The team «Membrane Dynamics of Host-Parasite Interactions» is hiring!

- **Post-Doc IDEX University of Grenoble Alpes (12 months /++)**
  
  **Mission**
  Providing all the natural language processing and AI support to dissect how the *Toxoplasma* microbe integrates biochemical and biomechanical cues provided by the microenvironment to achieve high performance substrate-dependent motility
  
  - Image Processing
  - Machine Learning
  - Data Visualization
  - Micropatterning and Videomicroscopy
  - Quantitative Reflection Interference Contrast Microscopy (qRICM)

  **Skills**
  C / C++ programming, Object-oriented programming, Python / MATLAB, Computer Graphics, Fiji, Icy, Chimera ... image analysis software

- **PhD fellowship (3 years) - CDD**
  
  **Mission**
  Characterizing the biomechanical properties of the *Toxoplasma* invasive nanodevice which supports the exceptional invasive skills of the microbe towards virtually any vertebrate cells

  **Training(s)**
  Master or equivalent engineer diploma in either Structural biology, Membrane model systems, Nanophysics, Biomedical engineering

If you are also interested to join the team for shorter internships or for career mobility plan

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