

## Bioavailability Effect

**REFERS TO THE AMOUNT OF A NUTRIENT THAT IS ACTUALLY ABSORBED BY THE BODY.**

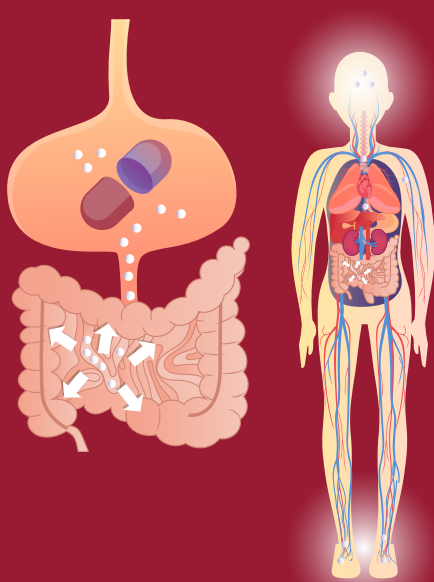
It is currently one of the most discussed topics in the field of nutrition. Because – quite clearly – a nutrient is only beneficial if our body can absorb and use it.

Demonstrating the bioavailability of MASQUELIER's® Original OPCs has been a great part of Masquellier's scientific focus.

**IT IS ESSENTIAL THAT IT IS EASILY ABSORBED AND TRANSPORTED AROUND THE ENTIRE VASCULAR SYSTEM.**

## Test

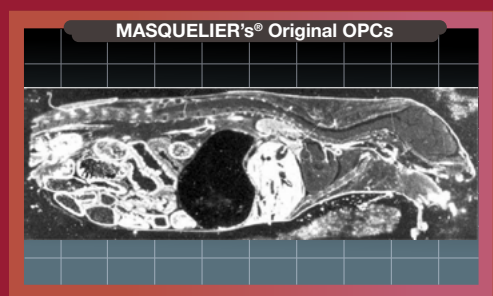
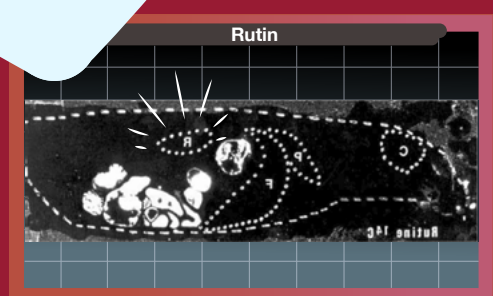
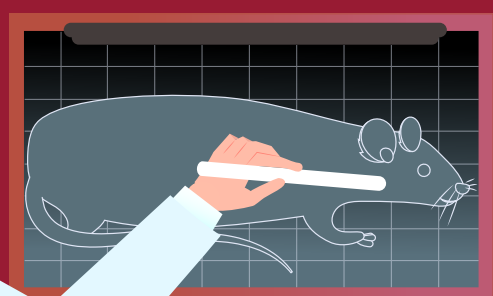
One test to prove absorption was to measure human saliva for the presence of MASQUELIER's® Original OPCs after intake. **FROM THE INTESTINES THE MASQUELIER's® ORIGINAL OPCs WAS ABSORBED AND TRANSPORTED BY THE VASCULAR SYSTEM** back to the mouth and into the saliva in only 15 minutes.



## Test on mice

Another way to demonstrate bioavailability is by a test in which a mouse was given a bioflavanoid called Rutin, that is known to have low bioavailability. The test was prepared in such a way that the Rutin would show up on an x-ray. Only the intestines show up on the x-ray. This demonstrates that the Rutin remains in the intestinal tract and is not absorbed. It is needed to draw the mouse's body to see the whole mouse.

**IN A PICTURE OF A MOUSE THAT WAS GIVEN MASQUELIER's® ORIGINAL OPCs, IT IS VERY EASY TO SEE THAT IT IS ABSORBED AND TRANSPORTED THROUGHOUT THE BODY. IN FACT, THE ENTIRE CONTOURS OF THE MOUSE ARE VISIBLE, WITHOUT HAVING TO BE DRAWN.**



## Trials

The ultimate proof of bioavailability is to show significant health effects in human clinical research. **DOZENS OF TRIALS HAVE PROVED THIS BIOAVAILABILITY AND THE CONSEQUENT, BENEFICIAL HEALTH EFFECTS.** New trials are ongoing.

## Real proof

The people who use the original ingredients on a daily basis so often tell that the wellbeing delivered by them can be felt throughout your body. That's bioavailability at work.