

Newsletter Bio-PAT No. 16, December 2023

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Dear reader, with this newsletter we send you the last news of the network Bio-PAT and its members in the year 2023. We thank you for your interest, our partners for collaboration, and our members for trusting in the Bio-PAT team.



News of Bio-PAT and its members (August - December 2023)



Prof. Neubauer received Agilent Thought Leader Award (03.08.2023)

Prof. Neubauer (leader of [Chair of Bioprocess Engineering](#) at [TU Berlin](#)) received the Award for his work in bioprocess engineering. He leads innovative research to identify new methods for more efficient bioprocess development, including genetic, cultivation, and process analytical tools,



KNAUER inno-vativster deutscher Mittelständler 2023 (11.08.2023)

[KNAUER](#) [Wissenschaftliche Geräte GmbH](#) aus Berlin ist von der Wirtschaftswoche als innovativster deutscher Mittelständler 2023 in Deutschland ausgezeichnet worden. KNAUER zeigt, wie Unternehmen technische Neuerungen zu Geschäften entwickeln und aus Nischen heraus Märkte



KNAUER starts partnership with Better Basics (17.08.2023)

[KNAUER](#) and the start-up [Better Basics Laborbedarf GmbH](#) announce their cooperation. In the future, the combination of the KNAUER AZURA HPLC system and the Better Basics SmartRack® organisation system for laboratory workstations will allow to improve the efficiency and use of space



BlueSens is new partner of next2ENZYME (08/2023)

[BlueSens gas sensor GmbH](#) announces the new partnership with [next2ENZYME](#) - an innovation network. It aims to implement new concepts that apply revolutionary enzyme engineering techniques and enable more sustainable fermentative processes.

with focus on large scale.

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KNAUER is now EN ISO 13485 certified (08/2023)

The manufacturer of high-tech laboratory equipment [KNAUER](#) has passed the certification audit according to EN ISO 13485 by the end of August 2023. With the introduction of this quality standard for medical devices, KNAUER raises its quality management to a new level and facilitates its access to more market segments.

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Alexandra Knauer honored with order of merit of Berlin (01.10.2023)

A. Knauer was honored for her achievements as a successful and socially particularly committed entrepreneur. [KNAUER](#), a manufacturer of high-tech lab. instruments in Berlin for 62 years, has developed novel production [equipment for encapsulating the mRNA active ingredient into lipid nanoparticles](#) for vaccine production in a short time.

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erobren können.

Read more (German)



Bio-PAT presented at Investment Prom. Sem. China (04.09.23)

[Bio-PAT](#) presented the network via video at Germany's Health Capital - Berlin Investment Promotion Seminar & International Health and Environment Industry Development Forum in China on September 04th in the session "Scientific and technological innovation, what do SMEs need for further empowerment?"

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BVT at the VLB October Convention (10.10.2023)

Dr. Anika Bockisch ([Bio-PAT e.V.](#)) presented the [PDW - Spectroscopy](#) at the [VLB Oct. convention](#) as an innovative tool for the monitoring of the mashing & fermentation process in the brewery („Einsatz der inline-Photonendichte-Wellen-Spektroskopie in der Brauerei“). The talk was followed by discussions for collaboration.

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in the lab.

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Bio-PAT, BlueSens, SOPAT at ECCE / ECAB (17.-21.2023)

Bio-PAT and some members attended the ECCE / ECAB in Berlin. [BlueSens](#), [SOPAT](#) and [Bio-PAT](#) were exhibitors, showing technologies and services. [ATB Potsdam](#), [BlueSens](#), [Chair of Bioprocess Engineering](#) with [KIWI-biolab](#) (TU Berlin), [FyoniBio](#), [KNAUER](#), and [SOPAT](#) gave several oral talks and / or poster presentations.

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ATB: Microbiome technologies for circular bioeconomy (08.11.2023)

From 2025, the [Leibniz Institute for Agricultural Engineering and Bioeconomy e.V.](#) (ATB) will receive additional budget funds for its strategic expansion and consolidation of its methodological expertise and infrastructure in the field of microbiome technologies for circular bioeconomy, amounting to 2.2 million Euros per year.

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BVT & Bio-PAT at Bioprocessing Summit (27.-29.09.23)

[Bio-PAT](#), the [Chair of Bioprocess Engineering](#) (BVT) with [KIWI-biolab](#) (TU Berlin) and [BioNukleo](#) were exhibitors. At the beginning of the congress, a tour in the laboratories of BVT including a presentation of Bio-PAT was given to 60 international participants. With many intensive conversations the congress was a success.

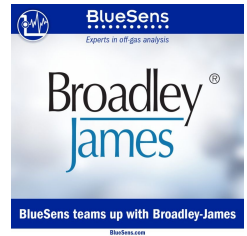
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Colombian delegation visited Bio-PAT members (28.11.-08.12.2023)

Between 28.11. and 08.12.23, a delegation of 15 students with Prof. Gómez-Ríos (Univ. del Valle in Cali) visited institutions in Berlin, Potsdam, and Lemgo. Amongst them were the [Bio-PAT](#) members [ATB Potsdam](#), [Chair of Bioprocess Engineering](#) with [KIWI-biolab](#) (TU Berlin), and [Versuchs- & Lehranstalt f. Brauerei in Berlin \(VLB\)](#).

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foom received Pro FIT funding (12 / 2023)

The [foom GmbH](#) joined Bio-PAT in May 2023. Recently, it received funding in the frame of the IBB program Pro FIT for working intensively on "microbe-based processing of organic residues". With the funding, the team can grow, new equipment can be acquired, and innovative technologies will be developed.

[foom Website](#)

Bio-PAT general meeting at SOPAT (06.12.2023)

The 9th Bio-PAT general meeting was conducted at the [SOPAT GmbH](#) with 15 of 21 members. Before the official part, SOPAT was presented to the members in a guided tour by CEO Jörn Emmerich, showing the development, manufacturing, and testing of the innovative photo optical particle analysis technology.

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Knick: New Customer contact in Austria (14.12.2023)

In order to offer their customers in Austria even closer advice, [Knick Elektronische Messgeräte GmbH](#) is realigning the local sales team in the field of process analysis and interface technology. In future, the customers will have two direct contacts, Mr. Sandor Keresztes and Mr. Markus Eichenseer.

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BlueSens: New distribution partner for UK & Ireland

[Broadley James Ltd](#) is now a certified distribution partner for UK of [BlueSens gas sensor GmbH](#). By this, the competencies of both partners in process analytics are bundled and strengths combined to offer more comprehensive and effective solutions in bioprocessing to their clients.

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Bio-PAT welcomes Biophotonics Diagnostics GmbH as a new member in 2024.

Biophotonics Diagnostics offers technologies and services for the rapid identification and classification of substances and microbes. It provides diagnostics and process analytics on a new level using artificial intelligence. By combining Raman spectroscopy with AI-based software, it is possible to evaluate even complex data reliably, quickly and inexpensively. The machine-learning software and database systems of BPD offer a clear and efficient tool with the highest level of convenience, making analysis in the field of chemical, biochemical and medical diagnostic applications many times easier.

[BPD Website](#)

Stay tuned for upcoming events in 2024 in our [Bio-PAT event calendar](#), which will be filled soon with news!



Join the 8th BioProScale Symposium in April 2024 in Berlin!
Scaling Down and Up of Bioprocesses: Strategies, Tools and Process Performance

The BioProScale Symposium is an event on industrial scale bioprocessing with a long scientific tradition. Target groups are experts from research & development and industrial practice in bioprocessing of

pharmaceuticals, food, feed and renewables.

Beside a wide range of exciting lectures and interesting posters there is the possibility to exhibit at the symposium. [Information for exhibitor & sponsors.](#)

The [Call for Papers](#) is open until 14.01.2024 / 29.02.2024!

[More Information](#)

If you want to start a new position the new year check out the [job offers of our Bio-PAT members \(in GER\)](#).

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