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Effects of Omega-3 Fatty Acids on Stereotypical Behavior and Social Interactions in Wistar Rats Prenatally Exposed to Lipopolysaccarides

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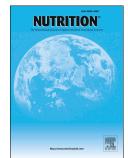
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ACCEPTED MANUSCRIPT **EFFECTS OF OMEGA-3 FATTY ACIDS ON STEREOTYPICAL BEHAVIOR** 1 2 AND SOCIAL INTERACTIONS IN WISTAR RATS PRENATALLY EXPOSED 3 **TO LIPOPOLYSACCARIDES** 4 **Running title:** Omega-3 and lipopolysaccarides 5 6 Jucélia Jeremias Fortunato^{a,b}*, Naiana da Rosa^a, Ana Olívia Martins Laurentino^a, 7 Marina Goulart^a, Camila Michalak^a, Lidiane Pinto Borges^a, Evandro da Cruz Cittadin 8 Soares^a, Patricia Alves Reis^c, Hugo Caire de Castro Faria Neto^c, Fabrícia Petronilho^a 9 10 ^a Neurobiology Laboratory of Inflammatory and Metabolic Processes (NeuroIMet). 11 Postgraduate Program in Health Sciences, University of Southern Santa Catarina. 12 Tubarão, Santa Catarina, Brazil. Cep 88704-900. 13 ^b Clinical Research Center, Nossa Senhora da Conceição Hospital and the University of 14 Southern Santa Catarina. Tubarão, Santa Catarina, Brazil. Cep 88701-160. 15 ^c Immunopharmacology Laboratory. Instituto Oswaldo Cruz / IOC / FIOCRUZ -16 Manguinhos - Rio de Janeiro - Brazil. Cep: 21040-360. 17 18 19 *Correspondence to: Postgraduate Program in Health Sciences, Universidade do Sul de 20 Santa Catarina. Tubarão, Santa Catarina, Brazil. Cep 88704-900. Fax: # 55 48 3621 21 3363. E-mail: jucelia.fortunato@unisul.br 22

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