



Naturally Occurring Ingredients as Potential Antiaging Cosmetics

Monique N. SANTANA, Gustavo M.C. OLIVEIRA,
Valquíria M.H. YOSHIDA, Maricene SABHA & Yoko OSHIMA-FRANCO *

University of Sorocaba, Rodovia Raposo Tavares km 92.5,
18023-000 Sorocaba/SP, Brazil

SUMMARY. The criteria adopted for establishing whether a determined substance has potential as a cosmetic constituent are based on the present legislation of each country. In this study, natural antiaging constituents as *Fomes officinalis*, rice protein and glutamic acid were pharmacologically evaluated using neuromuscular preparation. These constituents induced a neuromuscular blockade, individually and also in mixture, simulating a Botox®, but not, dimethylaminoethanol-effect. The pharmacological knowledge is beneficial since the real effect of each ingredient becomes apparent, increasing the consumer's confidence on the antiaging cosmetic.

KEY WORDS: *Fomes officinalis*, Glutamic acid, Neuromuscular preparation, Rice protein.

* Author to whom correspondence should be addressed. E-mail: yoko.franco@prof.uniso.br