

# Programme NVTB Meeting 2018

## Day 1: Thursday April 5th

10:30 Registration (Tea/Coffee)

11:00 - 11.10 Jaap Kaandorp, *Opening statements*

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11:10 - 12.00 Bert Theunissen, *What scientific integrity is really about*

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12.00 - 12.25 Helen Kruize, *Evolutionary fine-tuning of the bacterial chemotaxis network to different ecologies*

12:30 - 13:30 **Lunch**

13:30 - 13:55 Hilje Doekes, *Evolution of bacteriocin regulation by local cell density cues*

13:55 - 14:20 Inge Wortel, *Learning by example: How T cells learn to discriminate “self” from “foreign” during negative selection*

14:20 - 14.40 **Tea/Coffee**

14:40 - 15.05 Fransje van Weerden, *Quantifying the effects of lateral and frontal visual fields on transmission of information in foraging groups*

15.05 - 15.30 Shabaz Sultan, *How Immune Cells Find Each Other; In Silico Model of Fibroblastic Reticular Network Structure and Morphology*

15:45 - 16.15 **Registration continued**

16:15 - 17:00 **Yearly (general) meeting**

18:00 **Dinner**

19:15 **Getting lost in the dunes of Schoorl**

## Day 2: Friday April 6th

08:30

**Breakfast**

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9:30 - 10.20

Sander van Doorn, *Unfolding the complexity of a three-part brain*

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10:20 - 10.45

Anieke van Leeuwen, *Critical chronicity: acute and chronic infections emerge in a single within-host model due to resource modulation by parasites*

10:45 - 11.05

**Tea/Coffee**

11:05 - 11.30

Bram van Dijk, *Virtual microbes evolve to anticipate the predictable long-term evolution experiment*

11:30 - 11.55

Sjors Stouten, *Mathematical modelling of radiation-induced DNA damage repair and carcinogenesis*

11:55 - 12.25

Glenn Mulder, *Evolution of lysogeny and bacteriophage communication*

12:30 - 13.30

**Lunch**

13:30 - 13.55

Gerard Jagers op Akkerhuis, *Biological organization three decades after Ernst Mayr*

13.55 - 14.20

Remie Janssen, *Combining gene trees into a phylogenetic network*

14:20 - 14.55

Lotte de Vries *Linking life history theory, population genetics and population ecology using evolutionary demography: a matrix population model approach.*

14:55 - 15.15

**Tea/Coffee**

15:15 - 15.30

Jaap Kaandorp, *Presentation price & closing words*