

European Molecular Imaging Meeting EMIM 2020

August 24th - 28th, 2020

Virtual Edition

Online Sessions featuring FUJIFILM VisualSonics products

For more information about the sessions, click on the title

PS 10-06 - Theranostic ICG-Mesoporous Silica Nanoparticles (MSNs) as photoacoustic contrast agents: development of a ratiometric approach for assessing drug release (#154)

Giuseppe Ferrauto, Fabio Carniato, Enza Di Gregorio, Silvio Aime, Mauro Botta, Lorenzo Tei

Session: PS 10 - Novel Optical, Acoustic & Optoacoustic Probes

Date: Wednesday, 26 August, 2020, 4:51 p.m.

Room: virtual room 2

103 - Development of an orthotopic mouse model of Pancreatic Ductal Adenocarcinoma (PDAC) by ultrasound(US)-guided injection (USGI) of MiaPaCa-1 cells (#481)

Tiziano Lottini, Matteo Stefanini, Claudia Duranti, Rayhana Bouazzi, Annarosa Arcangeli

Session: PW01 - New Tools for Cancer Imaging I

Date: Wednesday, 26 August, 2020, 5:30 p.m.

Room: virtual room 1, virtual room 2, virtual room 3, virtual room 4

PS 16-03 - An advanced machine learning algorithm for the automated detection of tissue chromophores from Multi-spectral photoacoustic images (#173)

Valeria Grasso, Joost Holthof, Jithin Jose

Session: PS 16 - Data Processing & Quantification

Date: Thursday, 27 August, 2020, 10:30 a.m.

Room: virtual room 4

For more information about the sessions, click on the link

PS 14-06 - [Perfluorocarbon-loaded Polymeric Nanoparticles for ¹⁹F MRI and Multimodal Imaging: From Functional Control to Clinical Use \(#98\)](#)

Olga Koshkina, Esmee Hoogendijk, Edyta Swider-Cios, Alexander H. J. Staal, Nicolaas K. van Riessen, Paul B. White, Christophe A. Serra, Andreas Riedinger, Katharina Landfester, Mangala Srinivas

*Session: PS 14 - MRI: New Probes & Applications
Date: Thursday, 27 August, 2020, 11:06 a.m.
Room: virtual room 2*

PS 18-03 - [Copper-free click conjugation of P-selectin antibody to lipid-shelled microbubbles for imaging inflammation in a murine model of inflammatory bowel disease \(#321\)](#)

Una Goncin, Wendy Bernhard, Ronald Geyer, Steven Machtaler

*Session: PS 18 - Imaging Inflammatory Response
Date: Thursday, 27 August, 2020, 12:30 p.m.
Room: virtual room 2*

PS 22-05 - [US- and MRI-guided light-triggered CO delivery by theranostic CORM-1-loaded PBCA microbubbles \(#127\)](#)

Vertika Pathak, Sandra Schipper, Nicolas Gross-Weege, Teresa Nolte, Marek Weiler, Volkmar Schulz, Fabian Kiessling, Twan Lammers, Patrick Koczera

*Session: PS 22 - Multimodal Imaging Probes
Date: Friday, 28 August, 2020, 10:54 a.m.
Room: virtual room 2*

PS 24-05 - [Aptamer-functionalized microbubbles: Ultrasound molecular imaging using an anti-P-selectin aptamer for imaging acute bowel inflammation. \(#559\)](#)

Una Goncin, Ronald Geyer, Steven Machtaler

*Session: PS 24 - Ultrasound & Opto-Acoustic Technologies
Date: Friday, 28 August, 2020, 10:54 a.m.
Room: virtual room 4*

For more information about the sessions, click on the link

PS 24-07 - INDUSTRY TALK | Photoacoustic hypoxia mapping of vital peripheral organs after myocardial infarction in mice (#698)

Helene David, Aurore Ughetto, Philippe Gaudard, Maelle Plawecki, Nitchawat Paiyabhroma, Pascal Colson, Sylvain Richard, Pierre Sicard

Session: PS 24 - Ultrasound & Opto-Acoustic Technologies

Date: Friday, 28 August, 2020, 11:18 a.m.

Room: virtual room 4

179 - Study of the effects of a combination therapy in a subcutaneous mouse models of colorectal cancer (CRC) with ultrasound and photoacoustic imaging (#460)

Tiziano Lottini, Matteo Stefanini, Jessica Iorio, Annarosa Arcangeli

Session: PW16 - Imaging Cancer Therapy II

Date: Friday, 28 August, 2020, 12:00 p.m.

Room: virtual room 1, virtual room 2, virtual room 3, virtual room 4

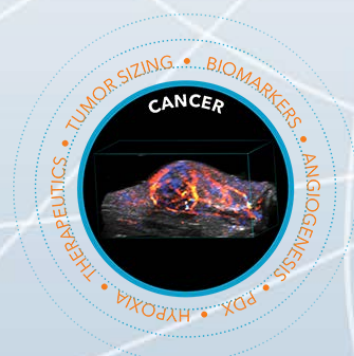
504 - Ultrasonography-guided catheter implantation improves conscious radiotelemetric blood pressure measurement in mice (#476)

Lorenzo Carnevale, Raimondo Carnevale, Giuseppe Cifelli, Francesco Mastroiacovo, Daniela Carnevale, Giuseppe Lembo

Session: PW23 - Intra-Operative Imaging

Date: Friday, 28 August, 2020, 12:00 p.m.

Room: virtual room 1, virtual room 2, virtual room 3, virtual room 4



FUJIFILM VisualSonics
T. +31 20 751 2020
European Toll Free +800 0751 2020