMOGRAPHIC CHANGE & WELLBEING



7 DECEMBER 2017, BRUSSELS

Better Health and care  
Professor Lorraine O'Driscoll  
Trinity College Dublin  
Ireland

*Trinity College Dublin is Ireland's highest-ranked University; a member of LERU; and holds Athena Swan accreditation*



HEALTH-NCP-NET 2.0 project is funded by the European Commission

# Project idea / Company expertise



## **Exosomes/Extracellular Vesicles (EVs)** as minimally-invasive biomarkers in body fluids and ways of identifying therapeutics targets

- ✓ EVs: tiny vesicles released from cells: “mini-maps” of cells
- ✓ physiological and pathological relevance
- ✓ 2012-17: I initiated/Chair a H2020 COST Action: <https://youtu.be/RI1Flibz-Mk>  
“*Microvesicles & Exosomes in Health & Disease*” (29 countries, 7 industry)
- ✓ 2017-21: Coordinator/Director: H2020 MSCA Innovative Training Network  
Project Manager + 15 PhD positions  
“*TRAINing in Extracellular Vesicles: for benefit in Health and Disease*”

## **Example topics of interest**

### **Personalised Medicine**

- **SC1-BHC-03-2018:** Exploiting research outcomes and application potential of the human microbiome for personalised prediction, prevention and treatment of disease
- **SC1-BHC-01-2019:** Understanding causative mechanisms in co- and multimorbidities

### **Innovative health and care industry**

- **SC1-BHC-07-2019:** Regenerative medicine: from new insight to new applications
- **SC1-BHC-2018:** Translational collaborative cancer research between Europe and the Community of Latin America and Caribbean States (CELAC)

**Happy to consider any relevant topic!**

Topic



## Keywords *incl.*

- Health
- Disease
- Exosomes
- Extracellular vesicles
- Cancer
- Endocrinology
- Co-morbidities
- Multimorbidities
- Re-generation

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## **Prof. Lorraine O'Driscoll**

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