



# NVVI Spring Symposium 2024

## "Breaking new grounds in Immunology"

### Thursday March 21<sup>st</sup>, 2024

11.00 Welcome and Introduction by Martijn Nawijn

#### Session I Innate immunity

Chair: Martijn Nawijn

11.15 Identifying new regulators of ILC2s and type-2 inflammation  
*Andrew McKenzie, Cambridge, United Kingdom*

12.00 CAR-NK cells, the newest cell kid on the block in cancer immunotherapy  
*Wilfred Germeraad, Maastricht, the Netherlands*

#### 12.45 Lunch

#### Session II Neuroimmune interactions

Chair: Lotte Wieten

13.45 Neuronal regulation of immunity and tissue repair  
*Sophie Ugolini, Marseille, France*

14.30 Macrophage-mediated control of sensory neuron homeostasis  
*Harald Lund, Stockholm, Sweden*

#### 15.15 Tea break

#### Session III Glycobiology in the immune system

Chair: Laia Querol

16.00 Turning sweet in immunity: glycans as master regulators of inflammation, autoimmunity and cancer  
*Salome Pinho, Portugal*

16.45 Glycosylation in adaptive immune responses  
*Manfred Wuhrer, Leiden, the Netherlands*

#### 17.30 Career development workshop

#### 17.30 Drinks

#### 18.00 Dinner

#### 20.00 Keynote evening lecture:

Chair: Wendy Unger

Increasing complexity of arbovirus immunity  
*Marion Koopmans, Rotterdam, the Netherlands*

#### 21.00 Drinks (at own account)



---

## Friday March 22<sup>nd</sup>, 2024

### 8.15 'Meet-the-speaker' breakfast sessions

#### Session IV Regulation of adaptive immune cells

Chair: *Iosifina Foskolou*

9.00 The role of mitochondrial calcium in B cell signaling and metabolism  
*Julia Jellusova, München, Germany*

9.45 How the dark genome prepares memory T cells for recall  
*Ralph Stadhouders, Rotterdam, the Netherlands*

10.30 **Sponsored lecture by ImmunoSpot**  
Next-generation B cell ImmunoSpot(R) assays permit in-depth assessment of the B cell response elicited by SARS-CoV-2 infection and/or COVID-19 mRNA vaccination  
*Greg Kirchenbaum*

### 10.45 Coffee break

#### Session V Regulation of tissue-specific immunity

Chair: *Jeroen den Dunnen*

11.15 Unravelling stromal cell regulation of the humoral response in lymphoid tissue and beyond  
*Alice Denton, London, United Kingdom*

12.00 Using in vivo CRISPR screens to study of cell-cell interactions within the macrophage niche  
*Martin Guilliams, Ghent, Belgium*

### 12.45 Lunch

#### Session VI Anti cancer immunity

Chair: *Febe van Maldegem*

13.45 How T cells are regulated through translation control in health and disease  
*Monika Wolkers, Amsterdam, the Netherlands*

14.30 Necrophagy, coprophagy, DaNGeRous indigestion and immunity to cancer  
*Caetano Reis e Sousa, London, United Kingdom*

15.15 Closure by Martijn Nawijn