



The European Network for Stem Cell Core Facilities



WG1, WG2 & WG3 meeting

April 17th 2024



Agenda

09:00 am

Working groups (15 min per group)

Session 1

CHAIRS: Chairs Pia and Sebastian Diecke

09:45 am

Round table discussion

09:45 am

Table allocation (one moderator and 2 note taker per table):

1.- Differentiation/models:

- How to define potency and measure variability between lines?
- How to validate a cell model (markers, functionality, etc)

2.- QC:

- Which quality controls are needed for iPSCs?
- ISSCR standards in the context of core facilities vs research labs.

3.- Experimental design:

- How does the future look in terms of “Village in a dish” vs multiclonal vs clonal?
- How many cell lines/clones or controls to work with (statistics)

10:00 am

Coffe will be served during the table discussion (until 11h)

4.- Gene editing:

- What are the best tips, tricks and protocols for large deletions and large insertions?
- Prime editing

5.- Culture conditions:

- Which are the best culture conditions for derivation and growth?
- Prior differentiation
- Matrigel replacement

6.- Reprogramming:

- Which method to use?
- Starting cell type (which best to use, what method for which)
- How to deal with vector clearence (eg. Sendai)

7.- Open topic:

- Decided by the table

13:00 am

LUNCH

Agenda

Session 2

CHAIRS: Tamer Önder and Harald Stachelscheid

14:00 pm

Summaries from the round table discussions, defining take home messages, outcomes and further actions

15:30 pm

How to use AI to make your academic life easier (like help with writing, making graphics, paper summaries, etc)

16:00 pm

COFFE BREAK

Session 3

CHAIR: Lyn Healy

16:15 pm

Methodologies for large knock-ins and deletions

16: 45 pm

How to automate your iPSC lab - with examples of both machines and successful applications

17:15 pm

Wrap-up and future plans

18:00 pm

FINAL

Who is who?



Chiara
Ambrosini



Dennis
Zorndt



Marta
Barbosa



Ralf
Kühn



Radislav
Sedlacek



Diana Papp



Hege
Brincker



Christina
Eugster



Giovanna
Giovinazzo



Melanie
Generali



Michael
Petiz



Mireia
Alemany



Jacopo
Zasso



Sarah
Tessier



Belen
Prados



Agnieszka
Nadel



Ras
Trokovic



Narasimha
Swamy



Tõnis Org



Almudena
Santos



Lisa
Pavinato



Henna
Lappi



Dilara
Akcora



Jacqueline
Severino



Giovanni
Faga



Mariestefania
Antica



Erkan
Kiris



Claudia
De Guidi



Vadims
Parfejev



Raquel
Tomas



Katrin
Neumann



Kulbhushan
Sharma



Fatma
Visal Okur



Murat
Yilmaz



Rachel
Steeg



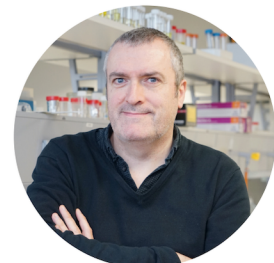
Aleksandra
Jaukovič



Jennifer
Volz-Glaser



Jeffrey
Alders



Jose A.
Costoya



Silvia
Mihaila



Martin
Gigirey



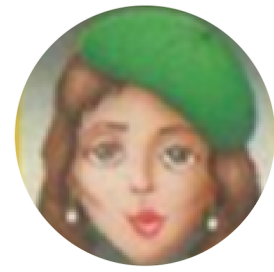
Una
Riekstina



David
Aahumada



Esra Erdal



Hannah Weidling



Silke
Frahm-Barske



Adria Dangla

Sponsors



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