

**Kick-off Meeting
1st Consortium Meeting
Winter School I**

EC Innovative Training Network MATURE-NK - ETN-765104

April 2-5, 2019

Venue:
Miltenyi Biotec
Building 2, Floor 4, "Skydome" (room 4403)
Friedrich-Ebert-Str. 68
51429 Bergisch Gladbach
Germany

Monday April 1

Arrival at evening:
Jaumann's Hotel
Heidestrasse 246
51147 Köln, Germany
Tel: +49 220396470
Fax: +49 22039647317
E-Mail: welcome@jaumanns-hotel.de, info@jaumanns-hotel.de

Tuesday, April 2

- 08:15 Shuttle bus departure Hotel Jaumann's to venue at Miltenyi Biotec
- 08:45 Meet at Miltenyi Reception (Building 1, Friedrich-Ebert-Str. 68), walk to Venue, Building 2, Floor 4, "Skydome" (room 4403)
- 09:00 - 09:20 Welcome and introduction
Ulrike Köhl - Coordinator/Medical School Hannover
- 09:20 – 11:20 **Scientific Workshop Module 1**
General NK cell activity and regulation
(overview for students including recent novel developments, 25 min + 5 min discussion)
- 09:20 - 9:40 **Christian Vosshenrich** - P5 / Institut Pasteur Paris
NK cells – to be or not to be an ILC
- 09:40 - 10:10 **Adelheid Cerwenka** - P6 / University Heidelberg-Mannheim
Harnessing NK cells against tumors
- 10:10 - 10:40 **Miguel Lopez-Botet** - P7 / University Pompeu Fabra Barcelona
NK receptors and adaptive NK cells
- 10:40 - 11:00 Coffee break

- 11:00 - 11:30 **Ofer Mandelboim - P8 / Hebrew University Jerusalem**
Recognition of bacteria by NK inhibitory receptors: TIGIT and CEACAM1
- 11:30 - 13:00 **Project overviews of PI's and project proposals of students Part 1**
(suggested 15 min PI + 10 min student + 5 min discussion)
- 11:30 - 12:00 **Ulrike Köhl/Stephan Klöss/Sachin Chauhan - P1 / MHH Hannover**
Manufacturing CAR-NK cells redirected against AML
- 12:00 - 12:30 **Lise Kveberg/Camille Philippon - P2 / University Hospital Oslo**
Single cell NK cell profiling to guide cell therapy
- 12:30 - 13:00 **Alessia Bottos/Ronja Wieboldt - P3 / University Hospital Basel**
Tailored NK cell therapies in hematological malignancies
- 13:00 - 14:00 Lunch
- 14:00 - 14:30 **Project overviews of PI's and project proposals of students Part 1**
(suggested 15 min PI + 10 min student +5 min discussion) **(continued)**
- 14:00 - 14:30 **Daniela Pende/Natalia Colomar - P4 / University Hospital Genoa**
Insights in NK cell/leukemia molecular interactions
- 14:30 - 15:00 **Invited lectures Part 1**
Evelyn Ullrich, University Hospital Frankfurt
Impact of NK cells on the balance of GVL and GVHD after stem cell transplantation
- 15:00 - 15:20 Coffee break
- 15:20 - 16:20 **Project proposals of students Part 2**
(suggested 10 min student +5 min discussion - Project overview of following subprojects by PIs already in the morning session)
- 15:20 - 15:35 **Anna Thaller - P5 / Institut Pasteur Paris**
NK subset response to virus-induced and -independent tumors
- 15:35 - 15:50 **Irene Garces Lazaro - P6 / University Heidelberg-Mannheim**
Counteracting NK cell dysfunction in cancer
- 15:50 - 16:05 **Anna Rea - P7 / University Pompeu Fabra Barcelona**
Harnessing the generation/function of adaptive NK cells
- 16:05 - 16:20 **Rebecca Kotzur - P8 / Hebrew University Jerusalem**
Elusive ligands for activating NCR receptors on tumor cells
- 16:20 - 16:40 Coffee break
- 16:40 - 18:10 **Project overviews of PI's and project proposals of students Part 3**
(suggested 15 min PI + 10 min student +5 min discussion)
- 16:40 - 17:10 **Arndt von Haeseler/Lucasz Reszcynski - P9 / Medical University Vienna**
NK receptor/ligand variations from high-throughput data
- 17:10 - 17:40 **Catherine Laporte/Beatriz Cozar Fernandez - P10 / INNATE PHARMA**
Check-point inhibitors to enhance NK cell reactivity

- 17:40 - 18:10 **Rita Pfeifer/Jonathan Druge - P11 / MILTENYI BIOTEC**
Rational development of next generation CAR NK cells
- 18:15 – 19:00 Networking reception in front of skydome for all who do not participate in supervisory board meeting
- 18:15 - 19:00 **Supervisory Board Meeting Part 1** (discussions)
 all PIs plus external advisory board (Hans-Gustaf Ljunggren, Lutz Uharek)
 plus POs (Rudolf Dömötör - WU.Vienna, Ute Konopka - BDC.Basel, Michael Tesar - AFFIMED)
- 19:00 Shuttle bus departure Miltenyi Biotec to restaurant
- 20:00 Dinner Restaurant Eltzhof

Wednesday, April 3

- 08:15 Shuttle bus departure Hotel Jaumann's to venue at Miltenyi Biotec
- 08:45 Meet at Miltenyi Reception (Building 1, Friedrich-Ebert-Str. 68), walk to Building 2, Floor 4, "Skydome" (room 4403)
- 09:00 - 10:30 **Project overviews of PI's and project proposals of students Part 3**
 (15 min PI + 10 min student +5 min discussion) **(continued)**
- 09:00 - 9:30 **Jan Spanholtz/Simone Mantesso - P12 / GLYCOSTEM THERAPEUTICS**
Targeted NK cell products from stem/progenitor cells
- 09:30 - 10:00 **Ulrike Köhl/Thomas Grunwald/Sonya Ciulean - P13 / Fraunhofer IZI**
Validated in process/release assays for NK-based ATMPs
- 10:30 - 10:50 Coffee break
- 10:50 - 12:10: **Invited lectures Part 2**
- 10:50 - 11:20 **Hans-Gustaf Ljunggren, Karolinska Institutet Stockholm**
NK cell-based immunotherapy towards human hematological malignancies
- 11:20 - 11:40 **Hartmut Hengel, University Medical Center Freiburg**
Lessons on Antibodies, FcReceptors and NK cells from a Chess Grandmaster, Human Cytomegalovirus
- 11:40 - 12:10 **Silke Holtkamp, Miltenyi Biotec**
CAR T cell development and clinical application
- 12:10 - 12:35 **Angelica Cuapio, Karolinska Institutet Stockholm**
NK cell recruitment into CNS: A two-edged sword?
- 12:35 - 13:00 Theses Committees
- 13:00 - 14:00 Lunch

14:00 - 15:00 **Supervisory Board Meeting Part 2 (decisions)**
all PIs plus external advisory board (Hans-Gustaf Ljunggren, Lutz Uharek)
plus POs (Rudolf Dömötör - WU.Vienna, Ute Konopka - BDC.Basel,
Michael Tesar - AFFIMED)

Visit Miltenyi Biotec Cell Factory in 3 separate Groups:

14:30 Group 1:
15:00: Group 2
15:30 Group 3 (including supervisory board meeting participants)

16:30 Departure to short visit Cologne

17:30 Tour: Highlights of Cologne

19:00 Dinner in Cologne: Brauhaus Sünnner im Walfisch

Thursday, April 4

Departure PI's

8:30 Shuttle bus departure Hotel Jaumann's to Miltenyi Biotec

09:00 Meet at Miltenyi Reception (Building 1, Friedrich-Ebert-Str. 68),
walk to Building 2, Floor 4, "Skydome" (room 4403)

9:15 - 12:15 **Complementary Skills Module 1a**
(organized by Rudolf Dömötör, WU Vienna)
Barbara Mehner
Teamwork

12:30 - 14:00 Lunch Meeting
Boris Stoffel, CEO Miltenyi
Entrepreneurship

14:15 - 17:30 **Complementary Skills Module 1a (continued)**

14:15 - 15:30 **Leadership**

15:30 - 15:45 Coffee break

15:45 - 17:30 **Self-organization**

18:00 Shuttle bus departure Miltenyi Biotec to Hotel Jaumann's

Friday, April 5

8:30 Shuttle bus departure Hotel Jaumann's to Miltenyi Biotec

09:00 Meet at Miltenyi Reception (Building 1, Friedrich-Ebert-Str. 68)

9:15 - 15:00 **Complementary Skills Module 1b (organized by Miltenyi):**
Building 3, Room 5

09:15 - 10:15 **Janina**
Case Report: DLBCL treated with Rituximab

10:30 - 12:00 **Stefan Wahlich**
Self Organization: interactive workshop.

12:00 - 13:00 Lunch

13:00 - 14:30 **Daniel**
Communication/Presentation Skills

15:00 Departure

Complementary Skills Module 1a

Timeline & Contents:

Time	Topic	Content	Learning Outcomes
9:00 – 12:00	Teamwork	<ul style="list-style-type: none"> • Phases and processes in teams • Different team roles • Success factors for high-performance teams • Practical team exercises 	<ul style="list-style-type: none"> • Participants learn to build and kick-off successful teams and how to increase effectiveness in existing teams
12:30-14:00	Lunchbreak & Miltenyi talk		
14:00 – 15:15	Leadership	<ul style="list-style-type: none"> • Challenging situations in leadership roles • Leadership styles • Transformational leadership • Practical exercise and individual feedback for early stage leadership situations 	<ul style="list-style-type: none"> • Participants learn how they can lead teams/students etc. effectively • They learn hands on leadership strategies and skills for challenging situations especially in the early career stages
	Coffee Break		
15:30 – 17:15	Self-organization	<ul style="list-style-type: none"> • Individual reflection about tasks, responsibilities and goals in the project • Role ambiguity and role conflicts • Stress & resilience • Prioritization and time management tools 	<ul style="list-style-type: none"> • Participants get an overview over the demands that they face during the course of the project and develop an individual project timeline to plan parallel tasks • They prepare individual strategies for coping successfully with high demands and stressful periods during the project