



15.45 hrs      Examples of ongoing ATMP studies

**Tanja Nolic, Leiden University Medical Center**

*Tolerogenic vaccination with dendritic cells in type 1 diabetes - from an idea to a trial*

**Annelies Jorritsma, University Medical Center Groningen**

*GMP manufacture of Vvax001, a therapeutic anti-HPV vaccine-based on recombinant viral particles*

**Joost van de Berg, The Netherlands Cancer Institute**

*Adoptive T cell therapy*

16.45 hrs      **Arie van Oorschot, ProPharma group**

*AAV translation from bench to clinic*

17.15 hrs      **General Discussion**

[Chairs: Pauline Meij & Annelies Jorritsma](#)

17.45 hrs      **Leisure time**

18.30 hrs      **Dinner**

20.30 hrs      **Rob Hoeben, Leiden University Medical Center**

*Twenty Years of NVGCT: the Science, History, and Future of Dutch Gene Therapy*

[Chair: Hidde Haisma](#)

21.30 hrs      **Drinks celebrating 20<sup>th</sup> anniversary NVGCT**

## Thursday March 7<sup>th</sup> 2019

- 9.00 - 10.15 hrs      **SESSION I                      ONCOTHERAPY**
- 9.00 hrs              **Mirjam Heemskerk, Leiden University Medical Center**  
*TCR gene therapy for hematological malignancies and solid tumors*
- 9.30 hrs              **Frederique de Graaf, Erasmus Medical Center**  
*Improving safety and efficacy of the oncolytic Newcastle Disease virus*
- 9.45 hrs              **Olivia Adaly Diaz Arguello, University of Groningen**  
*Simultaneous targeting of Epidermal Growth Factor Receptor (EGFR) and death receptors (DR4 and DR5) by an adenoviral expressed fusion protein containing sTRAIL DR4- and DR5-specific mutants enhances apoptosis in cancer*
- 10.00 hrs            **Tereza Brachtlova, Amsterdam University Medical Center**  
*RNAi library screening to identify target Genes for more effective oncolytic immunotherapy of melanoma*  
  
[Chair: Enrico Mastrobattista](#)
- 10.15 - 11.00 hrs    **SESSION II                      CARDIOTHERAPY**
- 10.15 hrs            **Joost Sluijter, University Medical Center Utrecht**  
*Advancing therapeutics for myocardial repair - how to move forward?*
- 10.45 hrs            **Jianan Wang, Amsterdam University Medical Center**  
*Efficient delivery of the skeletal muscle sodium channel 1 to cardiomyocytes with dual AAV vectors*  
  
[Chair: Rob Collin](#)
- 11.00 hrs            *Coffee break*
- 11.15 - 12.45 hrs    **NVGCT-ZonMw Young Investigator Speed Date Challenge (I)**
- 11.15 hrs            Introduction / explanation Speed Date Challenge, Ingrid de Visser
- 11.25 hrs            Speed-date sessions
- 11.55 hrs            Start drafting projects  
  
[Chairs: Ingrid de Visser & Jan Theys](#)
- 12.45 - 13.45 hrs    **Lunch**

- 13.45 - 15.00 hrs      **SESSION III                      IMMUNE THERAPY**
- 13.45 hrs      **Ioanna Milenova, Amsterdam University Medical Center**
- The melanoma microenvironment conditions macrophages to adopt an immunosuppressive M2-like phenotype, which is reversed by the oncolytic virus ORCA-010 and JAK2 or p38-MAPK inhibition*
- 14.00 hrs      **Alexandra Mowday, University of Maastricht**
- Targeting the tumour microenvironment using Clostridia-directed enzyme prodrug therapy*
- 14.15 hrs      **Stefaan de Koker, eTheRNA**
- TriMix based mRNA immunotherapies*
- 14.45 hrs      **Özgür Doğuş Erol, Hacettepe University Ankara**
- Development and Differentiation of Induced Pluripotent Stem Cells from Griscelli type 2 patients*
- 15.00 hrs      **Marta Lopez Gonzalez, Amsterdam University Medical Center**
- Adenoviral gene delivery of an active form of GSK3-beta in the melanoma tumor microenvironment renders dendritic cells refractory to immune suppression and induces T cell activation and cancer cell death*
- [Chair: Toos Daemen](#)
- 15.15 hrs      *Coffee break*
- 15.30 hrs      **Len Seymour, University of Oxford**
- Targeting immunotherapy using oncolytic viruses*
- [Chair: Victor van Beusechem](#)
- 16.15 hrs      **Barbara te Riet – Schulte**
- Gene Therapy Office – Regulations in a rapidly emerging field*
- 16.30 hrs      **General Assembly NVGCT**
- 17.15 hrs      **Leisure time / draft projects Speed Date**  
Proposals need to be handed in at 22.30 hrs ultimately
- 18.30 hrs      **Dinner**
- 20.30 hrs      **Famous NVCGT Pubquiz**
- [Quizmaster Jan Theys](#)

## Friday March 8<sup>th</sup> 2019

- 9.00 - 11.00 hrs      **SESSION IV                      GENE THERAPY**
- 9.00 hrs      **Erwin van Wijk, Radboud University Medical Center**
- Expression of USH2A minigenes improves visual function in a zebrafish ush2a knock-out model*
- 9.30 hrs      **Xiaoxia Shi, Amsterdam University Medical Center**
- Immune suppression allows effective treatment by AAV-hUGTA1 of inherited unconjugated hyperbilirubinemia mediated in vivo gene therapy in Gunn rats*
- 9.45 hrs      **Vera Kemp, Leiden University Medical Center**
- Yields and genetic stability of replicating recombinant reoviruses*
- 10.00 hrs      **Brian Kaspar, Avexis**
- Gene Delivery Translation with AAV9: lessons learned 10 years after passing Blood Brain Barrier*
- 10.30 hrs      **Joris van Avensbergen, Gen-X BV**
- SURE: an unbiased, genome-wide assay to identify regulatory elements for custom-made gene expression*
- 10.45 hrs      **Robert Bakker, Amsterdam University Medical Center**
- Adeno-associated viral gene therapy corrects the phenotype of a mouse model for progressive familial intrahepatic cholestasis type 3*
- [Chair:](#) Gerard Wagemaker
- 11.00 hrs      *Coffee break*
- 11.15 hrs      **NVGCT-ZonMw Young Investigator Speed Date Challenge (II)**
- Pitches (5 minutes each) by three selected couples*
- [Chairs:](#) Jan Theys & Ingrid de Visser
- 11.35 - 12.15 hrs      **Greiner Award for Best Thesis 2018**
- [Chair:](#) Rob Collin
- 12.15 - 13.15 hrs      **Lunch**

13.15 - 14.45 hrs	<b>SESSION V</b>	<b>GENOME EDITING</b>
13.15 hrs	<b>Amer Jamalpoor, Utrecht University</b>	
		<i>Investigating the pathophysiology and a potential therapeutic approach for cystinosis</i>
13.30 hrs	<b>Bin Liu, University of Groningen</b>	
		<i>HDAC1 and HDAC2 are essential for CRISPR/Cas9 mediated gene editing</i>
13.45 hrs	<b>Keynote Lecture</b>	<b>Matthew H. Porteus, Stanford University</b>
		<i>Genome Editing of Hematopoietic Stem Cells To Treat Disease</i>
		<a href="#">Chair: Piter Bosma</a>
14.45 hrs	<b>Award winning ceremony &amp; Meeting Closure</b>	
		<i>Announcement winner ESGCT Best Abstract Award</i>
		<i>Announcement winners ZonMW Speed Date</i>
		<a href="#">Chair: Victor van Beusechem</a>
~15.00 hrs	<b>End</b>	