

**Name of Journal:** *World Journal of Gastroenterology*

**ESPS Manuscript NO:** 28247

**Title:** Ex vivo response to mucosal bacteria and muramyl dipeptide in inflammatory bowel disease.

**Authors List:** Claudia Loganes, Erica Valencic, Alessia Pin, Elisa Marini, Stefano Martellosi, Samuele Naviglio, Luigina De Leo, Tarcisio Not, Lorenzo Monasta, Alberto Tommasini, Annalisa Marcuzzi

**Institutional animal care and use committee statement.**

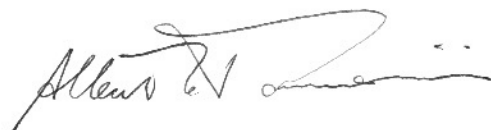
No animals were used in this study.

**Alberto Tommasini**

*Institute for Maternal and Child Health*

*IRCCS "Burlo Garofolo"*

*I-34137 Trieste, Italy*

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**Data sharing statement:**

Dataset available from the corresponding author at [alberto.tommasini@burlo.trieste.it](mailto:alberto.tommasini@burlo.trieste.it)

Participants involved in the study were asked to give their informed consent by signing precompiled forms as approved by the Independent Ethical Committee of the Institute for Maternal and Child Health – IRCCS “Burlo Garofolo”. All the signed consent forms are stored at the laboratory of Immunopathology of the Institute for five years. According to the Italian Law for the protection of privacy, sensitive data cannot be provided to anyone outside our Institute. A blank copy of the informed consent is provided as attachment.

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**Conflict-of-interest statement:**

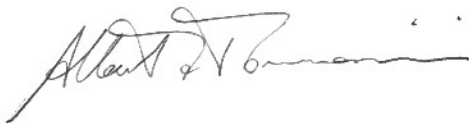
All the authors declare no conflict of interest.

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**Biostatistics statement.**

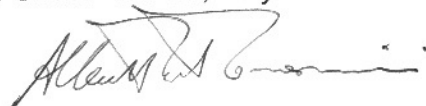
The statistical methods of this study were reviewed by Lorenzo Monasta, DSc MSc, senior statistician and epidemiologist at the 'Clinical Epidemiology and Public Health Research Unit' of the Institute for Maternal and Child Health – IRCCS 'Burlo Garofolo', Trieste, Italy. Statistical analyses were carefully selected and appropriately conducted, using Stata/IC 14.1 (StataCorp LP, College Station, USA) and GraphPad Prism software version 5 (GraphPad, San Diego, USA).

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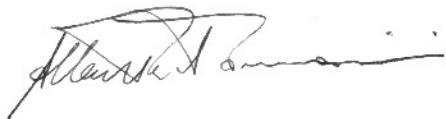
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**Institutional review board statement:**

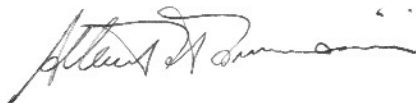
The study was reviewed and approved by the Institutional Review Board of the Institute for Maternal and Child Health, IRCCS 'Burlo Garofolo', Trieste, Italy (RC 03/2009).

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