

NEWSLETTER MARCH 2017

New Distributor ECT in China

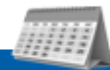
Opening session in Shanghai

Ehrfeld signed an exclusive distributor contract with ECT in China on the first of January of this year. Since the last 10 years Ehrfeld developed in China to one of the leading suppliers of this new technology platform of micro- and millireactors. More than 80 visitors participated at the opening in Shanghai and expressed great interest in this technology. The company Shaoxing Eastlake Biochemical gave an impressive presentation concerning the felicitous launch of the first Miprowa production reactor in China. With this launch Ehrfeld has entered a new stage of market development and opened the door for the Miprowa technology into the industrial production market. We thank Shaoxing Eastlake Biochemical very much for the trustful and effective collaboration which lead to the realization of the first lighthouse project for millireactors in the industry worldwide.



Research work with cartridge reactor F200

In addition to other successful-established activities with the Technical University Hamburg, the Ruhr University Bochum and the



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Technical University Darmstadt, the group around Prof. Dr. Jäger at the Hochschule am Niederrhein is currently investigating catalysis reactions by using our cartridge reactor F200. The conversion of two lipases, using immobilized catalysts in the cartridge of the reactor, is compared. PAT online analyses are performed in the product stream by our optical flow through cell with NMR and Raman spectroscopy for showing up the turnover. The filling aid belonging to the reactor makes a precise and fast insertion of the catalyst powders into the cartridge really easy, says the project leader Mr. Robin Legner. Hydrogenation with hydrogen gas and the oxidation of toluene to benzoic acid will be investigated in the near future, but other tasks like the fermentation with baker's yeast may also be a target. We are looking forward to new exciting results with this cartridge reactor F200.



Meet Ehrfeld at the ChemSpec in Munich

“Growth from David to Goliath: Millireactor for Multi-Ton Production Application” is the title of the lecture Dr. Andrea Henseler will present at the 1st of June at the ChemSpec in Munich. This will take place at 11am at the Royal Society of Chemistry Symposium 2017 in hall A5 booth N170. For more information or hands-on experience on our modules and reactors we would be happy to welcome you at our booth B225 in hall A6. Anyway we are looking forward to a great number of interesting discussions about this new technology platform of micro- and millireactors for production applications.



If you have any questions, we will be pleased to answer them by phone, email or in a personal meeting. Visit us under www.ehrfeld.com to obtain an initial impression of our technology.

Or meet us in person at the next event:

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Best regards,

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