

2021 Biomedical Engineering Publications, Conferences and Book Chapters

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- Bzdok D.**, “Introduction to the Python data ecosystem”, *Biostatistics Workshop / Atelier biostatistique*, *Statistical Society of Canada*, virtual, June 2021.
- Bzdok D.**, “Machine learning versus statistics in brain parcellation”, *Proceedings of the 27th Annual Meeting of the Organization for Human Brain Mapping (HBM'20)*, virtual, June 2021.
- Bzdok D.**, “Workshop on machine learning workflows”, *Brainhack Montreal 2021*, virtual, McGill University, Canada, February 2021. (Invited speaker)
- Bzdok D.**, “The neuroscience of social isolation”, *Symposium on the inclusion of individuals with autism*, CHU Saint-Justine, Montreal, Canada, December 2021.
- Bzdok D.**, “Markov decision processes and deep biological neural networks layers in humans”, *Tea Talk Seminar series*, Mila – Quebec AI Institute, Montreal, Canada, September 2021.
- Bzdok D.**, “Machine Learning for Big Biomedical Data”, *Lauri Parkkonen group*, Aalto University, Finland, April 2021.
- Bzdok D.**, “The concept of intelligence: Cognitive, biological, and AI perspectives”, *The Space Odyssey 12.400*, MIT, Boston, US, March 2021.
- Bzdok D.**, “Neuroscience of the Self and Adaptive Real-world Behavior”, *Discussion Panel*, *McGill Center for Convergence of Health and Economics*, McGill University, February 2021.

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- Chen, G.** “Transdermal cold atmospheric plasma-mediated immune checkpoint blockade therapy” *Therapeutic ROS and Immunity in Cancer*, virtual, July 2021 (invited speaker)
- Fang, T., **Chen, G.** “Transdermal cold atmospheric plasma-mediated immune checkpoint blockade therapy”, *Canadian Cancer Research Conference*, online, Nov 2021 (poster presentation)
- Chen, G.** “Engineering Nanoformulations and Microdevices for Drug Delivery” *BBME seminar*, McGill University, Canada, March 2021.
- Chen, G.** “Engineering Nanoformulations and Microdevices for Drug Delivery” *CGI Spotlight*, McGill University, Canada, March 2021.
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FUNNELL, W. Robert J.

Presentations/Conferences

Golabbakhsh M & **Funnell WRJ**, "Finite-element modelling based on imaging and vibration data for human middle ears", *H.B. Williams Pediatric Surgical Research Day*, McGill University Health Centre, Montréal, June 2, 2021 (2nd prize, Translational Research category)

Jafari R & **Funnell WRJ**, "Finite-element modelling of newborn middle-ear vibrations under quasi-static pressurization", *21st Annual McGill Biomedical Graduate Conference*, Montréal, May 11, 2021

Haidar, Ahmad

Palisaitis E, El Fathi A, von Oettingen JE, Haidar A, Legault L, "A Meal Detection Algorithm for the Artificial Pancreas: A Randomized Controlled Clinical Trial in Adolescents With Type 1 Diabetes", *Diabetes Care*. 2021; 44(2):604-606. doi: [10.2337/dc20-1232](https://doi.org/10.2337/dc20-1232) (*Haidar and Legault share senior authorship*)

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