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School of Pharmacy  
Pharmacology



UNIVERSITY  
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FINLAND

Editor  
World Journal of Gastroenterology

I have read the manuscript entitled  
*"Gene mutations in stool from gastric and colorectal  
neoplasia patients by next generation sequencing"*

by

Omar Youssef, Virinder Sarhadi, Homa Ehsan, Tom Böhling,  
Monika Carpelan-Holmström, Selja Koskensalo, Pauli  
Puolakkainen, Arto Kokkola, Sakari Knuutila

I have made some proposals to improve the style and  
grammar and I have corrected the few typing errors that I  
found.

In my opinion, the article in its corrected form is written in  
clear and easily comprehensible English.

Before my retirement three years ago, I had published over  
100 research articles, reviews, book chapters etc. In addition,  
I have provided countless colleagues with linguistic advice  
on scientific English since I am a native English speaker with  
a degree in pharmacy from the University of Strathclyde,  
Glasgow, Scotland.

Kuopio, 29<sup>th</sup> October 2017

A handwritten signature in blue ink, appearing to read "Ewen MacDonald".

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