DR. MARC GALLAND

Plant Biologist turned bioinformatician and data analyst.
Lead the Amsterdam Science Park Study Group.
Build *ad hoc* analytical pipelines for figure creation and data processing.
Offer support and training in data analysis, statistics and research data management.
Extended CV available at https://www.mgalland.info/CV/

CONTACT

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SKILLS

Programming
R ●●●●●○
Python ●●●○○
Shell ●●●●○○

Software & Tools
Visualisation ●●●●●
(R ggplot2, Python plotnine)
Data analysis ●●●●●
(R tidyverse, Python Pandas & scikit-learn)
Docker, Singularity ●●●○○○
Version control: git, GitHub ●●●●○

Research Data Management
Zenodo ●●●●●
Utrecht University YODA ●●●○○
iRODS ●●●○○

Languages
French ●●●●●
English ●●●●●
Spanish ●●●○○
Dutch ●●○○○

DATACAMP CERTIFICATES

Python basics and advanced
Python Data Science Toolbox Part 1 and 2
Supervised learning with scikit-learn

CARPENTRIES FOUNDATION

Official instructor since 2018
6 SWC/DC Carpentry workshops

⚙ WORK HISTORY

📅 05/2017 - Present
📍 University of Amsterdam
Bioinformatics, support in data analysis,
Pipeline development, teaching & training

Support data scientist

📅 05/2014 - 04/2017
📍 University of Amsterdam
Tomato genomics, insect resistance

Post-doctoral researcher

📅 05/2010 - 04/2014
📍 INRAE, Versailles, France
Seed germination, omics data analysis

Post-doctoral researcher

🎓 EDUCATION

📅 10/2006 - 12/2009
📍 University of Monpellier (France)

PhD in Plant Molecular Biology

🏆 ACHIEVEMENTS, HONOURS AND AWARDS

- 🏆 NWO Team Science Award 2020
- 🏆 Marie Curie Sklodowsa Individual Fellowship, 2015-2017

🏛 TEACHING EXPERIENCE

- 💻 Advanced Forensics (5274ADFB6Y) Introduction to R and multivariate data
- 💻 Keystone Project III: Big Data (5042KPIB6Y) R tidyverse and RNA-seq
- 💻 Tools in Molecular Data Analysis (5224TIMD3Y) R tidyverse and RNA-seq, statistics

✏ GENERAL SKILLS

| Problem-solving | Collaborative | Persistent | Strategic |

| Networking with peers | Leadership | Software engineering |

| Bioinformatics | Statistics | Teaching | Training |

📅 WEEKLY PLANNING

- Support on data analysis
- Teaching and Training
- Research Data Management
- Miscellaneous
- Perform bioinformatic and data analyses