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**B:KC** Barcelona  
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A 3-year post-doctoral position is available in Ofelia Martínez Estrada's group at Cell Biology, Physiology and Immunology 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 Caixa" Banking Foundation, Health Research 2018.

We are looking for a highly motivated candidate. Previous experience with mouse models, Heart development, Cell metabolism 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)

**Closing date for application:** 14/01/ 2019