

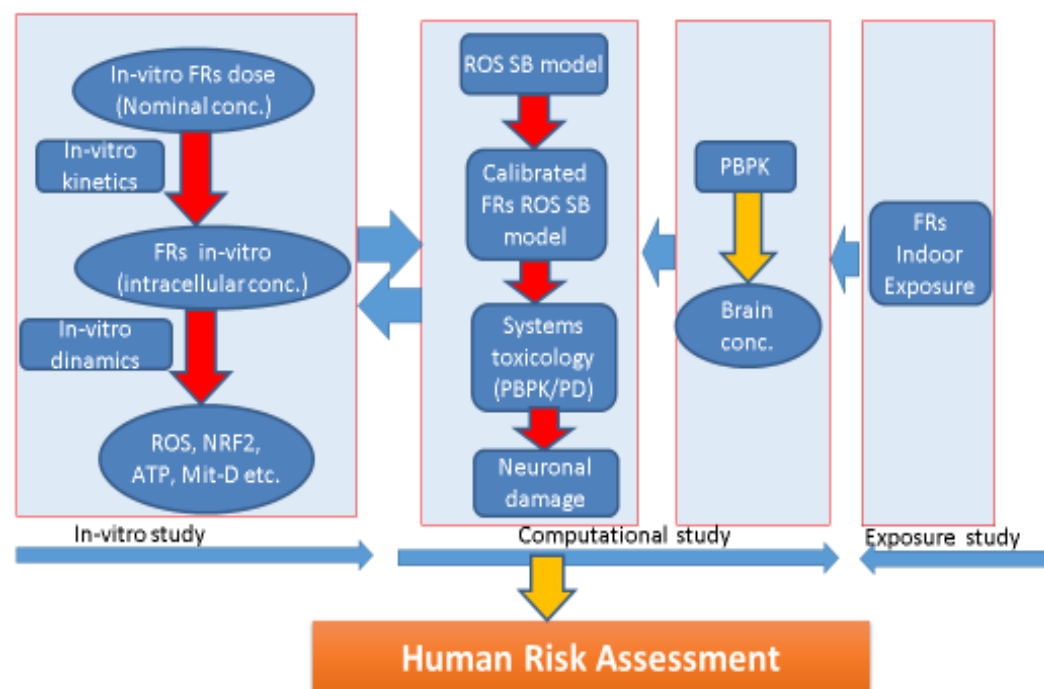
FlameRISK

Una manera de hacer Europa

Sources, exposure and health risk to legacy and emerging Flame retardants in Spanish indoor environments. An integrated health RISK approach (RTI2018-095466-B-I00)

PI: *Marta Schuhmacher*; Team members: *José L. Domingo, Vikas Kumar, Vicky Linares, Montse Bellés*

The **GENERAL OBJECTIVE** of FlameRISK is to understand how and to what extent **flame-retardants** (FRs) are released from consumer products in Spanish **indoor environments** and to assess the **human exposure** and the associated **health risks**. The project will be focused not only on restricted FRs but also on the **new emerging** such as **organophosphate flame retardants** (OPFRs). **In-silico tools** (such as PBPK/PD and QSAR) and emerging non-animal techniques (such as *in vitro*-targeted strategies and **system toxicology**) will be used to understand the **neurotoxicity** mechanisms of FRs.



Start date: 01/01/2019 - End date: 31/12/2021