



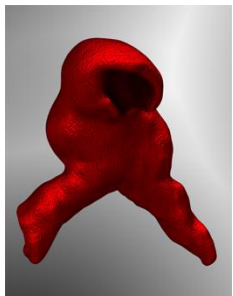
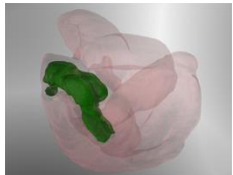
## 1 PhD student position available at

FUNDACION CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III (CNIC)  
&  
BITPLANE

PhD student position available to develop his/her thesis within the Marie Skłodowska-Curie Innovative Training Networks (MSCA-ITN-EID) action '**4D analysis of heart development and regeneration using advanced light microscopy — 4DHeart**', a highly multidisciplinary, intersectoral and competitive training programme in cardiovascular research.

### Project: Time-lapse 4-D analysis of cardiac development in the mouse

**Description of the project:** The project aims to generate a computerized 4-D description of early mouse cardiac development at cellular resolution. The student will be exposed to a multidisciplinary group of translational researchers focused in **advanced live imaging and image analysis**. The student will learn live imaging principles, acquisition procedures and post-processing skills applied to **embryonic mouse heart development**.



#### Requirements:

Applicant must have passed a minimum of 300 ECTS credits in the set of official university studies, with a minimum of 60 credits in **Master** studies, preferably including **Microscopy and Developmental Biology** or related disciplines. Good English communication skills are mandatory. Research experience will also be valued.

#### Eligibility:

Candidates must be in the first four years (full-time equivalent) of their research careers and have not yet been awarded a doctoral degree.

- be — at the date of recruitment — an '**early stage researcher**' (i.e. in the first four years of his/her research career and not have a doctoral degree);

In addition, must not have resided or carried out their main activity (work, studies) in **Spain** for more than 12 months in the 3 years immediately prior to the recruitment date.

- not have resided in the country where the research training activities take place for more than 12 months in the 3 years immediately prior to the recruitment date (and not have carried out their main activity (work, studies, etc.) in that country).

#### Offered:

- a 36 month contract to undertake a PhD, 18 months to be spent at CNIC-[Miguel Torres Team](#), and 18 months at Bitplane
- a competitive salary (according Marie Skłodowska-Curie Innovative Training Networks Table)
- - integration in a European network of scientific excellence
- - stays in private companies and partner academic labs
- - extensive training in complementary skills
- - access to state-of-the-art infrastructures.

**Starting date:** as soon as possible.

Send CV and a cover letter addressing your qualifications as they pertain to this position, and contact information of three referees to [Imanukyan@cnic.es](mailto:Imanukyan@cnic.es) before **February 28th**. Please quote reference **ESR4**.