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A 3-year post-doctoral position is available in Ofelia Martínez Estrada's group at Celltec UB, Cell Biology Department, University of Barcelona.

Heart failure constitutes one of the leading causes of death worldwide. The molecular mechanisms that take place during heart morphogenesis are usually compatible with those that take place during heart regeneration. Taking into account this fact a major challenge consists in the identification of factors that mimic the local environment present during the embryonic development that can exert their beneficial effects during heart repair.

The principal objectives of our project are to identify new cellular pathways that are implicated in embryonic epicardium development and to investigate their involvement in heart formation and repair. The postdoctoral position is supported by a grant of La Marató TV3 Foundation, Heart diseases 2014.

We are looking for a highly motivated candidate at an early stage in the post-doc career. Previous experience with mouse models of myocardial infarction, heart development, or Molecular and Cellular Biology will be an advantage.

Candidates should address their CV, letter of motivation and contact details of two referees to Dr. Ofelia Martínez Estrada ([ofeliamartinez@ub.edu](mailto:ofeliamartinez@ub.edu))

**Closing date for application:** 07/03/ 2016