



The Nemesis movie

20th December

Pls interviews (morning)

Video recordings of the meetings (morning)

Video recordings at the Hospital (after lunch)

Video recordings at Palazzo Bo (afternoon)



Pls talk at Palazzo Bo
4.30pm

Whole-Brain Dynamics and Modelling

Prof. Gustavo Deco

Local cortical sleep and diaschisis

Prof. Marcello Massimini

From synchronous to asynchronous

Prof. Maria Victoria Sanchez-Vives

Stroke networks and behavior

Prof. Maurizio Corbetta

Kick-off meeting venues

Project dinner:

Ristorante Isola di Caprera:
Via Marsilio da Padova, 11, Padova

Scientific meetings:

Veneto Institute of Molecular Medicine
Via Giuseppe Orus, 2, Padova

Scientific talks:

Palazzo Bo, Archivio Antico
Via VIII Febbraio, 1848/2, Padova

Nemesis movie:

Veneto Institute of Molecular Medicine;
Via Giuseppe Orus, 2, Padova
Neurologia - Azienda Ospedaliera di
Padova; Via Nicolò Giustiniani, 2,
35128 Padova PD

Contacts

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<https://ilbolive.unipd.it/it/event/kickoff-meeting-progetto-nemesis>

Scientific agenda

Kick-off meeting NEMESIS

Padova,
19-20
December
2023



Agenda schedule: activities and meetings

19th December

10.00-1.00pm: group presentation

Each group will present their work closely related to the Nemesis project, covering aspects such as available data, preliminary results, and ongoing analysis. **The purpose of these presentations is to provide all members with a comprehensive overview of the current capabilities related to Nemesis tasks.** The concluding slides of each presentation will be dedicated to posing questions (e.g., which type of brain connectome should be entered in the modeling?; which kind of animal behavior should be used to mirror human deficits?), seeking responses from the other teams within the consortium.

10.30 – 10.45: Maurizio Corbetta:
The Nemesis project

10.45 – 11.00: Lorenzo Pini:
UNIPD, Padova - Human

11.00 – 11.15: Manuela Allegra:
UNIPD, Padova – Animal

11.15 – 11.30: Marcello Massimini
UNIMI, Milano

11.30 – 11.45: Mavi Sanchez-Vives
IDIBAPS, Barcelona

11.45 – 12.00: Gustavo Deco
UPF, Barcelona

12.00 – 12.15: Maurizio Corbetta:
Introducing the 5 W

12.15 – 1.00: Discussion

1.00-2.00pm: lunch
multipurpose room

2.00-6.00pm: discussion seminar room

The afternoon discussions will be dedicated to specific points linked with the project.

2.00–2.45pm: WHO:

What animal model of stroke and which types of patients should we include in the project: cortical, subcortical, or all?

2.45–3.30pm: WHEN:

At which time point will we focus on the project, keeping the clinical trial in mind: acute, sub-acute, chronic at 3 months, or chronic at 6 months?

3.30–4.45pm: WHAT:

On what mechanism should we focus the analysis in both the mouse and human stroke models? Should it be perilesional delta, functional or structural connectivity delta spreading, or others?

4.45–5.30pm: WHERE:

For the final clinical trial we will conduct, which region should be the most appropriate to stimulate? Should it be the perilesional area (and how do we select the surrounding lesion environment), structurally or functionally connected regions, or regions showing delta abnormalities?

5.30–6.00pm: HOW:

Which paradigm (excitatory or inhibitory) should be the focus for both the analysis and the trial?

8:00pm: project dinner
**Ristorante Isola di Caprera,
Via Marsilio da Padova, 11,**



20th December

9.00 - 10.30am: focus groups seminar room multipurpose room

Small group discussions will be organized to delve into technical, analytical, and procedural aspects that surfaced during the group presentation. Participants will have the opportunity to explore and address specific details, share insights, and collaboratively strategize on the identified topics within their respective groups

11.00 - 12.00am: PI discussions multipurpose room

The PI will discuss organizational aspects of the project