

1st semester 2026 Stepping-Stone





IDIBAPS offers the Stepping-stone training program to all staff. This program provides high-quality training to various profiles of researchers and support staff from IDIBAPS research groups, and in specific cases, to research management professionals. The program aims to provide the IDIBAPS community with tools and knowledge in both scientific areas and other key topics essential for professional development. Specifically for research staff, we expect to provide our professionals with valuable skills both within and outside the academic setting.

- Each training session will be disseminated, and registrations will open approximately two to three weeks prior to each activity.
- If the number of interested individuals exceeds the number of available places, a waiting list will be created.
- In case it's not possible to attend a session, please inform the management team so that your place can be given to another interested person.

During the academic year, the programme may be subject to certain changes.

For any queries, the Stepping-stone Management Team will be delighted to assist you: stepping.stone@recerca.clinic.cat

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“Divulgar” la Ciència. La comunicació com a eina per arribar no només al “públic general” [20 and 29 January, 3 and 9 February]



Genomics Series: Functional Genomics Pills

- 📅 22 January: From the laboratory to reality: the importance of quality controls. *Quality controls of nucleic acids (NA)*
- 📅 19 February: NGS: The Technology supporting The Omics. *Introduction to NGS.*
- 📅 26 March: NGS: Precision Discovery through DNA-Targeted Enrichment: Focus on the essential. *DNA-Targeted enrichment*
- 📅 16 April: NGS: Unlocking Insights with Bulk RNA-seq: See the bigger picture in gene expression. *Bulk RNA-seq*
- 📅 21 May: Revolutionizing Research with Single-Cell Technologies: Every cell tells a story. *Single Cell Technologies*
- 📅 18 June: Tell me where you are and I’ll tell you who you are: bringing context into biology. *Spatial transcriptomics (HS)*



Learn to write your DMP! (Data Management Plan) [9 and 17 March]



BioData Series: Tools, Analysis & Perspectives in Biomedical Research

- 📅 19 February: Breaking the bias: Sex and Gender in Biomedical Research
- 📅 19 March: Single-cell analysis: qc, filtering, normalization, clustering, cell annotation



R for beginners. Introduction to data visualization with R and ggplot2: from data to publication quality figures [12 and 14 May]



Proposal writing for presenting successful fellowships [19 May]



Writing a Horizon Europe proposal for beginners [2 and 4 June]



Oral Presentations [11 June]

During the academic year the program will be updated adding other trainings in other topics.

- **Divulgar la Ciència. La comunicació com a eina per arribar no només al “públic general”**

Date: 20 and 29 January, 3 and 9 February

Hours: 10h to 13h

Company: Eduscopi

Trainers: Salva Ferré

Format: In Person

Room: Marie Curie (CEK)

Profile: All

Places available: 15

TOPICS:

1. Attention curve
2. Communication Tools: stories, emotions, anti-slang, relationships, hybridization, rhetorical figures, beauty, pleasure, surprise, smile
3. New trends in scientific communication: participation (e.g.: citizen science), hybridization, emotions
4. What we say without knowing we are saying it

- **Genomics Series: Functional Genomics Pills**

Date: 22 January, 19 February, 26 March, 16 April, 21 May, 18 June

Hours: 9h to 10h

Company: IDIBAPS

Trainers: Magdalena Pinyol and Functional Genomics Facility staff

Format: In Person

Room: Marie Curie (CEK)

Profile: R1+Technicians

Places available: 20

TOPICS:

1. From the laboratory to reality: the importance of quality controls. *Quality controls of nucleic acids (NA)* [22 January]
2. NGS: The Technology supporting The Omics. *Introduction to NGS* [19 February]
3. NGS: Precision Discovery through DNA-Targeted Enrichment: Focus on the essential. *DNA Targeted enrichment* [26 March]
4. NGS: Unlocking Insights with Bulk RNA-seq: See the bigger picture in gene expression. *Bulk RNA-seq* [16 April]
5. Revolutionizing Research with Single-Cell Technologies: Every cell tells a story. *Single Cell Technologies* [21 May]
6. Tell me where you are and I'll tell you who you are: bringing context into biology. *Spatial transcriptomics (HS)* [18 June]



Learn to write your DMP! (Data Management Plan)

Date: 9 and 19 March

Hours: 10:30h to 14h

Company: IRTA

Trainers: Carme Reverté

Format: In Person

Room: Marie Curie (CEK)

Profile: R1, R2, technicians, management

Places available: 20

TOPICS:

1. What is a Data Management Plan and what surrounds data management?
2. What are the requirements of the funding bodies in relation to data management?
3. Why it is necessary to write a Data Management Plan?
4. What should a Data Management Plan Includes?
5. How do you write a Data Management Plan?
6. How can you evaluate a data management plan?



- **BioData Series: Tools, Analysis & Perspectives in Biomedical Research**

Date: 21 January, 19 February and 19 March

Hours: 10:00h to 13h (depending on each session)

Company: IDIBAPS

Trainers: depending on each session (Research Computing Platform)

Format: In Person

Room: depending on each session: Marie Curie (CEK), Auditori (CEK)

Profile: R1+R2

Places available: 20

TOPICS:

1. Nextflow & Pipeline Sharing [21 January]
2. Breaking the bias: Sex and Gender in Biomedical Research [19 February]
3. Single-cell analysis : qc, filtering, normalization, clustering, cell annotation [19 March]

- **R for beginners. Introduction to data visualization with R and ggplot2:
from data to publication quality figures**

Date: 12 and 14 May

Hours: 9:30h to 13h

Company: Sarah Bonnin

Trainers: Sarah Bonnin

Format: In Person

Room: Marie Curie (CEK)

Profile: R1+R2

Places available: 20

TOPICS:

1. Identify and use RStudio panels (console, scripts, folders and files panels).
2. Locate useful resources to learn more and know where to seek help.
3. Import data from files into R.
4. Manipulate and prepare (filter, select) data.
5. Produce graphs:
 - Create a plot from “recipes”.
 - Change parameters (colour, font size, point shape, title, etc.).
 - Export high-quality graphs in different formats (pdf, jpeg, png).



- **Proposal writing for presenting successful fellowships**

Date: 19 May

Hours: 09:30h to 13:30h

Company: IDIBAPS

Trainers: Isil Tekeli and Haritz Plazaola

Format: In Person

Room: Marie Curie CEK

Profile: R1 + R2

Places available: 15

TOPICS:

1. Identifying relevant call requirements
2. Defining a writing strategy
3. Writing the different sections of a grant proposal: abstract, measurable objectives, methodology, impact, knowledge and technology transfer, etc.
4. Getting familiar with project terms and concepts (e.g. deliverables, milestones, work packages, intellectual property etc.)
5. Learning about cross-cutting issues (e.g. open science, data management, sex and gender, etc.)



- **Writing a Horizon Europe proposal for beginners**

Date: 2 and 4 June

Hours: 14h to 17:30h

Company: IDIBAPS

Trainers: Juan Abolafia

Format: In Person

Room: Marie Curie (CEK)

Profile: R2B + R3

Places available: 15

TOPICS:

1. Funding opportunities for junior PIs and senior postdocs in Horizon Europe
2. The review process of a grant
3. Tips and tricks to write the different sections of a grant proposal: abstract, objectives, methodology, impact section
4. Getting familiar with project terms and concepts (e.g. deliverables, milestones, work packages, intellectual property etc.)
5. Learning about cross-cutting issues (e.g. open science, data management, sex and gender, etc.)

- **Oral Presentations**

Date: 11 June

Hours: 09:30h to 17:30h

Company: TPM Science

Trainers: Lisa Saemisch

Format: In Person

Room: Marie Curie (CEK)

Profile: R1

Places available: 15

TOPICS:

- Relating to my audience and telling a story
- Defining my message, content and structure
- Key concepts in visual communication
- Focus on creating slide presentations
- Presenting your work – concepts and practice