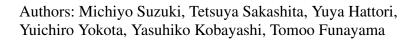
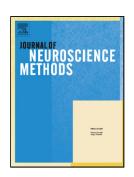
Accepted Manuscript

Title: Development of ultra-thin chips for immobilization of *Caenorhabditis elegans* in microfluidic channels during irradiation and selection of buffer solution to prevent dehydration





PII:	S0165-0270(18)30163-8
DOI:	https://doi.org/10.1016/j.jneumeth.2018.05.025
Reference:	NSM 8021
To appear in:	Journal of Neuroscience Methods
Received date:	2-5-2018
Accepted date:	30-5-2018

Please cite this article as: Suzuki M, Sakashita T, Hattori Y, Yokota Y, Kobayashi Y, Funayama T, Development of ultra-thin chips for immobilization of *Caenorhabditis elegans* in microfluidic channels during irradiation and selection of buffer solution to prevent dehydration, *Journal of Neuroscience Methods* (2018), https://doi.org/10.1016/j.jneumeth.2018.05.025

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

Short Communication for Journal of Neuroscience Methods

Development of ultra-thin chips for immobilization of *Caenorhabditis elegans* in microfluidic channels during irradiation and selection of buffer solution to prevent dehydration

Michiyo Suzuki^{a,*}, Tetsuya Sakashita^a, Yuya Hattori^{a,b}, Yuichiro Yokota^a, Yasuhiko Kobayashi^a and Tomoo Funayama^a

^a Department of Radiation-Applied Biology Research, Takasaki Advanced Radiation Research Institute, National Institutes for Quantum and Radiological Science and Technology (QST-Takasaki), 1233 Watanuki, Takasaki, Gunma 370-1292, Japan

^b Present address: Department of Systems and Control Engineering, School of Engineering, Tokyo Institute of Technology, 2-12-1 Ookayama, Meguro-ku, Tokyo 152-8550, Japan

*Corresponding author should be addressed: Department of Radiation-Applied Biology Research, QST-Takasaki, 1233 Watanuki, Takasaki, Gunma 370-1292, Japan. Phone: +81-(0)27-346-9114; Fax: +81-(0)27-346-9353; E-mail: suzuki.michiyo@qst.go.jp Download English Version:

https://daneshyari.com/en/article/8840261

Download Persian Version:

https://daneshyari.com/article/8840261

Daneshyari.com