



# Symposium Systems Biology for Food, Feed, and Health

## *From Gene to Ecosystem*

WCSB Symposium, June 24th 2014, Wageningen University

- 09:00 **Jaap Molenaar**, Wageningen University  
*The Wageningen approach to Systems Biology*
- 09:10 **Dolf Weijers**, Wageningen University  
*Genetic control of patterning and growth in plant embryo development*
- 09:50 **Marcel Janson**, Wageningen University  
*Self organisation of dynamic microtubule networks*
- 10:30 Coffee/Tea break
- 11:00 **Pauline Hogeweg**, University of Utrecht  
*Evolutionary Systems Biology: studying the interfaces between genome structure, regulatory networks, morphology and evolution*
- 11:40 **Johan van Leeuwen**, Wageningen University  
*Biomechanics of swimming in larval zebrafish*
- 12:20 Lunch
- 13:10 **Poster Session**
- 14:10 **Frank Bruggeman**, Vrije University Amsterdam  
*Tracking single-cell responses one mRNA molecule at a time: application of RNA FISH to single yeast and human cells*
- 14:50 **Dick de Ridder**, Wageningen University  
*Redesigning biological sequences by learning from data*
- 15:30 Coffee/Tea break
- 16:00 **Wim van der Putten**, NIOO, Wageningen University  
*Scaling up systems biology by grafting community interactions into ecosystem processes*
- 16:40 **Vitor Martin dos Santos**, Wageningen University  
*ISBE- Infrastructure for Systems Biology in Europe*
- 17:10 Closing remarks

For more information and registration, go to:

[www.wageningenur.nl/symposiumsystemsbiology](http://www.wageningenur.nl/symposiumsystemsbiology)