Review Reminder - 19-0288 (Mediterranean Journal of Nutrition and Metabolism)

Dari: m.a.battino@univpm.it

Kepada: kgs.ahmadi@yahoo.com

Tanggal: Sabtu, 26 Januari 2019 pukul 22.45 WIB

Dear Dr. Ahmadi,

Recently I invited you to review manuscript 19-0288, entitled "Beneficial Effects of High-fiber Diet on the Expression and Level of Intercellular Adhesion Molecule-1 of Hypercholesterolemia Rats."

I have yet to hear from you and would appreciate your response.

A link to accept or decline the manuscript, as well as links to obtain the manuscript and submit your review appear near the bottom of this message.

Thank you for your time.

Sincerely,

Maurizio Battino
Mediterranean Journal of Nutrition and Metabolism

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To obtain the manuscript, please visit:
https://msTracker.com/MSS/mnm/123401-19-0288.docx

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ABSTRACT:

BACKGROUND AND OBJECTIVES: Hypercholesterolemia triggered by high-fat and high-fructose diets increases Reactive Oxygen Species production, causing oxidative stress and increasing the expression of Intercellular Adhesion Molecule-1 (ICAM-1) in endothelial cells as a form of inflammatory response. High-fiber diet could restrict lipolysis in adipose tissue, decreasing the secretion of pro-inflammatory cytokines while indirectly decreasing the expression of ICAM-1.
METHODS: The research analyzed beneficial effects of high-fiber diet divided into five groups: normal (N); hypercholesterolemia (HC); HC+1.04 g fiber/rat/day (HFD1); HC+2.07 g fiber/rat/day (HFD2) and HC+3.11 g fiber/rat/day (HFD3) for 6-weeks intervention on the level and expression of ICAM-1 in rats induced by high-fat and high-fructose diets. RESULTS: The level of ICAM-1 in rat plasma decreased ($p<0.05$) more than the hypercholesterolemia group without fiber administration. Furthermore, administration of high-fiber diet also decreased the expression of ICAM-1 more than the normal and hypercholesterolemia groups (except the expression of ICAM-1 in the HFD1 group was higher than the normal group). The decreased tissue expression of ICAM-1 was not correlated with the decreased plasma level of ICAM-1.

CONCLUSIONS: The high-fiber diet administration was able to decrease expression and level of ICAM-1 in hypercholesterolemia rats induced by high-fat and high-fructose diets.

Key words: ICAM-1, hypercholesterolemia, High-fiber diet, nutritional benefits

Review of Manuscript 19-0288 (Mediterranean Journal of Nutrition and Metabolism)

Dari: m.a.battino@univpm.it

Kepada: kgs.ahmadi@yahoo.com

Tanggal: Selasa, 5 Februari 2019 pukul 22.45 WIB

Dear Dr. Ahmadi,

A decision has been reached regarding manuscript 19-0288, entitled "Beneficial Effects of High-fiber Diet on the Expression and Level of Intercellular Adhesion Molecule-1 of Hypercholesterolemia Rats."

The authors have been notified that the paper may be suitable for publication if certain revisions are made. Please visit the Web address below to view the decision letter sent to the authors. Doing so also serves to confirm receipt of this message.

I appreciate your contribution to the peer review process, and look forward to viewing the products of your scholarship in the future.

Sincerely,

Maurizio Battino
Mediterranean Journal of Nutrition and Metabolism

To view the reviews and decision letter, please visit:
https://msTracker.com/reviews.php?id=123401&rid=178388

Mediterranean Journal of Nutrition and Metabolism

Reviews of 19-0288

"Beneficial Effects of High-fiber Diet on the Expression and Level of Intercellular Adhesion Molecule-1 of Hypercholesterolemia Rats"

Decision Letter

Please find below a link to the decision and reviewers' comments regarding your submission to Mediterranean Journal of Nutrition and Metabolism. Major revision is required and your manuscript will be re-reviewed.
Check also the file uploaded by one of the reviewer.

Please revise your manuscript according to the reviewers' suggestions and provide a point-by-point response to the reviews.

Your revised manuscript should be submitted to our online submission system (https://mstracker.com/submit1.php). Be sure the manuscript is formatted per our instructions to authors. When resubmitting please mention the reference number in the cover letter.

Sincerely,

Maurizio Battino
Mediterranean Journal of Nutrition and Metabolism

Reviewer 1

Ancillary file: view

Reviewer 2

ICAM-1 allows leukocyte transmigration and so increases inflammation. Decreased ICAM-1 should then be associated with decreased inflammation. Did the rats show decreased infiltration of inflammatory cells into key organs such as the heart and liver with increasing fiber dosage compared to the hypercholesterolemic rats?

The Results section of the Abstract is difficult to comprehend, so please write it more clearly.

Lines 83 and 84: Please provide details of components of diet, especially fibre and saturated fat.

How were doses of fiber chosen? Did the addition of fiber change daily food intake? What is the calculated dose in humans for this fiber intake based on Reagan-Shaw formulae?

Review of Manuscript 19-0288-R (Mediterranean Journal of Nutrition and Metabolism)

Dari: m.a.battino@univpm.it

Kepada: kgs.ahmadi@yahoo.com

Tanggal: Senin, 11 Februari 2019 pukul 18.53 WIB

Dear Dr. Ahmadi,

The authors have been notified that a decision has been reached regarding manuscript 19-0288-R, entitled "Beneficial Effects of High-fiber Diet on the Expression and Level of Intercellular Adhesion Molecule-1 of Hypercholesterolemia Rats."

Although the decision was reached in the absence of your review, I appreciate your willingness to participate in the peer review process and look forward to viewing the products of your scholarship in the future.

Sincerely,

Maurizio Battino
Mediterranean Journal of Nutrition and Metabolism

Review Request 19-0288 (Mediterranean Journal of Nutrition and Metabolism)

Dari: m.a.battino@univpm.it

Kepada: kgs.ahmadi@yahoo.com

Tanggal: Kamis, 10 Januari 2019 pukul 14.37 WIB

2019-01-09

Dear Dr. Ahmadi,

A manuscript was recently submitted to me with the title of "Beneficial Effects of High-fiber Diet on the Expression and Level of Intercellular Adhesion Molecule-1 of Hypercholesterolemia Rats." It has been given tracking number 19-0288.

If interested and available, would you be so kind as to provide a timely review of this manuscript? If so, I ask that it be returned within 30 days. Please indicate your willingness to do so by following the appropriate link at the bottom of this message.

Thank you for your time.

Sincerely,

Maurizio Battino
Mediterranean Journal of Nutrition and Metabolism

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Key words: ICAM-1, hypercholesterolemia, High-fiber diet, nutritional benefits

Mediterranean Journal of Nutrition and Metabolism

COUNTRY

Netherlands

Universities and research institutions in Netherlands

Media Ranking in Netherlands

SUBJECT AREA AND CATEGORY

Agricultural and Biological Sciences
- Food Science

Medicine
- Endocrinology, Diabetes and Metabolism

Nursing
- Nutrition and Dietetics

PUBLISHER

IOS Press BV

H-INDEX

22

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Journals

ISSN

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COVERAGE

2008-2022

INFORMATION

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SCOPE

The Mediterranean Journal of Nutrition and Metabolism publishes original scientific papers on metabolism, including diabesity and eating disorders; nutrition (epidemiological, basic, clinical and artificial); dietary and nutritional practices and management and their impact on health from prevention to treatment. The journal hosts the proceedings of relevant congresses and presents shorter notices focused on the original character of the Mediterranean nutritional civilisation. In addition, this journal is intended as a platform for scientific debate and knowledge-sharing among students and clinical practitioners, and between them and the broader scientific community, and finally as a tool for promoting and enhancing scientific cooperation.

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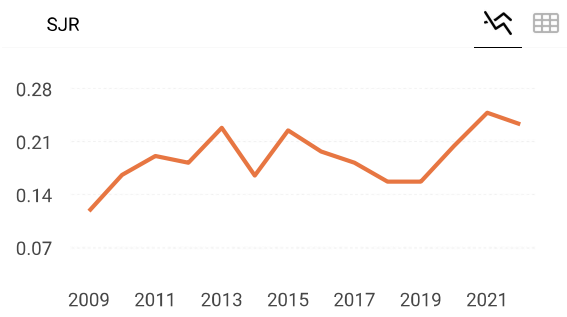

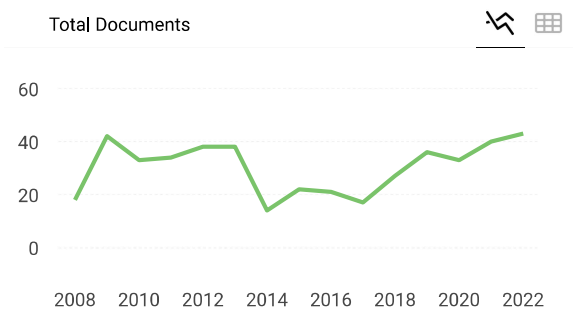

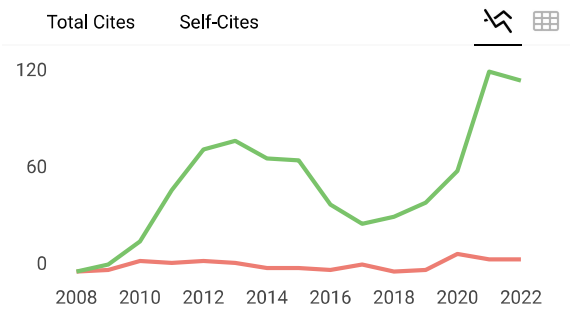

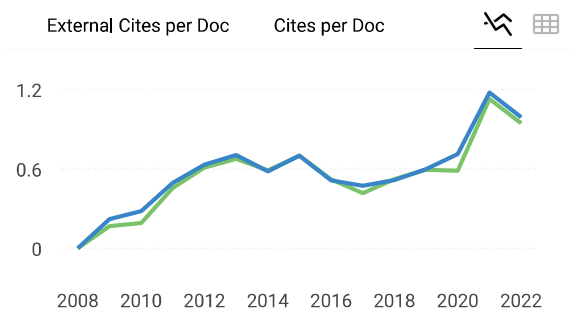

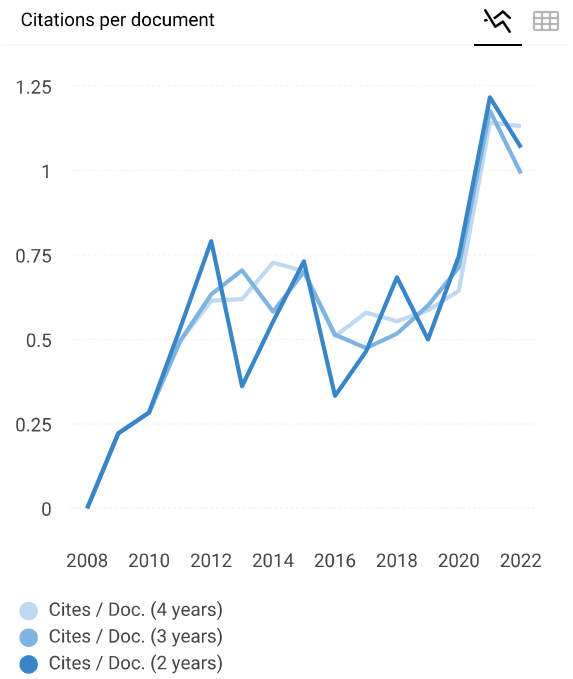

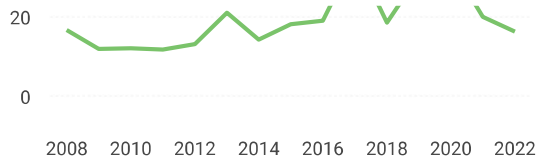

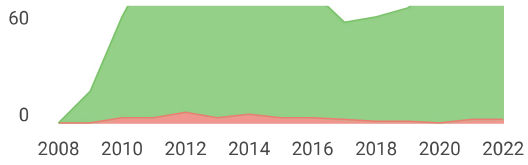

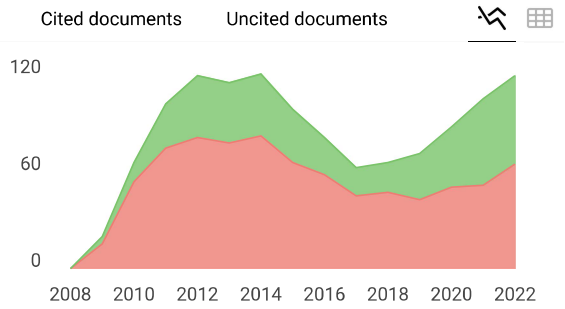

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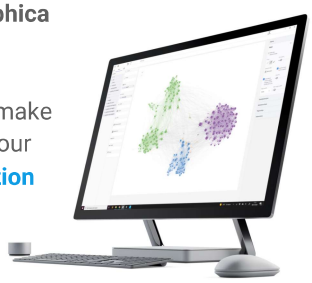

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