



Mechanisms in integrated Life Sciences

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## The **MeLiS** laboratory is recruiting a **group leader** in **Lyon**

The MeLiS laboratory (Mechanisms in Integrated Life Sciences) invites **applications for junior and senior group leader positions**. Research groups at MeLiS develop innovative *in vivo* strategies to study the molecular mechanisms involved in the organization of cellular and subcellular ensembles, with a particular focus on neuronal and muscle cells. Our teams work with a wide range of systems including: *C. elegans*, *Drosophila*, zebrafish, chicken, mouse and human. We combine genetics, large-scale molecular analyses, *in vivo* manipulations and behavioral assays, with an emphasis on imaging techniques (super-resolution microscopy, expansion microscopy, *in vivo* 2-photon microscopy, light-sheet microscopy, electron microscopy).

We seek researchers interested by the basic processes that regulate the biology of cells, and how their dysfunction leads to human diseases in developing, adult, and aging organisms. Projects developing innovative methods, including biophysics, quantitative biology, advanced *in vivo* imaging and relevant 'omic' approaches will be considered with particular interest.

MeLiS is embedded in a stimulating scientific environment, which includes research institutes focusing on genetics, development, cancer and neuroscience, and has strong connections with the clinical/hospital community in Lyon.

MeLiS researchers are committed to promoting equality, diversity and inclusivity. The selected candidate will receive start-up support, and benefit from modern infrastructures, technological platforms and generous laboratory space. If required, MeLiS will assist the candidate during the application process for tenured positions at CNRS or INSERM, and to secure extramural funding (ATIP/Avenir, ERC, ANR, FRM).

Applications and inquiries should be sent to the search committee ([melis.call@univ-lyon1.fr](mailto:melis.call@univ-lyon1.fr)) **before March 31st 2023**. Candidates should provide a single PDF file comprising of a cover letter explaining their motivation to join MeLiS, a detailed CV, a summary of the scientific achievements (3 pages), and a research project proposal highlighting possible synergies or complementarity with MeLiS research teams (4 pages). Two letters of reference should be sent directly from the referees to the search committee. Shortlisted candidates will be invited for an interview in Lyon before mid-June 2023.



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