

Session 1

10:00 – 12:00

Moderators: Anne Rodallec and Laurianne Simon

- 10:00-10:15 Opening and Meeting overview by Roy van der Meel and Jai Prakash
- 10:15-11:00 **Keynote speaker: Julien Nicolas (Galien Paris-Sud Institute, France)**
From controlled radical polymerization to polymer prodrugs for anticancer therapy
- 11:00-11:15 **Erik Hebels** The covalent entrapment of fragile compounds into biodegradable polymeric micelles via a native chemical ligation crosslinker
- 11:15-11:30 **Marion Sicot** Glioblastoma-targeted, local and sustained drug delivery system based on an unconventional lipid nanocapsule hydrogel
- 11:30-11:45 **Marcel Heinrich** Endotoxin contamination alters macrophage-cancer cell interaction and immunotherapy efficacy in 3D bioprinted in vitro models
- 11:45-12:00 **Jane Ramon** Exploiting endogenous melanosomes as sensitizers for killing and drug delivery by pulsed laser irradiation of melanin-producing cells
- 12:00-13:00 Lunch

Session 2

13:00 – 15:00

Moderators: Chiara Bastiancich and Roy van der Meel

- 13:00-13:45 **Keynote speaker: Elizabeth de Lange (Leiden Academic Centre for Drug Research, the Netherlands)**
Predictive CNS pharmacological research – the miracle of smart data
- 13:45-14:00 **Science Outreach Competition**
Genedy Hussein
Laura Woythe
Nienke Lokhorst
Inês Domingues
- 14:00-15:00 **Career Development Workshop with Natalia Bielczyk**
- 15:00-15:30 Coffee break

Session 3

15:30 – 16:45

Moderators: Bárbara Mesquita and Chiara Bastiancich

- 15:30-15:45 **Ahmed Mostafa** Site-directed re-engineering of tumor stroma using electrospun nanofiber in 3D model
- 15:45-16:00 **Lore Herman** Repurposing pulmonary surfactant for inhalation therapy with RNA therapeutics
- 16:00-16:15 **Bram Bogaert** (to be announced)
- 16:15-16:30 **David Schrijver** Interleukin-4 fusion protein technology to engineer nanobiologic immunotherapy.
- 16:30-16:45 **Kunal Pednekar** Novel 3D μ tissues mimicking the immuno-fibrotic microenvironment in pancreatic cancer to study nanomedicine

Awards & closing remarks

16:45 – 17:00

Drinks and Bowling

17:00 – 18:00