

## Who we are :

AOP is a French biotech created in 2017 specialized in *in vitro* assays. We offer our solid expertise in **cellular biology, antioxidant effects and cellular redox balance** to help customers or partners to demonstrate the efficacy of ingredients, extracts or formulas. We provide an ever-expanding portfolio of reliable, standardized **cell efficacy assays** that can be deployed as **services (CRO)** or **co-development partnership**.

**Rely on us to reveal the antioxidant power of your nutraceutical, cosmetic or pharmaceutical ingredients !**



AOP (FR 47 833619596)

78, allées Jean Jaurès

BP 71028

31000 Toulouse

France

(+33) 7 77 86 48 29

(+33) 5 67 52 42 44

<https://antioxidant-power.com>

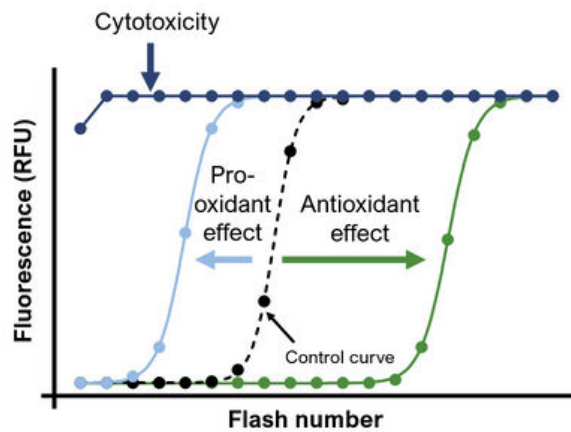
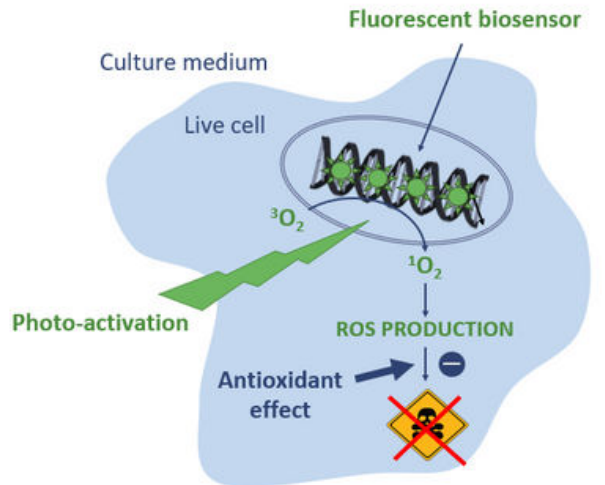
[linkedin.com/company/anti-oxidant-power](https://www.linkedin.com/company/anti-oxidant-power)

[contact@antioxidant-power.com](mailto:contact@antioxidant-power.com)

# The science of antioxidants

Live-cell efficacy tests

# The innovative AOP1 technology



- A patented live-cell assay
- Based on intracellular controlled ROS production
- Demonstration of intracellular anti/pro-oxidant effect
- Also available as a KIT for your in-house research

## Cell efficacy tests for nutra/pharma/cosmetics

- AOP1** Intracellular ROS/free radical scavenging
- AOP2** Antioxidant Response Element ARE/Nrf2 pathway induction
- AOP3** Lipid peroxidation neutralization
- AOP CAT** H2O2 neutralization or catalase-like activity
- AOP TRANS** Assessment of intestinal absorption or transepithelial transport
- AOP IMM** Investigation of anti-inflammatory effects
- AOP POL** Anti-pollution effect (urban dust)
- AOP BLUE** Anti-blue light effect
- AOP UV** Anti-UV effect

Efficacy assay done in dose-response to allow quantitative analysis

## A broad range of cellular models

