



Newsletter Bio-PAT Nr. 15, July 2023

In the following you are informed about upcoming events and news of the network Bio-PAT and its members.

Watch the newsletter in the [Browser View](#).

EC^{CE} AB 23

17 - 21 September 2023, Berlin/Germany

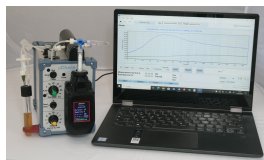
Do not miss the opportunity to meet Bio-PAT and its members at the ECCE/ECAB 2023 in September in Berlin!

BlueSens gas sensor GmbH, SOPAT GmbH and Bio-PAT itself will participate as exhibitors (booth F08-BlueSens, D12-SOPAT, E06-Bio-PAT).

BlueSens gas sensor GmbH, Chair of Bioprocess Engineering at TU Berlin, FyoniBio GmbH, KNAUER Wissenschaftliche Geräte GmbH, and SOPAT GmbH will be amongst the speakers for oral talks and/or poster presentations.

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News of Bio-PAT and its members (April - July 2023)



 **EloSystems**
Products for Biotechnology

EloSystems: Launch of "μCheck" device (April 2023)

μCheck is an intelligent new analysis system for online monitoring of bacterial cell size, cell concentration and cell biomass in bioprocesses. [EloSystems](#) presented this device at the Bio-PAT Mini-Symposium on April 19th and at the LABVOLUTION 2023.



Bio-PAT General Meeting at ABiTEP GmbH, 18.04.2023

The 8th Bio-PAT general meeting was conducted at the [ABiTEP GmbH](#). Before the official part, ABiTEP was presented to the members in a company presentation and a guided tour through the various laboratories as well as the production and down-stream plant.



Bio-PAT Mini-Symposium, 19.04.2023

The Mini-Symposium "Anwendung von PAT für robuste Bioprozesse" took place in Berlin. [ANiMOX](#), [Leibniz Institute ATB](#), [EloSystems](#), [PDW Analytix](#) and [SOPAT](#) presented Process Analytical Technologies (PAT) and their applications in bioprocesses.


Circular on spot



Bio-PAT welcomes new member foom, 01.05.2023

The [foom GmbH](#) joined the Bio-PAT network in May. The company offers a resource saving, sustainable technology that helps to accelerate the natural conversion of commercial organic waste (e.g. leftover food) from large events into natural fertiliser on-site.

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KNAUER received "VORSPRUNG" award (09.05.23)

The VORSPRUNG Business Award was presented at the Federal Chancellery by Patron C. Schneider as a certificate to the managing directors of [KNAUER](#): A. Knauer and C. Losch. The award was presented for the third time to companies in eastern Germany and Berlin that are considered to be role models for the future economy.

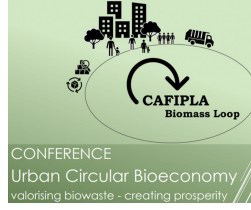
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Bio-PAT at LABVOLUTION (09.-11.05.2023)

[Bio-PAT](#) and working groups of the [Chair of Bioprocess Engineering](#) at TU Berlin exhibited their projects, services and products on a [common booth](#). Competencies in the field of bioprocess automation, digitization, analytics and application cases in biotech biobased production were presented.

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CAFIPLA project ended after 3 years (11.05.2023)

After 3 years, the project „[CAFIPLA](#) - Combining carboxylic acid production and fibre recovery“ ended. At the final UCB Conference, the partners presented final findings and the trial phase of the CAFIPLA pilot plant. Dr. Joachim Venus ([ATB-Bioconversion group](#)) was also amongst the speakers.

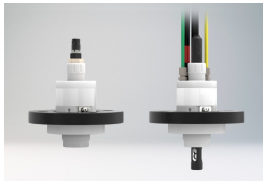
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Launch of CHOFlow® at FyoniBio (16.05.2023)

The CHOFlow® technology of [FyoniBio GmbH](#) for the high yield production of afucosylated ADCC enhanced antibodies was launched. It unifies excellent productivity rates & exceptionally stable and robust production processes of the CHONamite® host cell line with a glycoengineering strategy.

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Knick: Retractable fitting for corrosive conditions (25.05.23)

[Knick Elektronische Messgeräte GmbH & Co. KG](#) launched a new retractable fitting made of plastic. It is constructed for safely cleaning sensors in corrosive processes / environments. It removes sensors from an ongoing process and moves them into an inner rinsing chamber with multiple cleaning nozzles for sensor cleaning.

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BlueSens: Constructions & increased production (06/23)

At [BlueSens gas sensor GmbH](#), the construction of the new building (400 m²) is progressing. It will offer additional office space, larger training rooms, and a bright break room. As the demand for gas analyzers increases, more space for production, employees and trainees is needed. Since June 2023, the [production of Yeast-Force is increasing](#).

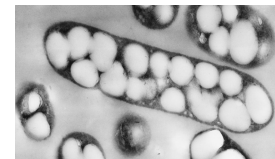
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KIWI-biolab (BVT, TU Berlin) on LinkedIn (07.06.2023)

Follow the [KIWI-biolab \(Chair of Bioprocess Engineering\)](#) on LinkedIn. KIWI-biolab (Künstliche Intelligenz für Wissensbasierte Integrierte Biolabore) connects international top scientists in artificial intelligence, machine learning and bioprocess engineering to explore opportunities & challenges of bioprocess automation.

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Increased bioplastic production by team at BVT (21.06.2023)

The production of bioplastic (Polyhydroxyalkanoate) has been significantly increased by a team of the [Smart bioproduction group at the Chair of Bioprocess Engineering, TU Berlin](#) due to an intelligent feeding system. Animal waste, e.g. from gastronomy and heparin production is used as a carbohydrate source for bacterial growth.

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Upcoming events (until Sept. 30th, 2023)



**28.08.-01.09.2023,
08:00-16:00 (CEST)**
1st VLB African
Brewing Seminar
Online (ABS)

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**29.-31.08.2023,
08:00-15:30 (CEST)**
KNAUER at mRNA
Analytical Develop-
ment Summit Berlin

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**04.-15.09.2023,
09:00-17:00 (CEST)**
Craft Brewing in
Practice - Hands-on
Course at VLB Berlin

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**06.09.2023,
09:00-15:30 (CEST)**
KNAUER at LAB-
SUPPLY in Hannover

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**13.09.2023,
08:00-16:00 (CEST)**
Knick at MEORGA in
Ludwigshafen

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**17.-21.09.2023,
Bio-PAT & SOPAT,
BlueSens, BVT,
FyoniBio, KNAUER at
ECCE, ECAB Berlin**

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**18.-20.09.2023,
08:00-17:00 (CEST)**
Iberoamerican VLB
Symposium Brewing
& Filling Technology

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**19.-21.09.2023,
10:00-18:00 (CEST)**
KNAUER at
ARABLAB 2023 in
Dubai

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**26.-28.09.2023,
09:00-17:00 (CEST)**
KNAUER & Knick at
ILMAC in Basel

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**26.-28.09.2023,
09:00-17:00 (CEST)**
Parsum (part of
SOPAT) at POWTECH
in Nürnberg

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**27.-29.09.2023,
BVT & Bio-PAT at
World Smart
Bioprocessing
Summit in Berlin**

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**28.09.2023,
09:00-15:30 (CEST)**
KNAUER at LAB-
SUPPLY in Dresden

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calendar!](#)**

[Job offers of our Bio-PAT members \(in GER\).](#)

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