



SciLifeLab PULSE: an International Postdoctoral Program Empowering Future Leaders in Life Sciences

Fall 2024 marks the launch of SciLifeLab PULSE (Program for Future Leaders in Life Science), a 5-year postdoctoral program funded by Marie Skłodowska-Curie Actions COFUND, part of EU's Horizon Europe. The program will train 48 postdocs, recruited in two calls (January 2025 and 2026) of which the first cohort will start in October 2025.

PULSE will focus on innovative, fundamental and translational research, in supportive and diverse academic and industrial environments, preparing postdocs with necessary skills for long-term career sustainability. The program will offer 3-year fellowships hosted by SciLifeLab group leaders at nine Swedish universities with secondments at 24 academic and non-academic partners in Sweden and abroad.



Addressing key scientific challenges

PULSE will stand out by offering unique international research and training opportunities built on SciLifeLab's advanced infrastructure for molecular life sciences. The program aims to foster a new generation of researchers capable of addressing significant scientific challenges across five key areas:

- Cell & Molecular Biology
- Precision Medicine & Diagnostics
- Evolution & Biodiversity
- Epidemiology and Infection Biology
- Drug Discovery & Development

Immersed in the vibrant SciLifeLab community – home to hundreds of distinguished research groups, the SciLifeLab & Wallenberg National Program for Data-Driven Life Science, and strong ties to other major national and international initiatives – they will have access to extensive training opportunities facilitating success as they pursue their fellowship projects and long-term career goals.

The PULSE training catalog will be openly accessible and fully aligned with FAIR principles, making it a valuable resource for the pan-European postgraduate life science research and training community.

Bridging the gap between basic research and innovation

PULSE will offer a unique setup, enabling candidates to choose between academic (32 positions) or entrepreneurial (16 positions) tracks (recruited in two calls). Both tracks will include advanced training in research and transferable skills, integrating international, interdisciplinary and intersectoral elements with annual networking events to further foster collaborations and career development. Postdocs will benefit from robust career support through a supervisor/mentor panel and specialized training via secondments with PULSE's international academic and non-academic partners, to gain a well-developed toolbox for long-term success.

Are you a future leader of life sciences?
Get your application ready!

Read more through the QR code
or on scilifelab.se/research/pulse/

(Know someone who should apply?
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