

Accepted Manuscript

Title: Early exposure to ethanol is able to affect the memory of adult zebrafish: possible role of adenosine

Authors: Aline Haab Lutte, Júlia Hupples Majolo, Luiza Reali Nazario, Rosane Souza Da Silva



PII: S0161-813X(18)30344-9
DOI: <https://doi.org/10.1016/j.neuro.2018.08.012>
Reference: NEUTOX 2391

To appear in: *NEUTOX*

Received date: 19-9-2017
Revised date: 20-7-2018
Accepted date: 24-8-2018

Please cite this article as: Haab Lutte A, Hupples Majolo J, Reali Nazario L, Da Silva RS, Early exposure to ethanol is able to affect the memory of adult zebrafish: possible role of adenosine, *Neurotoxicology* (2018), <https://doi.org/10.1016/j.neuro.2018.08.012>

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.

Early exposure to ethanol is able to affect the memory of adult zebrafish: possible role of adenosine

Aline Haab Lutte, Júlia Hupples Majolo, Luiza Reali Nazario, Rosane Souza Da Silva*

Laboratório de Neuroquímica e Psicofarmacologia, Escola de Ciências, Pontifícia Universidade Católica do Rio Grande do Sul, Porto Alegre, RS, Brazil

***Corresponding author:**

Rosane Souza Da Silva

Escola de Ciências, PUCRS

Avenida Ipiranga, 6681, 90619-900

Porto Alegre, RS, Brazil

Phone/ Fax: + 55 51 3320 3500 Ext. 4158/+ 55 51 3320 3612

E-mail: rosane.silva@pucrs.br

Highlights

- Ethanol exposure during early development impairs mnemonics parameters.
- Memory impairment by ethanol is reverted by ecto-5'-nucleotidase inhibition.
- Adenosine metabolism seems a target of early ethanol exposure

Download English Version:

<https://daneshyari.com/en/article/8956577>

Download Persian Version:

<https://daneshyari.com/article/8956577>

[Daneshyari.com](https://daneshyari.com)