

Genome Sciences Seminar

W UNIVERSITY of WASHINGTON



Dr. Marian Walhout

Professor and Co-Director, Program in Systems Biology
University of Massachusetts Medical School



Marian Walhout

A.J. Marian Walhout obtained her PhD in Biochemistry at Utrecht University, in the Netherlands. After completing post-doctoral research at Harvard Medical School, she started her group at the University of Massachusetts Medical School in 2003.

Research in her group focuses on two types of biological networks and the connections between them: metabolic networks and gene regulatory networks.

She has pioneered using gene-centered approaches to map and understand multiparameter gene regulatory and transcription factor networks. More recently, she has established a powerful interspecies system in which high-throughput genetics in *C. elegans* is combined with genetics in its bacterial diet to gain insight into the effects of nutrition on gene expression and life history traits, and to explore interactions between eukaryotic and prokaryotic systems.

In 2012, she co-edited the “Handbook in Systems Biology”, which was published by Elsevier.

She is currently Co-Director of the Program in Systems Biology and Professor in Molecular Medicine at UMMS.

“*C. elegans* Gene Regulatory and Metabolic Networks”

Wednesday, October 19, 2016

3:30

Foege Auditorium, S-060

Refreshments served outside the Auditorium at 3:20pm

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Seminar website at <http://www.gs.washington.edu/news/seminars.htm>

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