



FAMILY

“Running in the FAMILY – Understanding and predicting the intergenerational transmission of mental illness”

Grant Agreement number: 101057529

Deliverable 9.3

Training plan

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SUMMARY

This deliverable explains the training activities and documentation we set up within the FAMILY project, and defines the focus group of the Early Career Scientists.

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1 INTRODUCTION

1.1 Purpose and Scope

WP9 (Dissemination, communication, training, and guideline development) will identify the young researchers involved in FAMILY. Members of this group will rate their level of expertise in different areas and identify training needs and education goals which are not met by their institutional programmes. Results of this will be summarized and a training plan will be set up.

Also, a mentoring program will be set up for them, where they are linked to senior FAMILY researchers. Attention will be paid to gender balance within this group and any less represented gender will receive specific support.

Definition: Early career scientists (ECS) are all PhD students and postdocs, actively involved in FAMILY research projects.

1.2 References to other FAMILY Documents

- FAMILY DoA

2 FAMILY'S TRAINING ACTIVITIES

- Masterclasses

Masterclasses will be organised during our annual General Assembly (GA) meetings. ECS can suggest internal or external speakers or topics they are interested in.

- Secondments

In year 2 the FAMILY coordinator will provide a number of travel grants to facilitate the collaboration between FAMILY partners or with institutions in consortia funded in the same call. A one-page outline will be submitted to the project management office (PMO) before the secondment, and afterwards a short report including the outcome and added value of the visit.

- Mentoring programme

Researchers in FAMILY will adhere to relevant standards for good research practices. A mentoring programme where young researchers are linked with senior researchers in the consortium (but who are not directly involved in the young researcher's project) will be put in place as part of the training program, where issues related to research integrity and personal development can be raised and solved. Female trainees are given the option to choose a female mentor.

- Training portfolio (Appendix 1)

A FAMILY training portfolio has been set up. This training portfolio shall be filled out by each ECS, when needed, with the help of their institutional supervisor or their independent mentor (a senior scientist from the FAMILY consortium). The portfolios will be collected and assessed by the WP9 team to build the basis for coordination and organization of training activities. Towards the end of every reporting period, WP9 will collect and monitor ECS's feedback about the training activities and their reached goals. ECS will discuss the next steps with their mentor during the annual GA meetings. This way, ECS will benefit optimally from the training opportunities and will be able to follow their progress and receive support when needed.

3 PARADISE MEETINGS (KEDAC MEETINGS)

Both knowledge integration (WP7, Task 7.4) and methods training (part of WP9, Task 9.7) will be jointly organized by FAMILY partner LIR in the form of regular bi-monthly Knowledge Exchange and Data Analysis Coordination (KEDAC) meetings involving all researchers of WPs3-8, being exclusively devoted to scientific and methodological issues. Meetings will take place offline in the months of the annual GA and SC meetings and online in the months between, paused during summer. We expect that these meetings will be the point of departure of many new experiments and analyses in the individual WPs and of cross-WP integrative projects. In the final year, workshops will include discussions of follow-up ideas and initiatives, both scientifically as well as on how to further promote research in this field to the wider community beyond the time frame of the FAMILY project.

During the FAMILY Kick Off meeting the training has been renamed to PARADISE meetings (Protected Area for Real Advancement of Discussion and Scientific Exchange) with the focus on:

- Presentation and discussion of topics / concepts / methods of the labs
- Dedicated methods training workshops

The following schedule was prepared – the meeting series will start on March 22nd 2023.

Dates 2023	Type	Topic	Speaker/WP	Content	E-mail
February 22nd					
March 22nd (CONFIRMED)	Educational	High-risk cohorts	Neeltje van Haren	Biomarkers, population cohort studies (lifespan), cross-disorder, high-risk and severe mental disorders, twin/trio designs	n.vanharen@erasmusmc.nl
April 26th	Educational	Genetics	JB Pingault	Genetics and genetic epidemiology, genetic nurture, epigenetics (epigenome), intergenerational transmission, multi-omic approach, polygenic risk scores, twin/trio design	j.pingault@ucl.ac.uk
May 24th	Educational	Epigenetics	Charlotte Cecil	Genetics and genetic epidemiology, genetic nurture, epigenetics (epigenome), intergenerational transmission, multi-omic approach, polygenic risk scores, twin/trio design	c.cecil@erasmusmc.nl
June 28th	Educational	Neuroimaging	Henning Tiemeier	Neuroimaging (preprocessing), QC, prenatal exposure, social and family environmental determinants	tiemeier@hsph.harvard.edu
<i>Summer holiday</i>					
September 20th (CONFIRMED)	Educational	Ethics	Signe Mezinska / Ivars Neiders	FAMILY-related ethical questions; data-analysis and interpretation, open science	signe.mezinska@lu.lv ivars.neiders@lu.lv
(Resilience symposium on September 27th)					
October 25th	Educational / Methods	Advanced data-analysis	Christian Beckmann / Emma Sprooten	Linked ICA, predictive normative modelling, machine learning/artificial intelligence applications for FAMILY data	c.beckmann@donders.ru.nl emma.sprooten@donders.ru.nl

4 APPENDICES: TRAINING PORTFOLIO

INDIVIDUAL TRAINING PORTFOLIO
(for PhD Students, Postdocs, and other Early Career Scientists)

FAMILY (HORIZON EUROPE) WP9 TRAINING PROGRAMME

BACKGROUND INFORMATION

Definition: Early career scientists (ECS) are all PhD students and postdocs who are actively involved in the FAMILY research projects.

If you are an ECS, we highly encourage you to participate in the training programme, as your professional development can only benefit from it.

We kindly ask you to fill out this portfolio

- **to introduce yourself**
- **to assess your current career status**
- **to identify your training needs**
- **to identify your wishes for professional advice / support**
- **to define your career goals.**

The training portfolios shall be filled out by each ECS, when needed, with the help of their institutional supervisor or their independent mentor (a senior scientist from the FAMILY consortium). The portfolios will be collected and assessed by the WP9 team to build the basis for coordination and organization of training activities. Towards the end of every reporting period, we would like to receive your feedback about the training activities you enjoyed during the year and whether you have reached your goals. By that time, you will have chosen a mentor from the project who will discuss the next steps with you during the annual General Assembly (GA) Meetings. This way, we can ensure that you benefit optimally from the training opportunities and will also be able to follow your progress and receive support when needed.

PERSONAL DETAILS

Title & Full Name :.....
Gender :.....
Nationality :.....

Institution :.....
Institutional Supervisor :.....
FAMILY Mentor :.....

Work E-mail address :.....
Work Phone number :.....
Postal address (work) :.....

Master's Degree in :.....
Start date of your PhD/MD :.....
End date of your PhD/MD :.....

RESEARCH ACTIVITIES

Research project(s)

Title: [please fill in]
Short description: [please fill in]
Your Work Package: [please fill in]
Your role in FAMILY: [please fill in]

MY INTEREST IN FAMILY TRAINING ACTIVITIES

FAMILY offers the following training activities. Please indicate your interest in joining them:

Mentorship programme

- I am interested to be paired up with a mentor within the FAMILY consortium. My top 3:

.....

Masterclasses during GA meetings

- Please tell us which topics you would be interested in and suggest experts to give the lectures.

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Secondments

- FAMILY will offer secondments after the first year and will provide a number of travel grants to facilitate the collaboration between FAMILY partners. Please tell us whether you would be interested and your initial ideas.

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- Other.** Feel free to make other suggestions for how you could enlarge or deepen your skill set using FAMILY as a knowledge source.

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The PMO will collect a feedback template, which will be part of the Horizon Europe reporting on dissemination and training activities.

MENTOR MENTEE DISCUSSION POINTS (EXAMPLES)

- CAREER DEVELOPMENT GOALS
- SKILLS I WOULD LIKE TO IMPROVE

Examples: Grant writing, English presentation skills, Time management, work/life balance, managing family and career, Open science practices, or specific scientific methods or techniques

REFLECTION ON YEAR 1

Please send to the WP9 leader by October 31st 2023!

1) Which training activities in the frame of FAMILY did I do in the past year?

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2) Status quo after this year: Which skills have I learned or improved?

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3) What are my (training) steps for the next year?

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