

Dear Max Mustermann

Your field of interest is biology, botany or medicine and you work with biofilm forming microorganisms? Then you will profit from our wider range of pH values that can be visualized two-dimensionally as a [new sensor foil](#) for VisiSens A2 allows measurements between pH 2.5 - 4.5. Applications like e. g. dental medicine (carious or paradontitis), medicine (affects on implants), biofouling, wastewater treatment in biofilm reactors or the segmentation of marshland based on the nutrient content are now possible.

Already save the date: We kindly invite you to our [next Live-Webinar](#), focusing this time on "O₂ and pH in Cell Cultures, Engineered and Native Tissue".

In case you missed our presentation on "Metabolic Activity Inside Microfluidics", you may want to have a look on our YouTube webinar.

Enjoy reading and we are keen on your feedback!

Your PreSens-Team

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pH Imaging for two different pH ranges

PreSens now offers pH sensor foils for different pH gradients:

- measuring range pH 5.5 - 7.5
- measuring range pH 2.5 - 4.5

Both pH ranges can be read out with Detector Unit VisiSens A2 and the new software VisiSens AnalytiCal 2 VA2.11, processing the data of pH 2.5 - 7.5. Once you work with sensor foils, the [FAQ](#) on our webpage will tell you how to handle them correctly.

[>> Ask for your VisiSens A2 + pH sensor foils quote.](#)

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Live-Webinar O₂ and pH in Cell Cultures, Engineered and Native Tissue

Visualized *in Vitro* and *in Vivo*

Cellular metabolism critically depends on local oxygen supply and pH-values. Especially in cell culture or engineered tissue, cells located in diffusion limited regions can be subject to low oxygen levels and pH changes. With VisiSens non-invasive, continuous, 2D-measurements of O₂ and pH over cross sections or surfaces of samples can be performed, also directly in the incubator. Furthermore, 2D analyte distributions in living samples can be visualized.

Join **Dr. Robert Meier** as he shows how to get a better understanding of cell cultures, engineered tissue, or living samples, to visualize metabolic activity and gradients, detect metabolic hotspots, or monitor physoxia and hypoxia experiments with VisiSens. Learn how to image and benefit from VisiSens.

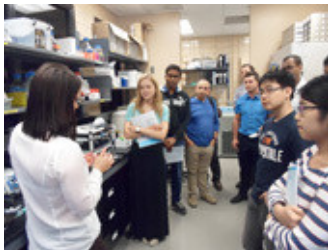
Date & Times:

Thursday, September 24th, 2015
at 09:00 a.m. (CET) or 05:30 p.m. (CET)

Duration:

45 minutes

[>> Here you will find your log-in data.](#)



Metabolic Activity Inside Microfluidics

Oxygen measured and visualized with VisiSens Imaging

The VisiSens R&D team was part of the Microfluidics Professional Workshop and the Ontario-On-A-Chip Symposium in Toronto / Canada last June. Besides other cutting-edge techniques for microfluidic fabrication and application, oxygen imaging in microfluidic devices using the VisiSens A1 system was presented to the international audience. Two presentations and hands-on demos with the VisiSens system convinced the participants of its straightforward use and the reliable results that can be obtained in microfluidic chips.

Encouraged by the experiences made in Toronto, we invited all our customers to join our Webinar on "Metabolic Activity Inside Microfluidics". During the session the participants gained new insights on metabolic activity, natural or artificially produced gradients, recorded time-series and monitored hypoxia, cellular growth or oxygen supply inside microfluidic chips with VisiSens.

You did not have the chance to join us? Then please have a look on our [Webinar](#) on YouTube.

Meet Us at One of Our Upcoming Exhibitions:

September 8th - 11th, 2015

TERMIS World Congress

[Tissue Engineering and Regenerative Medicine Intern. Society - World Congress 2015](#)

Boston, MA, USA, Boston Marriott Copley Place

September 16th - 18th, 2015

BMT 2015

[49 Annual Conference on the German Society for Biomedical Engineering](#)

Lübeck, Germany, University of Lübeck, Building 65, Audimax

October 6th - 8th, 2015

Biotechnica & LABVOLUTION

[Europe's No. 1 Event for Biotechnology, Life Science and Lab Technology](#)

Hanover, Germany, Deutsche Messe Hannover, Hall 9, Booth E77



PreSens runs again

For the second time PreSens participated at the "REWAG Firmenlauf". On Wednesday, July 8th, 12 of our staff members went along a 7 km course through the "new east" district of Regensburg. With their participation they supported the social project "Mama learns German" - a language course for young refugee mothers.

[Click here to read more ...](#)

You would like to learn more about our other products? Please visit our homepage www.presens.de and don't hesitate to contact us. Any feedback will be appreciated.

With kind regards

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Communications



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