

Type of position

2 Post doctoral fellowships are available in the laboratory of cellular pharmacology, at the H San Raffaele Scientific Institute. Both positions are for two years, renewable.

Subject area

Position 1: metabolism in myogenesis and muscle-neuron interactions; position 2: myogenesis and muscle-neuron interaction in developing zebrafish embryos.

Requirements

Technical skills required for both positions: Molecular biology; expertise in embryology/developmental biology. Experience in muscle/myogenesis (position1) or zebrafish model (position 2) are also desirable.

Determination to succeed and to start an independent line of research is requested; the ideal candidate is seeking a long-term commitment. He/she is a young motivated and enthusiastic researcher.

If interested, send a cv specifying which position you are applying for and arrange for two letters of recommendation to be sent to the E mail address indicated below.

Description

Position 1: To investigate the role of nitric oxide and energy metabolism in embryonic/foetal myogenesis including neuromuscular cross-talk in diseases of the muscle and neuromuscular functional unit; the studies will be primarily in in vivo and ex vivo mouse models.

Position 2: to identify in the zebrafish model relevant signalling pathways and developmental cues dependent on nitric oxide and its control of mitochondrial function

Start date

Positions will be opened immediately and remain open until filled

Salary or grant:

Depending on cv

Contact Person:

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