SEMINAR

Wednesday, 14th March 2018 14:00-15:00
in aula T2 la

Dr.ssa Arezoo Charmi

PhD student in Marine animal Biology (KMSU University, Khorramshahr, Iran).
Temporary research guest at the Department of Biology of Tor Vergata
(laboratory of Prof. L. Ghibelli).

Terrà un seminario dal titolo:

**Zebrasfish cell and organ culture: practical approach for application in biomedical research.**

Invited by Prof. Lina Ghibelli
ABSTRACT
Cell cultures derived from zebrafish show great potential as suitable tools to study the regulation and function of the vertebrates. These species represent a vast and largely uncharted resource for the development of vertebrate cell and tissue models directed toward problems of fundamental importance in the biomedical sciences. Also, the zebrafish primary cultures could be used as sources of differentiated cells such as melanophores, hepatocytes, and renal epithelial cells to study such broad-ranging phenomena as the intracellular movement of organelles, xenobiotic metabolism, thermal stress, and transepithelial transport. The seminar will give some cues on how to set up cell and organ cultures to be applied on biomedical research.