

Research Project

"In vitro" Testung des Potentials endokriner Aktivität von Druckfarbstoffen

Third-party funded project

Project title "In vitro" Testung des Potentials endokriner Aktivität von Druckfarbstoffen

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Organisation / Research unit

Departement Pharmazeutische Wissenschaften

Departement Pharmazeutische Wissenschaften / Molecular and Systems Toxicology (Odermatt)

Department

Project start 01.10.2018

Probable end 30.06.2019

Status Completed

A total of 20 food ink chemicals will be tested for potential interferences with the activities of several steroid hormone receptors, including estrogen-, androgen-, progesterone-, mineralocorticoid-, and glucocorticoid receptor. Both agonist and antagonist mode will be assessed. The compounds were selected based on in silico predictions using the Virtual Tox-Lab.

Keywords endocrine disruptors, steroid hormone, steroid receptor

Financed by

Swiss Government (Research Cooperations)

Foundations and Associations

Add publication

Add documents

Specify cooperation partners