

## Exotic orchid flavanoids as anti-aging potential

K Shyam Sundar, Rajarajeshwari N, Namita NaikKhanvte, Sneha Keerthi and Harish Kumar DH

Visveswarapura Institute of Pharmaceutical Sciences, India

Orchids are ornamental elite because of their perplexingly complex flowers of exquisite beauty. Apart from ornamental value, orchids are of immense medicinal importance. They are traditionally used in many parts of the globe for its antioxidant, antimicrobial, anti-inflammatory activity and are considered as Panacea for various ailments. The objective of the present study is to formulate and evaluate anti-aging cream containing alcoholic extract of the flowers of exotic blooming orchid "*Rhyncostylis Retusa*" also known as "*Foxtail Orchid*" belonging to family Orchidaceae. It is found in semi-deciduous and deciduous dry lowland forest at elevations of sea level to 700m and rich in flavanoids. The prototype cream base was formulated using excipients like emulsifying agents, humectants, stiffening agent, preservatives and finally alcoholic flower extract was incorporated. Quality assessment of the anti-aging cream was carried out by performing various tests like appearance, pH, viscosity and anti-aging activity. The cream formulation satisfied the desired physicochemical properties possessing a good anti-aging activity. Thus, anti-aging cream containing flavanoids was successfully formulated and evaluated thereby proving its cosmeceutical potential.

### Biography

K Shyam Sundar is working as research associate under the guidance of Dr. Rajarajeshwari N at Visveswarapura Institute of Pharmaceutical Sciences, Rajiv Gandhi University of Health Science's. The research is sponsored by ICMR, Research Project No: 21/17/09/HSR.

[sunsshyy@gmail.com](mailto:sunsshyy@gmail.com)