

Natural Polyphenol-Containing Gels against HSV-1 Infection: A Comparative Study

Mariaconcetta Sicurella ¹, Maddalena Sguizzato ¹, Paolo Mariani ², Alessia Pepe ², Anna Baldisserotto ³, Raissa Buzzi ³, Nicolas Huang ⁴, Fanny Simelière ⁴, Sam Burholt ⁵, Peggy Marconi ^{1,*} and Elisabetta Esposito ^{1,*}

¹ Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, I-44121 Ferrara, Italy; scrmcn@unife.it (M.S.); sgzmdl@unife.it (M.S.)

² Department of Life and Environmental Sciences, Università Politecnica delle Marche, I-60131 Ancona, Italy; p.mariani@staff.univpm.it (P.M.); a.pepe@pm.univpm.it (A.P.)

³ Department of Life Sciences and Biotechnology, University of Ferrara, I-44121 Ferrara, Italy; anna.baldisserotto@unife.it (A.B.); raissa.buzzi@unife.it (R.B.)

⁴ CNRS, Institut Galien Paris-Saclay, Université Paris-Saclay, 92296 Châtenay-Malabry, France; nicolas.huang@universite-paris-saclay.fr (N.H.); fanny.simeliere@universite-paris-saclay.fr (F.S.)

⁵ Diamond Light Source Ltd., Harwell Science and Innovation Campus, Didcot OX11 0DE, Oxfordshire, UK; sam.burholt@diamond.ac.uk

* Correspondence: mcy@unife.it (P.M.); ese@unife.it (E.E.); Tel.: +39-0532-455230 (E.E.)

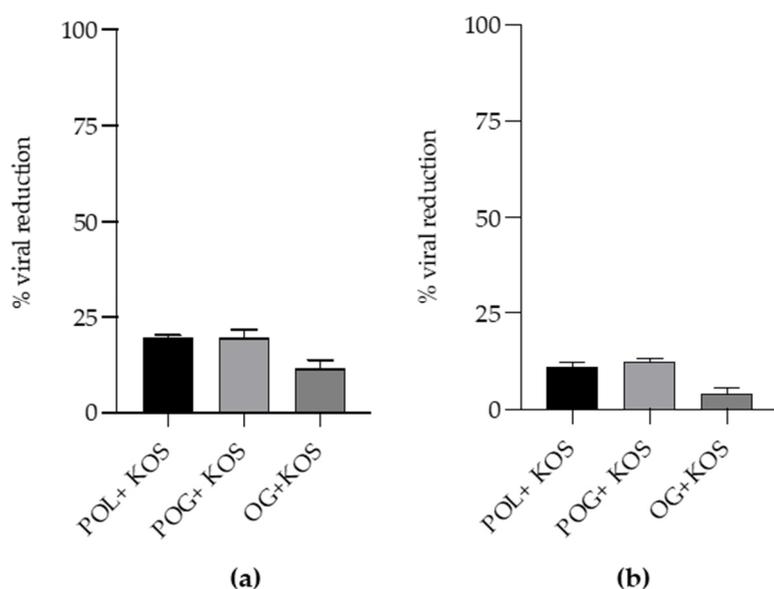


Figure S1. Virucidal activity of unloaded gels against HSV-1 strain KOS at 35 °C, expressed as percentage of viral reduction measured after 1 h (a) and 6 h (b) of direct contact.