MSPP

Plan de gestion de données créé à l'aide de DMP OPIDoR, basé sur le modèle "Science Europe: structured template for research entities" fourni par Science Europe.

Plan Details

Plan title	MSPP
Deliverable	
Version	Final version
Fields of science and technology (from OECD classification)	1.6 Biological sciences, 4.1 Agriculture, forestry, and fisheries, 4.4 Agricultural biotechnology, 3.3 Health sciences
Language	eng
Creation date	2024-09-13
Last modification date	2024-09-23
Identifier	

Structure Details

Entity's name	PGD_MSPP_Bottom up_Mass Spectrometry Proteomic Plateform
Acronym	PGD_MSPP
Identifier	PGD_MSPP
Description	Mass spectrometry plateform integrated into the proteomic center of Montpellier (PPM) that consists of four technological facilities, spread over major institutes in Montpellier (IGF, IPSiM, IRMB and IRCM).
Creation date	2024-09-09

Research outputs :

1. Bottom up (Dataset)

Contributors

Name	Affiliation	Roles
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pour un autre plan. Vous n’avez pas besoin de citer le(s) créateur(s) en tant que source. L’utilisation de toute partie de texte de ce plan n’implique pas que le(s) créateur(s) soutien(nen)t ou aient une quelconque relation avec votre projet ou votre soumission.

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Data description and collection or re-use of existing data

Research output description

Name	Bottom up
Description	Samples, provided by collaborators are analyzed with a chromatography/Mass spectrometer chain that give rise to **raw data** that are processed to allow the furniture of **analyzed data.** Material and method information are reported in metada linked to the data.
Type	Dataset
Workpackage	
Keywords (free-text)	
Language	fra
Issued Date	2024-09-13
Persistent identifier	
May contain personal data?	No
May contain sensible data?	No
May take ethical issues into account?	Yes

Will existing data be reused?

Justification	data are created experimentally, we don't use existing data

How new data will be collected or produced?

Name of the method	Mass spectrometry
Description	Each sample is submitted to a LC/MS-MS analysis and raw data are created
Data Nature	Experimental Data

Documentation and data quality

What metadata and documentation (for example way of organising data) will accompagny the data?

Description

As soon as they arrived on the platform, samples are identified with this naming convention: PF_ReceptiondDate_ProjectAcronym_SampleSetName. All the associated data (metadata, raw data, analyzed data, mail result) are identified with the same name and everything is stored in a folder with the same name. This last folder can be found in the project folder nammed: Project_Acronym.

What methods will be used to ensure their scientific quality?

Description	The platform is certified ISO9001 and quality control used are describe in a technical manual. Biefly, we use external reference.

Legal and ethical requirements, codes of conduct

How will other legal issues, such as intellectual property rights and ownership, be managed? What legislation is applicable?

Description	Data belong to our collaborators

What ethical issues and codes of conduct are there, and how will they be taken into account?

Description	no ethical issues

Data processing and analysis

How and with what resources will the data be processed / analyzed?

Description	Data acquisition is done with Excalibur (thermoscientific software) and data analysis are done with Proteom discoverer (thermoscientific software) or maxquant (free software)
Related references	• maxquant : 10.1038/nbt.1511

Storage and backup during the research process

How will data be stored and backed up during the research?

Storage needs	All data are stored on a server and back up each day on a storage bay
Estimated volume of data	1
Unit	TB
Equipments, technical platforms	• supagro informatique facility (Montpellier) :
Measures taken for data security	Pass word are necessary to access computers, servers and storage bay

Data sharing and long-term preservation

How will data be shared?

Modalities of sharing	Data are shared with the collaborators when we send results (email and RENATER). Data will be shared publically thanks to public databases (PRIDE in proteome Xchange) when the collaborator will asking for.
Reusability	
Data repository/catalogs	• PRIDe : https://cat.opidor.fr/index.php/PRIDe (Entrepôt CoSO)

How will data be long-term preserved? Which data?

Justification	The MSPP plaform stored data 2 years after the closure of the project. Collaborators are in charge of the long-term storage of the data. We advice them to use public repository like PRIDE in proteomXchange.
Estimated volume of data	2
Unit	GB
Start date	
End date	
Final dispositions	