Will children reveal their secret? The coronavirus dilemma

Luca Cristiani¹, Enrica Mancino¹, Luigi Matera¹, Raffaella Nenna °¹, Alessandra Pierangeli², Carolina Scagnolari °² and Fabio Midulla¹

Affiliations: ¹Dept of Maternal Science, Sapienza University of Rome, Rome, Italy. ²Laboratory of Virology, Dept of Molecular Medicine, affiliated to Istituto Pasteur Italia – Cenci Bolognetti Foundation, Sapienza University, Rome, Italy.

Correspondence: Fabio Midulla, University of Rome – Cystic fibrosis, V.le Regina Elena, 324 Rome 00161, Italy. E-mail: lcristiani1989@gmail.com

@ERSpublications

Epidemiological evidence shows that SARS-CoV-2 infection in children is less frequent and severe than adults. Age-related ACE2 receptor expression, lymphocyte count and trained immunity might be the keystone to reveal children’s secret. https://bit.ly/2QWpWxK

Cite this article as: Cristiani L, Mancino E, Matera L, et al. Will children reveal their secret? The coronavirus dilemma. Eur Respir J 2020; 55: 2000749 [https://doi.org/10.1183/13993003.00749-2020].

This single-page version can be shared freely online.

On 11 March, 2020, a novel human coronavirus, named severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) became pandemic [1]. By 24 March, 372757 SARS-CoV-2 confirmed cases and 16231 related deaths have been reported worldwide [2]. In Italy, 62844 cases and 5542 deaths have been reported, mostly in northern regions. Detailed data are updated by the Italian National Institute of Health [3].