



Commercialization of novel soft neural interfaces

Results

Project Information

E-DURA

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Project closed

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EU contribution

€ 149 994,00

Coordinated by

ECOLE POLYTECHNIQUE
FEDERALE DE LAUSANNE

Switzerland

CORDIS provides links to public deliverables and publications of HORIZON projects.

Links to deliverables and publications from FP7 projects, as well as links to some specific result types such as dataset and software, are dynamically retrieved from [OpenAIRE](#) .

Publications

Peer reviewed articles (4)

[Soft, Implantable Bioelectronic Interfaces for Translational Research](#)

Author(s): Giuseppe Schiavone, Florian Fallegger, Xiaoyang Kang, Beatrice Barra, Nicolas Vachicouras, Evgenia Roussinova, Ivan Furfaro, Sébastien Jiguët, Ismael Seáñez, Simon Borgognon, Andreas Rowald, Qin Li, Chuan Qin, Erwan Bézard, Jocelyne Bloch, Grégoire Courtine, Marco Capogrosso, Stéphanie P. Lacour

Published in: Advanced Materials, 2020, Page(s) 1906512, ISSN 0935-9648

Publisher: United Nations Industrial Development Organization

DOI: 10.1002/adma.201906512

[Auditory Brainstem Implants: Recent Progress and Future Perspectives](#)

Author(s): Kevin Wong, Elliott D. Kozin, Vivek V. Kanumuri, Nicolas Vachicouras, Jonathan Miller, Stéphanie Lacour, M. Christian Brown, Daniel J. Lee

Published in: Frontiers in Neuroscience, Issue 13, 2019, ISSN 1662-453X

Publisher: Frontiers Media

DOI: 10.3389/fnins.2019.00010

[Microstructured thin-film electrode technology enables proof of concept of scalable, soft auditory brainstem implants](#)

Author(s): Nicolas Vachicouras, Osama Tarabichi, Vivek V. Kanumuri, Christina M. Tringides, Jennifer Macron, Florian Fallegger, Yohann Thenaisie, Lorenz Epprecht, Stephen McInturff, Ahad A. Qureshi, Valentina Paggi, Martin W. Kuklinski, M. Christian Brown, Daniel J. Lee, Stéphanie P. Lacour

Published in: Science Translational Medicine, Issue 11/514, 2019, Page(s) eaax9487, ISSN 1946-6234

Publisher: American Association for the Advancement of Science

DOI: 10.1126/scitranslmed.aax9487

[Three-Dimensional Surface Reconstruction of the Human Cochlear Nucleus: Implications for Auditory Brain Stem Implant Design](#)

Author(s): Osama Tarabichi, Vivek V. Kanumuri, Julian Klug, Nicolas Vachicouras, Maria J. Duarte, Lorenz Epprecht, Elliott D. Kozin, Katherine Reinshagen, Stéphanie P. Lacour, M Christian Brown, Daniel J. Lee

Published in: Journal of Neurological Surgery Part B: Skull Base, Issue 81/02, 2020, Page(s) 114-120, ISSN 2193-6331

Publisher: Thieme medical Publishers

DOI: 10.1055/s-0039-1677863

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