PhDnet presents:

Open Science at the MPS

A quick guide for the Early Career Researcher!

MAX PLANCK GESELLSCHAFT

Max Planck

PhDnet

Open Science (OS) is a movement to make methods and results in research **open** and **transparent** for everyone.

As a Doctoral Candidate in the MPS

What can I do?

The **PhDnet OS workgroup** has put together this **quick guide** with some resources you should know to start making your research **OPEN**!

Pre-Registration

Publicly document a research plan prior to the start of your study. It is mostly beneficial for hypothesis testing and confirmatory research.

Great for **reproducibility**!

Registered Reports

Two-step peer review process: one prior and one after data collection and analysis. It highlights the importance of the research question and methodology.

Allows publishing of **negative results**!

You can get started at **OSF**!

Publishing Open Access

The MPS supports **Open Access**! Instead of the traditional route, you can choose:

Gold Open Access

The **Max Planck Digital Library** (MPDL) can cover the **Article Processing Charges** (APCs) of some journals when the corresponding author is affiliated with the MPS.

Green Open Access

Self-archive a version of your publication in an online repository, such as **MPG.PuRe**.

Be aware that these publications are not always peer reviewed.

Choose your license!
As the author of the publication, you set your copyright license.
MPDL encourages using CC-BY

What about my data?

After you are finished, **make your data available to others** to analyse and reuse!

Consider the FAIR principles:
Any data that you share should be **F**indable, **A**ccessible, **I**nteroperable, and **R**eusable.

Publish your code on **GitHub**, find a specialized repository in **re3data.org** or load your your data into MPDLs **Edmond**.

Find out more!

You can find more information on the MPS and Open Science by visiting the **PhDnet: OS Workgroup** website. Learn about **MPDL**'s tools on: