nüvü camēras

every photon counts

Biomedical Success Stories
with Nüvü Caméras' EMCCD Products

Integration with a commercial surgical microscope from Zeiss to help surgeons, in real-time, during neurosurgery interventions. Project directed by Dr. Leblond of Polytechnique Montreal with clinical tests at the McGill Unviersity Health Center.
https://www.osapublishing.org/boe/abstract.cfm?uri=boe-6-12-5063

Integration with a system for living neurons hyperspectral analysis from Photon etc. and Thenovia to accelerate pharmacological development. Project directed by the Centre for neuro-photonics of the Université de Laval Robert-Giffard Research Center and the Quebec Center for Drug Development.
http://biomedicaloptics.spiedigitallibrary.org/article.aspx?articleid=2518011

Integration with an ultrasound imaging system guided by tomographic fluorescence for in-vivo research on cancer. Project directed by Dr. Lesage of the Cardiology Institute of Montreal.
http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1387268

Integration with a commercial tomograph from Labeo Technologies for in-vivo imaging of small animals with the goal of remedying leukemia. Project directed by Dr. Haddad of Sainte-Justine Hospital.
https://www.chusj.org/en/Bio?id=0d9db2d4-8aec-4525-a1b9-de82e4e49f33

Integration with a commercial bioluminescence imaging system from Quidd for in-vivo research on cancer by drug impact studies. Project directed by Dr. Bérubé-Lauzière of the University of Sherbrooke Health Center.
http://spie.org/Publications/Proceedings/Paper/10.1117/12.2005794

Integration in a commercial super-resolution confocal microscope from Nikon to study the behavior of cells without damaging them with light. Project directed by Dr. Maddox of the Research Institute for Immunology and Cancer.
http://www.cell.com/biophysj/abstract/S0006-3495(11)03979-8

Integration in a commercial Raman imager from Photon etc. to study the possibility of in-vivo Raman imaging, leading to innovative non-invasive research avenues. Project directed by Dr. Martel of the University of Montreal.
http://www.cell.com/biophysj/abstract/S0006-3495(13)04649-3

Integrated in a spectroscopy imaging system for high-throughput viability assessment of ovarian microtumors in a microfluidic system. Project directed by Dr. Leblond of Polytechnique Montreal with the Hospital Center of the University of Montreal.
http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2499157