

# Join the **MATURE-NK** satellite meeting

**SHORT TALKS**

## Program

**When?**

14<sup>th</sup> of May 2022 at 13:45 PM

**Where?**

Great Egret Room  
Hyatt Coconut Point in Bonita Springs,  
Florida

### Session 1: Harnessing NK cells for cancer treatment

**Fredrik Thorén:** IL-2-based immunotherapy in AML - a role for immature NK cells (University of Gothenburg, Sweden)

**Jonathan Druge** (Miltenyi Biotech, Germany)

**Anna Rea** (Universitat Pompeu Fabra, Spain)

**Sonya Ciulean** (Fraunhofer Institute IZI, Germany)

### Session 2: NK cell biology

**Rebecca Kotzur** (Hebrew University Jerusalem, Israel)

**Camille Philippon** (University Hospital Oslo, Norway)

**Irene Garcés Lázaro** (University Heidelberg, Germany)

### Session 3: Engaging NK cell innate hallmarks

**Joachim Koch:** Innate Cell Engagement for New Cancer Treatments – Mono- and Combination Approaches with ICE<sup>®</sup> Molecules (Affimed, Germany)

**Natalia Colomar Carando** (University Hospital Genoa, Italy)

**Anna Thaller** (Institut Pasteur, France)

**Coffee and snacks are waiting for you!**



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**13:45 PM**

Welcome and opening remarks on behalf of MATURE-NK- **Ulrike Köhl**, project coordinator

**13:50 – 14:35 PM**

**Session 1- Harnessing NK cells for cancer treatment**

**Moderators: Natalia Colomar and Camille Philippon**

**Fredrik Thorén** (invited speaker): IL-2-based immunotherapy in AML - a role for immature NK cells

Poster  
70

Category: NK Therapeutics

**Jonathan Druge** : CAR-NK cells expressing soluble interleukin-15 exhibit sustained antitumor activity

**Anna Rea**: Engineering TGF- $\beta$  resistant NK cells

Poster  
32

**Sonya Ioana Ciulean**: CAR-NK cells against head and neck squamous cell carcinoma

Poster  
58

**15 min break**

**14:50 – 15:15 PM**

**Session 2- NK cell biology**

**Moderators: Anna Rea and Jonathan Druge**

Poster  
227

Category: NK Cell Education and Receptors

**Rebecca Kotzur**: The More the Merrier - secondary pregnancies protect the fetus better from infections

**Camille Philippon**: Lysosomal remodeling and granzyme B content define a stable global metric of NK cell function across KIR & HLA genotypes

Poster  
162

Category: NK cells and cancer

**Irene Garcés Lázaro**: Restoring NK cells activity against tumors

**15 min break**

Poster  
59

**15:30 – 16:10 PM**

**Session 3- Engaging NK cell innate markers**

**Moderators: Sonya Ciulean and Rebecca Kotzur**

**Joachim Koch** (invited speaker): Innate Cell Engagement for New Cancer Treatments – Mono- and Combination Approaches with ICE<sup>®</sup> Molecules

Poster  
97

Category: NK Therapeutics

**Natalia Colomar Carando**: Natural Killer cell engagers targeting CD19 boost NK cell activity against pediatric B-cell precursor acute lymphoblastic leukemia

**Anna Thaller**: Novel Human Immune System (HIS) mouse model to identify effector mechanisms associated with therapeutic antibodies

**16:10 – 16:15 PM Final remarks - Karl-Johan Malmberg**



Poster session I  
Sunday, May 15



Poster session II  
Monday, May 16