



Universität  
Basel

## Research Project

### Centrosome regulation during the cell cycle

#### **Project funded by own resources**

**Project title** Centrosome regulation during the cell cycle

**Principal Investigator(s)** Nigg, Erich ;

**Organisation / Research unit**

Departement Biozentrum

Departement Biozentrum / Cell Biology (Nigg)

**Project Website** [www.biozentrum.unibas.ch/nigg/personal/research.html](http://www.biozentrum.unibas.ch/nigg/personal/research.html)

**Project start** 01.01.2005

**Probable end** 01.11.2017

**Status** Completed

We are studying the structure, duplication and function of the centrosome, the major microtubule organizing center of animal cells. In particular, we are interested in the regulation of PLK4 and its role in centrosome/centriole duplication as well as the function of other centrosomal proteins. We are also exploring mechanisms underlying centriole biogenesis and the formation of cilia.

Lab members involved: G. Guderian, K. Mayer, J. Westendorf (former member), T. Schmidt (MPIB), E. Nigg, EA. Nigg

**Financed by**

University funds

**Add publication**

**Add documents**

**Specify cooperation partners**