

DC12: Early efficiency analysis of outcome driven solutions in lung transplantation

Host institution: Fundació HiTT www.hittbcn.com

Country: Spain

Supervisory team: Dr. Oriol Sola-Morales MD-PhD (HiTT), Prof. Sabina De Geest (University of Basel)

Project description:

The objectives are:

1. Develop a health economics framework model to evaluate the technologies being developed by the consortium
2. Develop health economics modelling to define early access conditions for those technologies
3. Develop potential business plans for the developed and potential technologies
4. Evaluate and quantify the need for such technologies
5. Elaborate a training plan for the Consortium in terms of Health Economics

The objective of this training is related to the production of the teams in other work packages. It requires full understanding of their approach and interaction with them on their development roadmaps. This is to elaborate a valid pathway for them in their potential access to the market.

Additionally, there is a need to develop a framework for training in Health Economics aspects all the potential working groups so that they are knowledgeable of the limits of their technologies in terms of market acceptability.

Finally, there is the need within the working group to develop a framework that defines the Implementation Strategies in general, hence advancing in Implementation Science. This means that we need to define the needs and aspirations of potential stakeholders in the wider transplantation field.

Enrolment in Doctoral School: Universitat Internacional de Catalunya, UIC www.uic.es

Planned secondments:

- University of Basel, Switzerland: Incorporating elements of implementation science into the workflow (months 25-30)

Essential requirements of a successful candidate

- You hold a Master's degree (no PhD) in bioengineering, biomedical sciences, biotechnology, civil engineering, pharmacy or a related field, or an MD.
- You are passionate about life sciences and engineering, and want to achieve a PhD degree on the topic described in the description above
- You are ambitious, well organized and have excellent communication skills.
- You are proficient in English both spoken and written
- You have a solutions-oriented mindset that thrives in a multidisciplinary team
- You have the ability to work independently and have a critical mindset.
- You are an enthusiastic and motivated person, eager to participate in network-wide training events, international travel and public awareness activities.
- Willingness to travel

Skills and expertise that are viewed as an asset:

- Knowledgeable in mathematics and statistical skills
- Knowledge on systematic review of the evidence and evidence summarising
- Basic knowledge of healthcare funding and reimbursement across the world