

# CENTURI

# international PI call

[centuri-livingsystems.org](http://centuri-livingsystems.org)

CENTURI brings together leading institutes in **biology, physics, mathematics, computer science and engineering** to **decipher the complexity and dynamics of living systems**. CENTURI offers an exceptional international environment for the development of **interdisciplinary** projects, in **developmental biology, immunology and neurosciences**.

CENTURI is mainly located on the Luminy campus of Aix-Marseille University and is affiliated to **Aix-Marseille University, CNRS, INSERM and École Centrale Marseille**.

## THE TURING CENTRE FOR LIVING SYSTEMS (CENTURI) RECRUITS GROUP LEADERS.

The **questions that are being addressed** by this interdisciplinary research initiative include:

- How is information encoded in living systems?
- How do genes control cell fates and functions?
- How do signalling dynamics impact on cells?
- How do mechanics influence cell and tissue dynamics?
- How do networks form, function collectively and evolve?

**CENTURI SEEKS TO ATTRACT OUTSTANDING COMPUTER SCIENTISTS, PHYSICISTS, OR MATHEMATICIANS WITH A THEORETICAL AND/OR COMPUTATIONAL BIOLOGY PROJECT.**

**APPLICATIONS FROM WOMEN ARE ESPECIALLY ENCOURAGED.**

The selected candidates, who are expected to bridge biology and other disciplines will be affiliated to **two institutes** and will be offered **competitive funding**.

Applicants should send a curriculum vitae with a complete list of publications, a 2-page summary of research achievements and projects in English, and arrange for 2-3 letters of recommendation to be sent to [Picall@centuri-livingsystems.org](mailto:Picall@centuri-livingsystems.org), before **February 28<sup>th</sup>, 2020**.

Short-listed candidates will be invited to submit a full proposal by **April 22<sup>nd</sup>, 2020**, and for an interview between **May 25<sup>th</sup> and May 27<sup>th</sup>, 2020**. CENTURI promotes equal opportunities for employment.

## Research institutes in CENTURI

- Developmental Biology Institute of Marseille (IBDM, UMR 7288)
- Mediterranean Institute of Neurobiology (INMED, UMR 1249)
- Center of Immunology of Marseille- Luminy (CIML, UMR 7280)
- Adhesion & Inflammation Lab (LAI, UMR 1067, UMR 7333, U 1006)
- Theories and Approaches of Genomic Complexity (TAGC, UMR 1090)
- Bacterial Chemistry Laboratory (LCB, UMR7283)
- Interdisciplinary Centre of Nanosciences of Marseille (CINaM, UMR 7325)
- Centre of Theoretical Physics (CPT, UMR 7332)
- Institut Universitaire des Systèmes Thermiques Industriels (IUSTI, UMR 7343)
- Institut de Recherche sur les Phénomènes Hors Equilibre (IRPHE, UMR 7342)
- Laboratoire Mécanique et Modélisation, Procédés Propres (M2P2, UMR 7340)
- Fresnel Institute (UMR 7249)
- Institute of Mathematics of Marseille (I2M, UMR 7373)
- Computer and System Sciences Laboratory (LIS, UMR 7020)