

DECLARATION OF CONTRIBUTIONS TO ARTICLE



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Proposed Title of the Contribution:

Inhibition of HECT E3 ligases as potential therapy for COVID-19

(the 'Contribution')

Author(s):

Giuseppe Novelli, Jing Liu, Michela Biancolella, Tonino Alonzi, Antonio Novelli, J.J. Patten, Dario

(the 'Authors')

For all *CDDis* articles, each person named as an author in the published version must be able to show he or she has contributed substantially to the article.

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Any person who cannot be shown to have made a substantial contribution to the article cannot be listed as an author in the final version. The name of any person who is deemed to have made a minor contribution can, however, appear in the Acknowledgments section of the article.

Please complete the table below to indicate the contributions of all named authors to the manuscript.

Author Full Name:	Specification of Contribution to the Manuscript:
G. Novelli; P. P. Pandolfi	Wrote the draft of the paper in particular genetics section, and
J. Liu; W. Wei	Description of the functional studies using HECT proteins
J- L.Casanova; L. Abel; A.Cobat	Wrote the section of the analysis and interpretation of genetic data
J.J.Grzymiski; G.Elhanan	Genetic Analysis and interpretation of genetic data
M. Biancolella; B. Rizzacasa; S. Grelli	Performed RNA expression analysis and statistical tests and described the specific section
T. Alonzi; M.R. Capobianchi; D. Goletti; J.J. Patten; R.A. Davey	Provided in vivo SARS-CoV-2 assays and inhibition tests
K.Cheng; J.Mann; T. D. McKee; F. Krammer; F.Amanat	Performed histological analysis in human lung tissue and in
G. Pepe; A. Guarracino	In silico analysis of structural proteins
H.C. Su; L.D. Notarangelo	Genetic data Analysis; Review of the draft
Y.T.Lambiotte; Y. Uzunhan; S. Tubiana; J.Ghosn	Provided clinical data
A. Novelli; D.Cocciadiferro; E. Agolini; B. Bigio; V.L.Colona; R.Giannini; A. Latini	WES Analysis, genetic study and clinical correlation
C. Tomino; S. Jain; S.Sidhu	I3C chemical study, biochemical analysis

Please complete the table below to indicate the contributions of all named authors to the figures.

Figure 1:

Wenyi Wei; Jing Liu

Figure 2:

Michela Biancolella; Barbara Rizzacasa; Sandro Grelli

Figure 3:

Justin Mann, Trevor D. McKee, Ke Cheng

Figure 4:

Andrea Guarracino, Gerardo Pepe


Figure 5:

Wenyi Wei; Jing Liu; Pier Paolo Pandolfi

Figure 6:

Delia Goletti, Maria Rosaria Capobianchi; Tonino Alonzi

Signed for and on behalf of the Author(s):



Print Name:

Giuseppe Novelli

Date:

February, 5, 2021