

代谢组学原始数据上传方法

MetaboLights 是第一个通用的、开放的存储代谢组学的数据库,是代谢组学实验和衍生物信息的数据库。该数据库包含了不同物种、不同技术的数据,涵盖了代谢物结构、参考光谱、生物学作用、位置和浓度,以及代谢实验数据。MetaboLights 是较多核心期刊推荐的代谢组学数据库。下面简单介绍代谢组学原始数据上传到 MetaboLights 的操作方法:

通过地址: https://www.ebi.ac.uk/metabolights/

进行 MetaboLights 账号注册。

账号注册完成后登录 MetaboLights 的主界面,点击 Login 进入登录页面 (如图 1),输入账号和密码点击 Log In 登录 (如图 2)。

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图 2

首先点击 Submit Study (如图 3), 该界面显示两个模块选项: Submit a new study、Update an existing study, 如果我们是首次提交, 点击左侧模 块即可 (如图 4)。

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图 4



点击 Create New Study → Let's get started (如图 5-6), 进入上传数 据界面,该界面包括 2 种上传方式:现在上传原始数据、稍后上传原始数 据,我们可选择现在上传原始数据,点击 next (如图 7)。

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	图 5		



图 6









系统会自动为该项目设置编号 MTBLS2000 和网址链接(如图 8),点击 next 进入下一页面,该页面有两种数据上传方式: Aspera upload、Private FTP upload (如图 9),我们可选择 Aspera upload,据说 Aspera 上传能达到满速。

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点击 Aspera upload 后,系统会弹出窗口,我们选择 upload files (如图 10),选择需要上传的文件即可。然后点击 refresh 进行刷新 (如图 11), 会显示一条上传的数据文件,即上传成功。

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图 10

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图 11