

Silvyta Stuchi Maria-Engler

Dr. Silvyta Stuchi Maria-Engler, a full professor at FCF-USP, is an expert in preclinical trials with a focus on toxicology and pathophysiological mechanisms. She develops in vitro biomimetic environments as alternative testing platforms for efficacy and safety. She creates human skin models in vitro (in artificial skin and dermal equivalents systems) for molecular characterization projects of new anti-tumor drugs or topical formulations.

Dr. Maria-Engler has fostered collaborations globally, allowing doctoral and postdoctoral students from her group to work in labs in the US and Europe, promoting the recruitment and retention of South American scientists in the scientific community. She has received numerous awards, including the German Heinz Maurer Research Prize in Dermatology, the Women in Science Prize of the State of São Paulo, and the Natura Innovation Prize. She serves as a scientific advisor to cosmetic and pharmaceutical companies and is a CNPq 1C productivity fellow. She gives lectures in the country and abroad to promote the concept of "non-animal methods" and "preclinical trials: from culture plate to patient" with a focus on skin and its diseases.