ZJE公共技术平台荧光寿命成像技术&DEMO反馈沟通会通知

ZJE Core Facility FLIM Imaging Technology & DEMO Feedback Session

突破传统强度成像局限，荧光寿命成像(FLIM)精准捕捉荧光分子衰减动力学，实现无标记分子识别与微环境解析--以时间维度解锁微观世界。

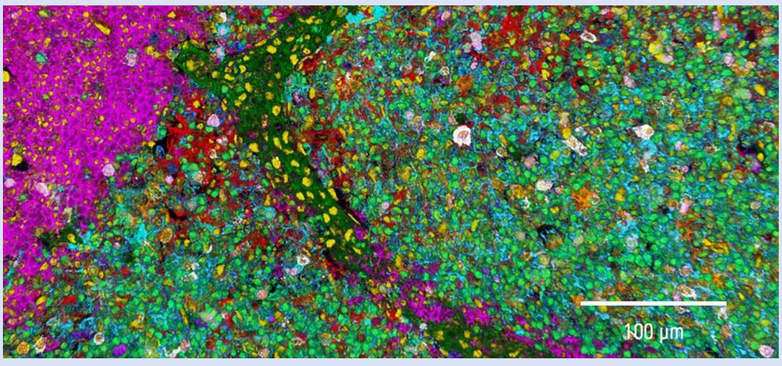
Breaking the limits of conventional intensity-based imaging, Fluorescence Lifetime Imaging Microscopy (FLIM) precisely captures the decay kinetics of fluorescent molecules, enabling label-free molecular identification and microenvironment analysis—unlocking the microscopic world through the dimension of time.

浙江大学爱丁堡大学联合学院公共技术平台计划举办“荧光寿命成像技术 & 徕卡 STELLARIS FALCON Demo反馈沟通会”，本次反馈沟通会，将FLIM技术与本次demo各位参与老师的实验结果结合，深度剖析荧光寿命成像技术在日常科研中的应用。欢迎各位老师同学参加。

ZJE Core Facility will host a “FLIM Technology & Leica STELLARIS FALCON Demo Feedback and Discussion Session.” This session will combine FLIM with the experimental results of faculty participants from this demo. it will provide an in-depth analysis of FLIM’s applications in routine research. All faculty members and students are welcome to attend.

全光谱自由激发 ·提升多标记实验灵活性 STELLARIS WLL

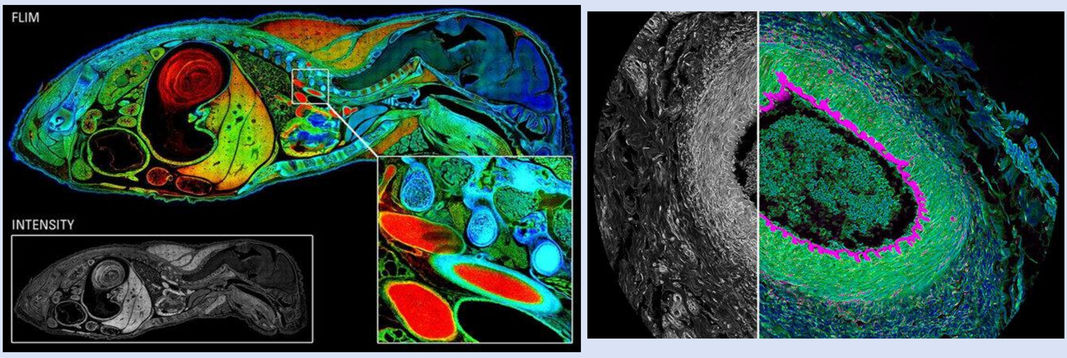
Full Spectral Flexible Excitation · STELLARIS WLL



* 小鼠淋巴结15标3D成像结果中的细胞表型分布

超高速实时寿命 · 荧光寿命提供更多可能. FALCON

Fast LifeTime ConTrast



L：高分辨率小鼠胚胎成像，通过四个特有荧光寿命拟合的FLIM数据，彩色编码。R：猫眼组织切片。 同时进行的光谱（灰色）和 FLIM（彩色）共聚焦成像显示了寿命对比情况。

会议安排/Agenda：

时间/Time	内容/Content	主讲人/Speaker
14:00-14:30	荧光寿命成像技术应用介绍 FLIM Applications Overview	徕卡显微系统 黄晖 博士 Dr. Hui HUANG, Leica Microsystems
14:30-15:30	Demo结果展示和介绍 Demo Results Presentation & Introduction	参与本次Demo的课题组，Chew Tinggang lab、Chen Di lab、Ma Liang lab 等 Labs participating in this Demo
15:30-16:00	答疑与自由交流 Q&A and Open Discussion	全体参会人员 All Participants

会议时间：2026年09月23日

Time: September 23, 2026

会议地点：浙江大学爱丁堡联合学院A123

Venue: Room A123 ZJE

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