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

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Data sharing statement:

Dataset available from the corresponding author at 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.