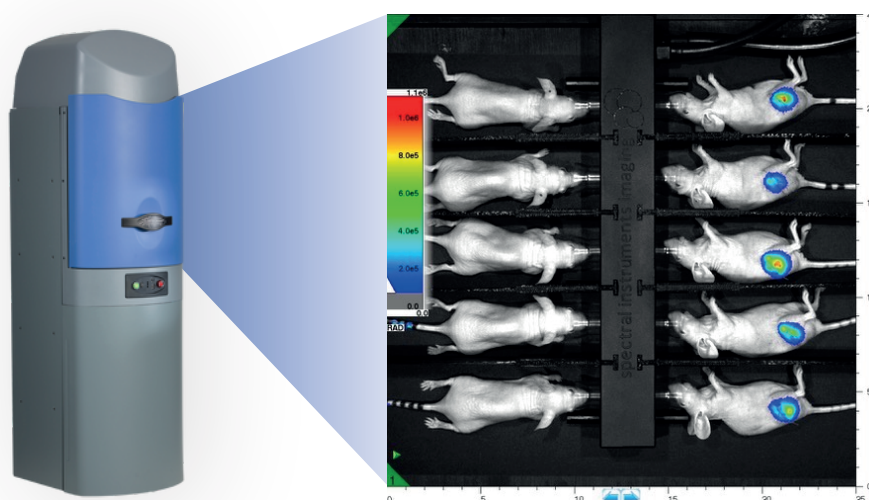




High quality in preclinical imaging



Seminar

Date:

21th of November, 2019, 1 PM

Place:

Faculty of Biology, Sofia University

Topic:

In - Vivo Imaging

Speaker:

Igor Valerián

Registration:

Mrs. Rossitza Konakchieva, r_konakchieva@abv.bg



ACCELA

Accelerate your biomedical research

Abstract

Use of LED technology instead of white light sources

Spectral Instruments Imaging (SII) is committed to engineering excellently, innovating simply and integrating deeply. What it means is that our instruments use purpose built components – starting with a specialized deep-cooled ultra-high performance camera, delivering 36% more sensitivity than other devices in the market. At 465 nm SII instruments deliver ~ 100x times more light on specimen than competitors. It accomplishes this by having the fewest Steps from Source to Surface. There is no fiber bundle, no filter wheel and 100X the power! Just a patented Pure LED Source technology. At opposite, white light based systems have components, downstream of excitation filter wheel, which are sources of autofluorescence and optical artefacts. LEDs are stable and require no warm up time. LEDs have long lifetimes, over 1 000 times longer than white light sources. LED control is completely linear and accurate.

Largest FOV in the market is the answer for growing demands in modern flow-cytometry assays. With its four lasers (405, 488, 561, and 637nm) it brings up to 25 colour-assay. Each colour has its separate detector to avoid need for adjustments, making the data analysis even easier. The NovoSampler Q, which can be integrated into different laboratory automation platforms, efficiently processes both FACS tubes (using a 40-tube rack) and 24-, 48-, 96-, and 384-well plates. The intuitive NovoExpress software has been further advanced, providing an exceptional user experience in data acquisition, analysis and reporting.

Easy to run

Plug and play system, 5 minutes cooling time, absolute calibration, safety working conditions for X-Ray.

Seminar



Accelerate your biomedical research