

**DIPARTIMENTO DELL'EMERGENZA
E DEI TRAPIANTI DI ORGANI (D.E.T.O.)**

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Biostatistics Review Certificate

To Whom It May Concern:

This is to certify that the statistical review of the study "*Chronic functional constipation is strongly linked to vitamin D deficiency*" by Panarese A et al. submitted to World Journal of Gastroenterology as Manuscript NO: 46080, has been performed by myself as biomedical statistician.

Sincerely,

- Francesco Pesce



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