Accepted Manuscript

Epigenetics and neurodegeneration: Role of early-life nutrition

Rosita Gabbianelli, Elisabetta Damiani

PII: S0955-2863(17)30937-3

DOI: https://doi.org/10.1016/j.jnutbio.2018.01.014

Reference: JNB 7917

To appear in:

Received date: 24 October 2017 Revised date: 15 January 2018 Accepted date: 24 January 2018

Please cite this article as: Rosita Gabbianelli, Elisabetta Damiani, Epigenetics and neurodegeneration: Role of early-life nutrition. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jnb(2017), https://doi.org/10.1016/j.jnutbio.2018.01.014

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Epigenetics and neurodegeneration: role of early-life nutrition

Rosita Gabbianelli^a* and Elisabetta Damiani^b

^aSchool of Pharmacy, University of Camerino, Italy

^bDepartment of Life and Environmental Sciences, Polytechnic University of the Marche,

Ancona, Italy

*Corresponding Author:
Gabbianelli Rosita
School of Pharmacy, University of Camerino
Via Gentile III da Varano
62032 Camerino (MC)
Italy
Email: rosita.gabbianelli@unicam.it

Tel + 39 0737 403208 Fax +39 0737 403290

Index

Abstract

- 1. Introduction
- 2. C1 metabolism, DNA methylation and early-life programming of adult health
- 3. Risk factors associated with neurodevelopment and neurodegeneration
- 4. Strategies for prevention: Maternal diet during pregnancy
- 5. Strategies for prevention: Folate intake and microbiota during pregnancy
- 6. Strategies for prevention: Postnatal nutrition on differences between breast-fed and formula-fed
- 7. Strategies for prevention: what can be done in adult age?
- 8. Conclusion
- 9. References
- 10. Glossary of terms

Abstract

Neurodegeneration represents a global problem due to the progressive increase in the aging population all over the world. The quality of life in aging and the cost for the health care system requires actions to promote healthy aging. In this regard, several risk factors associated with the development of neurodegeneration can be identified and programs to educate people on the key role of prevention could significantly ameliorate the future picture of the aging population. Here we

Download English Version:

https://daneshyari.com/en/article/8336316

Download Persian Version:

https://daneshyari.com/article/8336316

<u>Daneshyari.com</u>