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**Presentation/Conferences**


**Collins DL**: “Intelligence artificielle, analyse d’images médicales et bias - est-ce qu’il faut s’inquiéter?” *CHU Ponchaillou*, Rennes, France - June 17, 2019 (Public talk)

**Patents**

Currently under revision.


**FUNNELL, W. Robert J.**


Presentations/Conferences


HAIDAR, Ahmad


Presentations/Conferences

Haidar, A. University of Ottawa Healthcare Symposium, Ottawa, Canada - January 26, 2019. (Invited speaker)
**Haidar A.** “Pramlintide in the Artificial Pancreas”. *Advanced Technology and Therapeutics in Diabetes Conference*, Berlin, Germany – February 20-23, 2019 (Invited speaker)

**Haidar A.** “McGill Artificial Pancreas Research: Combining Drugs with Algorithms”. *Diabetes Technology Center*, University of Virginia, Virginia, USA – July 15-16, 2019. (Invited speaker)

**Haidar A.** “Pumps, sensors and control algorithms to ameliorate the performance of artificial pancreas”. *Centre of Mathematical Research*, Université de Montréal, Canada - Nov 11, 2019. (Invited speaker)

**Haidar A.** “Next Technologies for the Treatment of Type 1 Diabetes: Closed-Loop and Open-Loop Insulin Delivery Systems”. *MUHC Combined Endocrine Rounds*, Montreal, Canada – November 28, 2019 (Invited speaker)

**Patents**

**Haidar A.** “An Algorithm for Automatic Boluses for the Artificial Pancreas”. Filed 2019

**Haidar A.** “Insulin and Pramlintide Delivery Systems, Methods, and Devices”. Filed 2019


**JUNCKER, David**


**Presentations/Conferences**

M. Yafia, A. Ng, O. Ymbern and **D. Juncker** “Single layer domino capillarics for performing advanced autonomous bioassays”. *Proceedings of MicroTAS 2019, The Twenty-Third*


D. Juncker “Antibody Microarrays and Nanoarrays for the Analysis of Proteins and Extracellular Vesicles”. Next-Generation Protein Analysis and Detection Conference (3rd Edition), Belgium - December 2nd, 2019 (Invited speaker)

D. Juncker “3D-printing and Capillary Microfluidics for point-of-care diagnostics, tissue engineering and organ-on-a-chip”. KUL Biosensors Seminar series, Louvain, Belgium - December 3rd, 2019 (Invited speaker)

D. Juncker “3D-printing and Capillary Microfluidics for point-of-care diagnostics, tissue engineering and organ-on-a-chip”. Seminar at McMaster University, Hamilton, Canada - October 2nd, 2019 (Invited speaker)

D. Juncker “3D-printing and Capillary Microfluidics for point-of-care diagnostics, tissue engineering and organ-on-a-chip”. Colloquium at Department of Physics, University of Ottawa, Ottawa, Canada - September 14th, 2019 (Invited speaker)
D. Juncker “Antibody-based Micro and Nanotechnologies for Multiplexed Protein and Exosome Analysis of Complex Samples”. Seminar at Faculté de Pharmacie, Université de Montréal, Montreal, Canada - August 20th, 2019 (Invited speaker)

D. Juncker “Micro and Nanotechnologies for the Analysis of Liquid Biopsies” McGill University 5th BBMEXS Symposium, Montreal, Canada - May 14th, 2019 (Invited speaker)

D. Juncker “May the capillary Force Be with You: Microfluidic Capillaric Circuits”. Harvard Bioengineering Seminar series, Boston, United States - April 25th, 2019 (Invited speaker)

D. Juncker “Antibody-based micro and nanotechnologies for multiplexed protein and exosome analysis of complex samples”. McGill University Research Centre on Complex Traits (MRCCT), Montreal, Canada - April 03rd, 2019

D. Juncker “Microfluidics for rapid diagnostics, tissue engineering, and isolation of circulating tumor cell clusters”. Seminar in Medical Physics Unit, McGill University, Montreal, Canada - January 18th, 2019 (Invited speaker)

Patent


D. Juncker “COLOCALIZATION-BY-LINKAGE SANDWICH ASSAYS FOR MULTIPLEXING, Docket No 57392-701.101”. Filed 2. October 2019

KEARNEY, Robert E


**Presentations/Conferences**


*Kearney, R.E.* “Using System Identification to Explore Human Joint Stiffness Design of Robotics and Embedded systems”. *Analysis, and Modeling Seminar (DREAMS)*, Berkeley, University of California, Berkeley – November 25, 2019

**RUDKO, David**


Presentations/Conferences


**PRAKASH, Satya**


Presentations/Conferences

Prakash, S. “Microbiome in Human Health: Heart to Brain”. European Biotechnology Congress 2019, Valencia, Spain - April 11-13, 2019 (Keynote speaker)

Patents


TABRIZIAN, Maryam


*Processes*, 7(6), 336. doi: [10.3390/pr7060336](https://doi.org/10.3390/pr7060336)


**Presentations/Conferences**

M. Tabrizian “Applications of Hybrid Chitosan-Based Nanomaterials in Regenerative and Nano-medicine”. *International Conference and Exhibition on Advanced & Nano Materials (ICANM)*, Montreal, Canada - August 12-14th 2019 (Keynote speaker)


M. Tabrizian “Chitosan-based nanomaterials for regenerative medicine and nanomedicine”, *Faculty of Dentistry Research Seminar*, Montreal, Canada, October 30, 2019.


**TARDIF, Christine**


**Presentations/Conferences**

Tardif, CL “Intracortical Myelin Imaging Using Inhomogeneous Magnetization Transfer Imaging” *CEST (Chemical exchange saturation transfer) Imaging Symposium*, Siemens
Tardif, CL “T1 mapping and T1-weighted/T2-weighted imaging”. Educational lecture, International Society for Magnetic Resonance in Medicine, Montreal, Canada, May 11, 2019

Tardif, CL “Multi-modal MRI of Cerebral Myelin”. Annual Biomedical Engineering Symposium, McMaster University, Hamilton, Ontario, April 26, 2019


