



# Máxima**butterfly.**



## Training School 2024

### 23 Sept. – 25 Sept.

# EUROPEAN NETWORKS

## BRIDGING THE GAP - INDUSTRY & ACADEMIA

### Programme overview

#### Monday 23 September *(open to all registered Máxima research members)*

Location: Princess Máxima Auditorium

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|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:15 – 09:00 | Registration with tea/coffee                                                                                                                                                                   |
| 09:00 – 09:15 | Welcome & Introduction – Marcel Kool & Jan Molenaar                                                                                                                                            |
|               | <b>Session 1: Cancer Regulation &amp; Immunotherapy</b><br><i>Chair: Marcel Kool, co-chair Hannah Kunstek &amp; Vagabond student</i>                                                           |
| 09:15 – 10:15 | CAR T cell therapies for pediatric cancers – <b>Claudia Rossig</b> , Princess Máxima Center & Department of Pediatric Hematology and Oncology, University of Münster, Germany                  |
| 10:15 – 10:30 | A common ‘ground-state’ in atypical teratoid rhabdoid tumors at the basis of subgroup-specific differentiation trajectories – <b>Jiayou He</b> , VAGABOND project, (10min & 5min Q&A)          |
| 10:30 – 10:45 | A game of hide and seek: targeting neuroblastoma's escape from immunotherapy – <b>Beatrice Piotto</b> , BUTTERFLY project (10min & 5min Q&A)                                                   |
| 10:45 – 11:15 | Coffee break                                                                                                                                                                                   |
| 11:15 – 11:16 | <i>Chair: Marcel Kool; co-chair Elisabetta Liuzzi</i>                                                                                                                                          |
| 11:16 – 11:30 | Modeling dynamic fluctuations of EWS:FLI1 reveals pivotal molecular drivers of tumor plasticity and prognosis in Ewing sarcoma – <b>Veveeyan Suresh</b> , VAGABOND project, (10min & 5min Q&A) |
| 11:30 – 11:45 | Single-cell analysis of pediatric myelodysplastic syndrome – <b>Patrycja Fryzik</b> , BUTTERFLY project (10min & 5min Q&A)                                                                     |
| 11:45 – 12:00 | <b>Group Photo: Vagabond &amp; Butterfly's plus PI's</b>                                                                                                                                       |
| 12:00 – 13:30 | Lunch (reserved for speakers, Butterfly & Vagabond students) & Poster session                                                                                                                  |
| 13:30 – 15:15 | <b>Session 2: Oncological Frontiers: Brain, Blood, and Beyond</b><br><i>Chair: Jan Molenaar, co-chair Franziska Oberhammer</i>                                                                 |
| 13:30 – 13:35 |                                                                                                                                                                                                |
| 13:35 – 14:30 | Organoids, Human Cancer Immunity Models in Motion – <b>Anne Rios</b> , Princess Máxima Center                                                                                                  |
| 14:30 – 14:45 | Exploring Blinatumomab in Infant Acute Lymphoblastic Leukemia – Long-term outcome Pharmacokinetics and key-safety parameters – <b>Miguel Martins</b> , BUTTERFLY project (10min & 5min Q&A)    |
| 14:45 – 15:00 | Epigenetic targeting primes T-cell acute lymphoblastic leukemia for combination therapies that converge on MYC signaling – <b>Eva Sofie Baum</b> , BUTTERFLY project (10min & 5min Q&A)        |
| 15:00 – 15:15 | Uncovering the association of extracellular vesicle cargo with chemoresistance in osteosarcoma, <b>Joaquin Jurado</b> , VAGABOND project, (10min & 5min Q&A)                                   |

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| 15:15 – 15:45 | Coffee break - (30mins)                                                                                                                                                                  |
| 15:45 – 15:46 | Chair: Jan Molenaar                                                                                                                                                                      |
| 15:46 – 16:00 | Cognitive and adaptive functioning outcomes in young children diagnosed with cancer: a systematic review - <b>Jessica Beamish</b> , BUTTERFLY project (10min & 5min Q&A)                 |
| 16:00 – 16:15 | Elucidating the role of R-loops in the biology of pediatric brain tumors and their potential as novel therapeutic biomarkers – <b>Julie Wijns</b> , BUTTERFLY project (10min & 5min Q&A) |
| 16:15 – 16:30 | Deep learning-based auto-contouring of organs/structures-at-risk for pediatric abdominal tumor patients- <b>Mianying Ding</b> , BUTTERFLY project (10min & 5min Q&A)                     |
| 16:30 – 16:45 | End of day & Prizes 1, 2 <sup>nd</sup> & 3 <sup>rd</sup> - <b>Marcel Kool &amp; Jan Molenaar</b>                                                                                         |
| 16:45 – 17:30 | <b>Drinks &amp; Snacks</b>                                                                                                                                                               |
| 17:30         | Butterfly & VAGABOND students meet at the main reception for tram to Utrecht Central                                                                                                     |
| 18:30 – 20:30 | Butterfly & VAGABOND students - Utrecht by boat with pizza & drinks                                                                                                                      |

## INDUSTRIAL MARKET FAIR - Tuesday, 24 September 2024

*Open to all registered Máxima research members*

**MARKET FAIR COMPANIES: CROWN BIOSCIENCE, GENMAB, ROCHE-GENETECH & SANOFI**

*Location – Princess Máxima Center, Auditorium & Auditorium Foyer*

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|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:30 – 09:50 | Registration with tea & coffee                                                                                                                            |
| 09:50 – 09:55 | Welcome – Marcel Kool                                                                                                                                     |
| 10:00 – 11:00 | <b>MARKET FAIR in parallel to the talks</b> ( <i>Open to Máxima PhDs &amp; Postdocs</i> )                                                                 |
| 10:00 – 11:00 | <b>SESSION 3 - INDUSTRIAL TALKS</b><br><i>Chair: Marcel Kool</i>                                                                                          |
| 10:00 – 10:30 | TITLE TALK: <b>Marrit Putker</b> , Senior Director R&D, <b>Crown Bioscience</b> (20 mins + 10 Q&A)                                                        |
| 10:30 – 11:00 | Applying enhanced IgG hexamer formation in the clinic - <b>Ida Hiemstra</b> , Associate Director Translational Research, <b>Genmab</b> (20 mins + 10 Q&A) |
| 11:00 – 11:30 | Coffee break                                                                                                                                              |
| 11:30 – 12:20 | <b>Poster Session</b><br><i>Location: Kleine zaal – restricted access, for vagabond, butterfly students &amp; review panel</i>                            |
| 12:20 – 13:20 | Lunch – reserved for speakers, company reps, Butterfly & Vagabond students                                                                                |
| 13:20 – 15:30 | <b>Butterfly/Vagabond Meet &amp; Greet – RESTRICTED TO BUTTERFLY &amp; VAGABOND STUDENTS</b>                                                              |
| 13:20 – 13:30 | Speed dating guidelines – <b>Martina O’Flaherty/Linda Schild</b>                                                                                          |
| 13:30 – 14:40 | Speed date rounds 1,2 & 3(20 mins)                                                                                                                        |

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| 14:40 – 15:10 | Coffee Break                                                                                                                                               |
| 15:10 – 16:00 | Speed date rounds 4 & 5 (20 mins)                                                                                                                          |
| 16:00 - 17:00 | <b>MARKET FAIR</b> <i>Open to Máxima PhDs &amp; Postdocs</i>                                                                                               |
| 16:00 -17:00  | <b>COMPANY TALKS</b><br><i>Chair: Jan Molenaar</i>                                                                                                         |
| 16:00 – 16:30 | Targeting the undruggable: molecular glues as novel therapy for cancer and beyond - <b>Loes Stevers</b> , Principal scientist, <b>Ambagon Therapeutics</b> |
| 16:30 – 17:00 | TITLE TALK: <b>Kyle Jensen</b> , Lead pediatric clinical program, <b>Sanofi</b>                                                                            |
| 17:00 – 17:20 | End of day & winner poster prizes (4 posters): <b>Jan Molenaar</b>                                                                                         |
| 17:20 – 18:00 | Drinks                                                                                                                                                     |

## Wednesday 25 September *Open to all registered Máxima research members*

*Location – Auditorium & Auditorium Foyer*

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| 08:00 – 08:30 | Registration with coffee                                                                                                                                                                                         |
| 08:30 – 08:40 | Welcome – Marcel Kool                                                                                                                                                                                            |
| 8:40 – 11:30  | <b>Session 4 - Compound Testing and Clinical Implementation</b><br><i>Chair Marcel Kool</i>                                                                                                                      |
| 08:40 – 10:00 | Compound testing and clinical implementation – <b>Paco Bautista Sirvent</b> , Clinical Research Committee, Princess Máxima Center, & <b>Dominik Karres</b> , Scientific Officer, Pediatric Medicines Office, EMA |
| 10:00 – 10:20 | Coffee break                                                                                                                                                                                                     |
|               | <i>Chair Marcel Kool</i>                                                                                                                                                                                         |
| 10:20 – 11:00 | TITLE TALK - <b>Hubert Caron</b> , Translational Science-driven Drug Development for Children with Cancer at Roche-Genentech (30min talk + 10mins Q&A)                                                           |
| 11:00 – 11:15 | End of program, – Marcel/Jan                                                                                                                                                                                     |
| 11:30         | Bus departs to Texel for Vagabond students                                                                                                                                                                       |
| 11:15 – 12:15 | Lunch reserved for Butterfly students & speakers                                                                                                                                                                 |
| 12:30 – 13:30 | <b>Lunchtime lecture -</b> (Máxima Seminar Series) <i>open to all Máxima research members</i><br><i>Chair – Rene Medema</i><br>Gerben Vader , Group leader, Princess Máxima Center                               |
| 13:30 – 14:30 | Ethics from the patient viewpoint – <b>Lieve Tytgat</b>                                                                                                                                                          |
| 14:30 – 14:50 | Coffee break                                                                                                                                                                                                     |
| 14:50 – 17:00 | <b>Butterfly Session - RESTRICTED TO BUTTERFLY STUDENTS</b>                                                                                                                                                      |

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| 14:50 – 16:20 | How to incorporate green practices in your PhD journey – <b>Marlinde van den Boogaard, &amp; Giada Blandano</b> Green Labs, Princess Máxima Center |
| 16:20 – 17:00 | Butterfly updates & Peer discussion – <b>Martina O Flaherty and students</b>                                                                       |
| 17:00 – 17:30 | DRINKS AND CLOSE                                                                                                                                   |