

ManGO



User Day 8 October 2024

WELCOME

October 8, 2024



107 



94



89



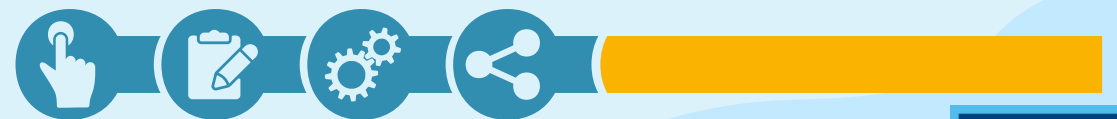
It takes a
village to
ripen a

ManGO





It takes a
Community to
ripen a
ManGO





**Good seed
makes a
good crop**

Open science



2007

Policy paper on open access



2018

LERU report



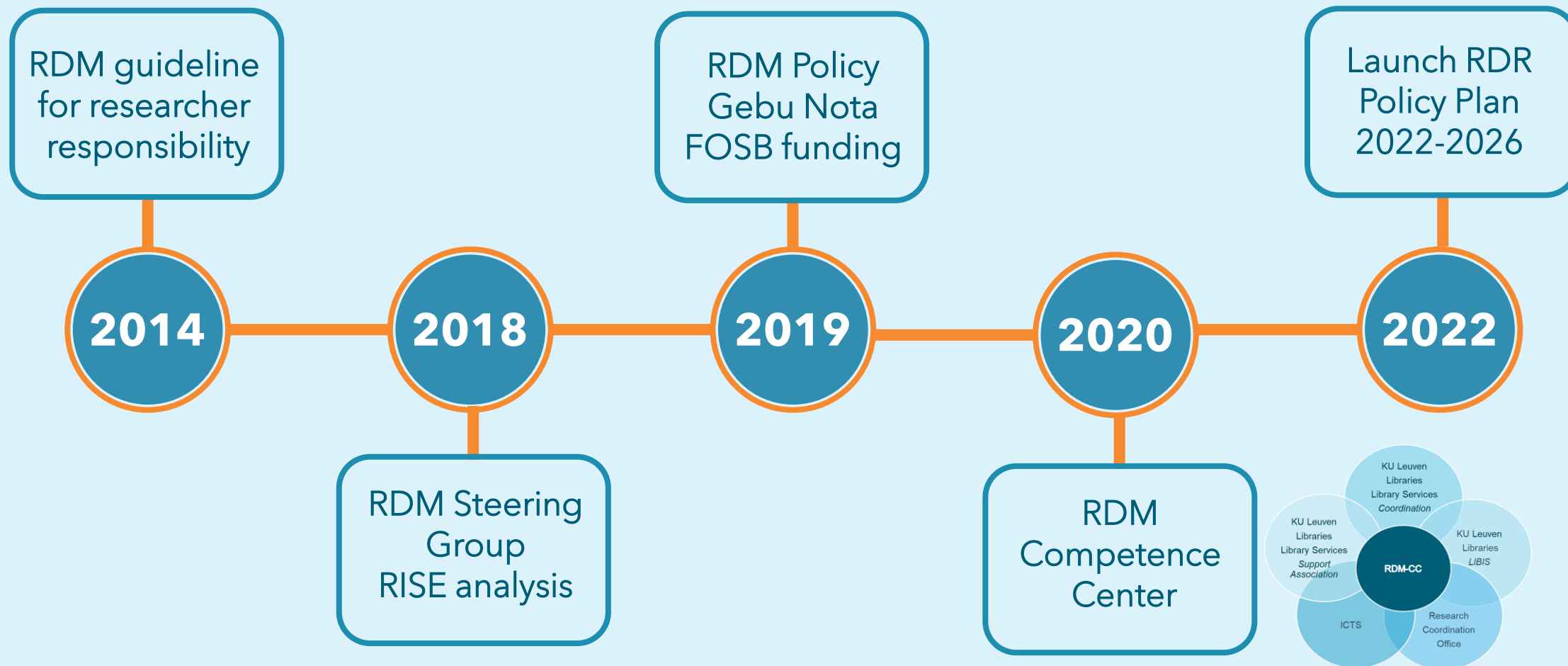
2020

Flemish Open Science Board (FOSB)

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RDM @ KU Leuven





Growing the tree



Rich soil



Light



Care

The rich soil ...

2020

2021

2022

2023

iRODS®

VLAAMS
SUPERCOMPUTER
CENTRUM



Vlaanderen
is supercomputing



Tier-1 Data



Universiteit Utrecht



university of
 groningen

KU LEUVEN



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Light and warm temperature...

2020

2021

2022

2023



First installation



Testbed



Pilot

ManGO
Portal

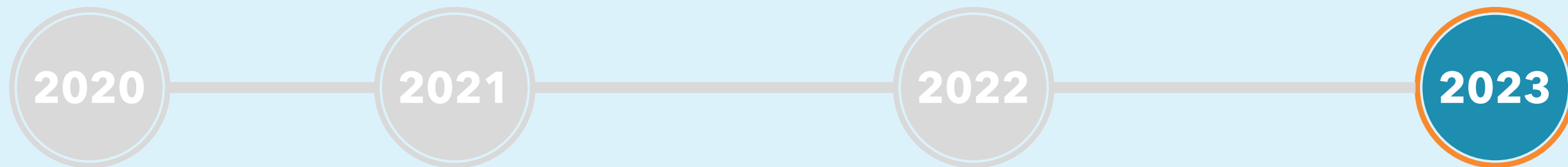


ICTS

Local IT
RDM support

First
researchers

Care ...



Intake meetings



Support and training



Consulting

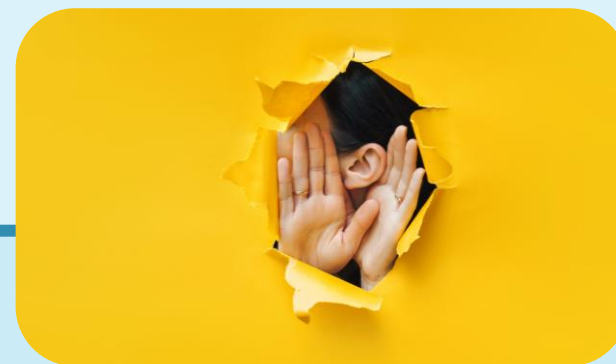
ManGO User Survey



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Jul-Aug



Integration
with MATLAB

Download entire folder
as a .zip

Better documentation
of permissions

Improve the search
interface in the portal

Download and upload
collections in the portal

Integration
with fMRI

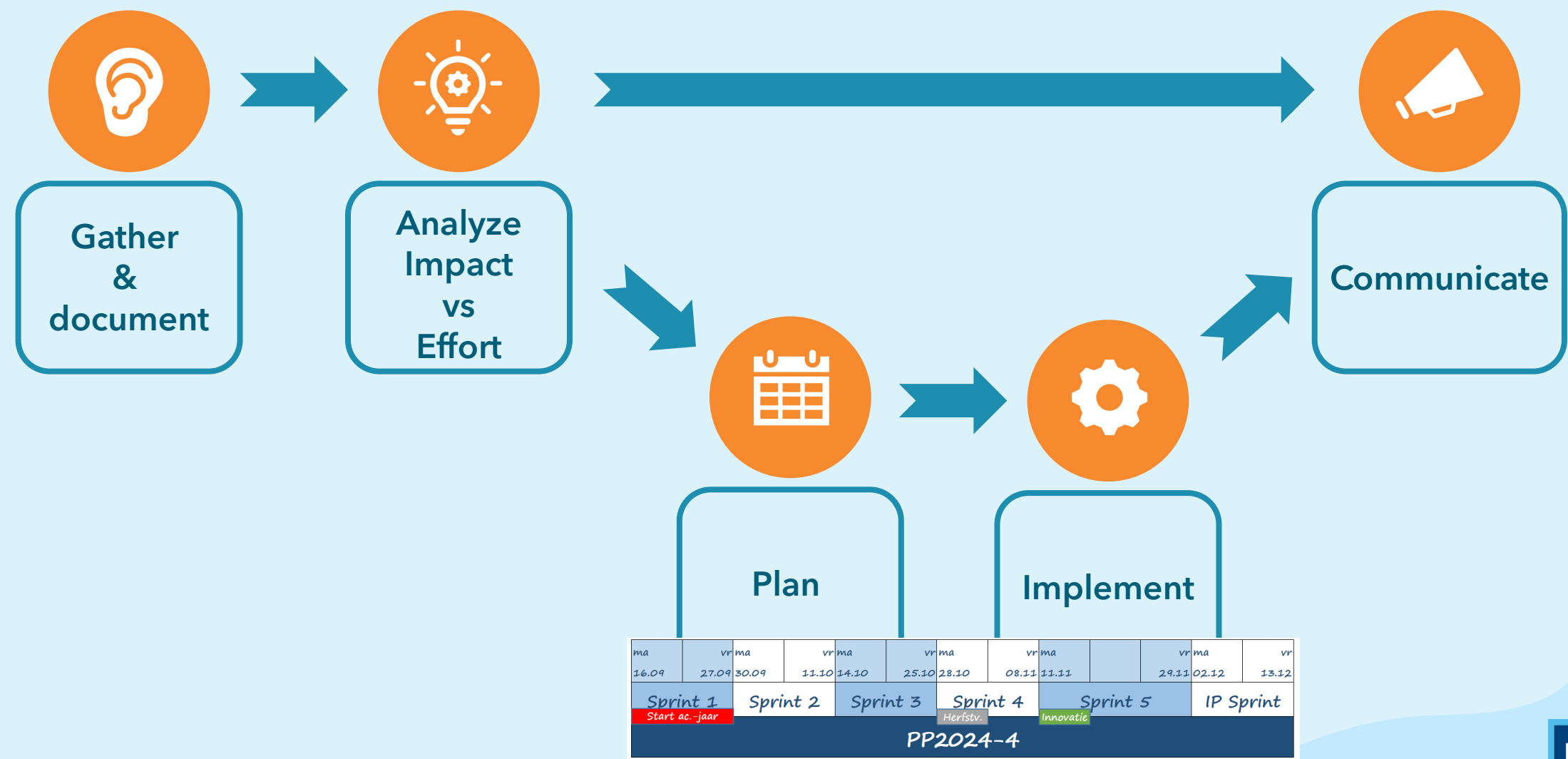
Add sorting functionality

Copy/paste automations
between ManGO projects



Action

Feature requests management





An ecosystem

ManGOPortal

ManGOschemas

ManGOingest

ManGOFlow



<https://github.com/kuleuven>

A screenshot of the GitHub profile page for the organization 'kuleuven'. The page shows the organization's name, a 'Follow' button, and a list of four public repositories. Each repository entry includes the repository name, its language, star count, license, forks, issues, and the last update date. A green line graph is visible to the right of each repository name.

github.com/kuleuven?q=mango&type=all&language=&sort=

kuleuven

Overview Repositories 106 Projects Packages People

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Follow

mango-ingest Public

Python 3 BSD-3-Clause 0 0 0 Updated last week

mango-portal Public

A web based front-end to iRODS <https://irods.org>

Jinja 2 BSD-3-Clause 1 2 0 Updated on Jun 25

mango-metadata-schemas Public

Javascript + Python application to create, manage and apply metadata schemas in iRODS

CSS 0 1 0 0 Updated on May 16

mango-mdschema Public

Python package to validate iRODS metadata based on a ManGO metadata schema.

Python 0 MIT 1 0 0 Updated on Mar 8



**When life gives
you ManGO's,
make
good data
management**

Making data management easier



ManGO in numbers

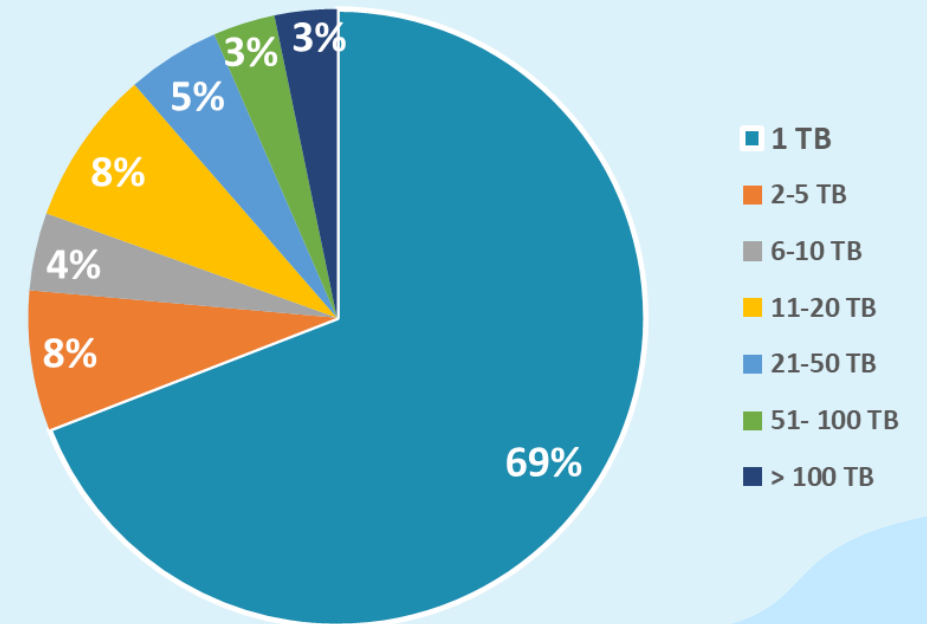
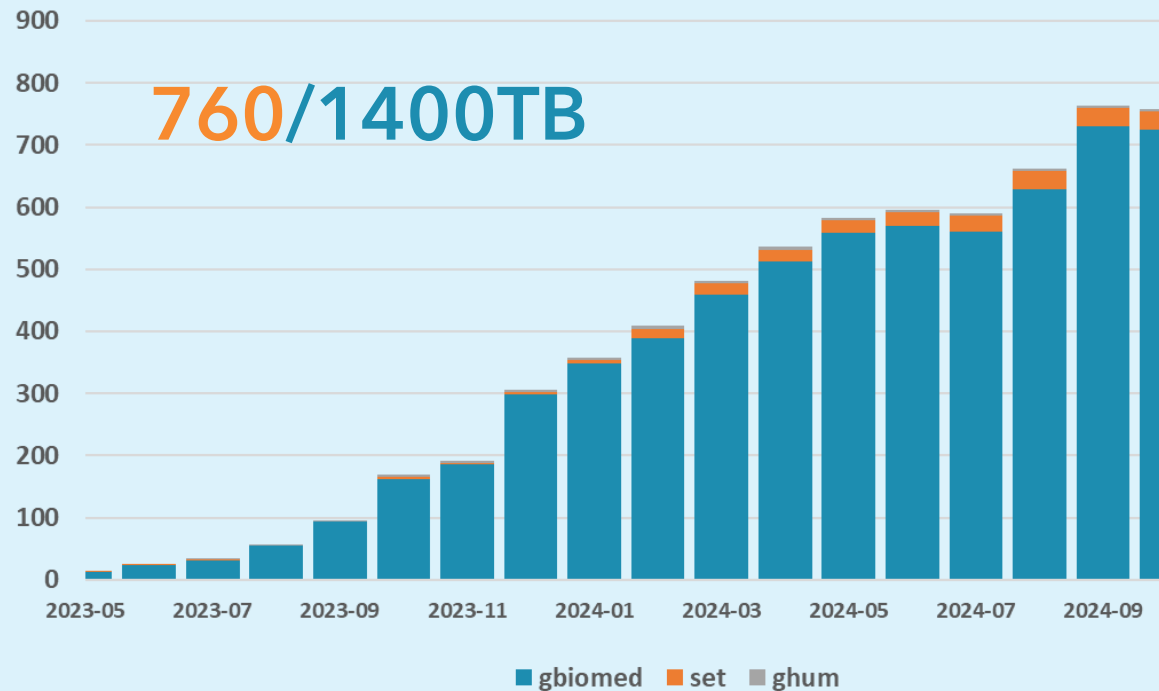


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SET

BIOMED

HUM



Research data management in action!



**Twinning Open Science with computational reproducibility:
automated logging of computational experiments in ManGO**

Giovanni Samaey



**Setting up ManGO in the lab for the research of neurodegenerative
disease**

Mark Fiers



Data Management at the FIBEr Lab

**Ronny Moreas
Heleen Fehervary**

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Data management in human exposome projects: the EXIMIOUS experience and how we plan to use it in the EXPOSIM project

Manosij Ghosh



CowConnect: A semi-real-time data acquisition from dairy farms using Globus

Martin Julius Gote



Sharing a juicy Mango brings international sites together

Moran Gilat



Managing Research Data at Research Infrastructures - The Flanders Biolmaging & ManGO connection

Sebastian Munck

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**If you want to go fast,
go alone;
if you want to go far,
go together**

ManGO

