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# NICHOLSON LECTURE

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SCIENCE FOR THE BENEFIT OF HUMANITY

Karolinska Institutet

# NICHOLSON LECTURE

# Transcriptional Control of Dopamine Neuron Specification and Maintenance


Thomas Perlmann, Ph.D.

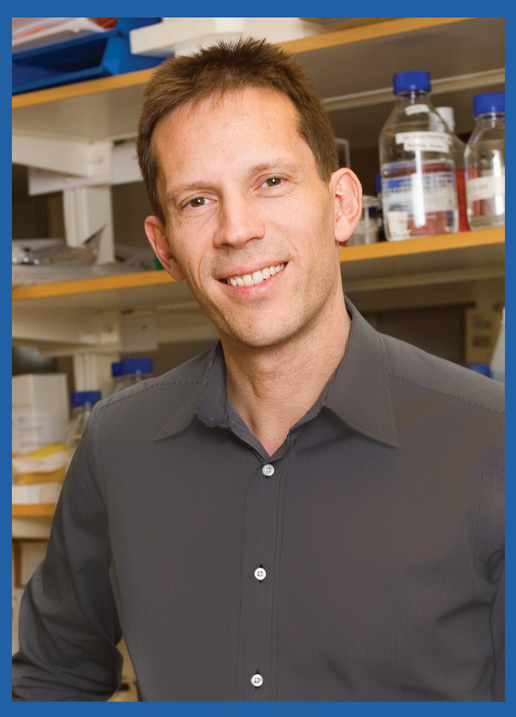
Director, Ludwig Cancer Institute, Stockholm Branch

Professor of Molecular Development Biology, Karolinska Institute


## Friday, October 14, 2011

3:15 p.m. Refreshments | 3:45 p.m. Lecture

**Caspary Auditorium**



Thomas Perlmann

Dr. Perlmann's team is interested in working out how the nervous system develops during the embryonic phase and is aiming to uncover the pivotal mechanisms governing the maturation of certain types of nerve cells. The study of the dopamine-producing cells that die during the development of Parkinson's disease is a particularly important focus. With improved knowledge, processes are revealed which not only affect the regulation of the transformation of stem cells to medically significant nerve cells, but which may also contribute to our understanding of disease.

The Nicholson Lectures Program consists of two annual faculty lectures and is part of a cooperation agreement initiated in 2010 between The Rockefeller University and the Karolinska Institute. One Nicholson Lecture will be held at each of the universities by a visiting professor. Rockefeller University's Ralph Steinman spoke at Karolinska in March.