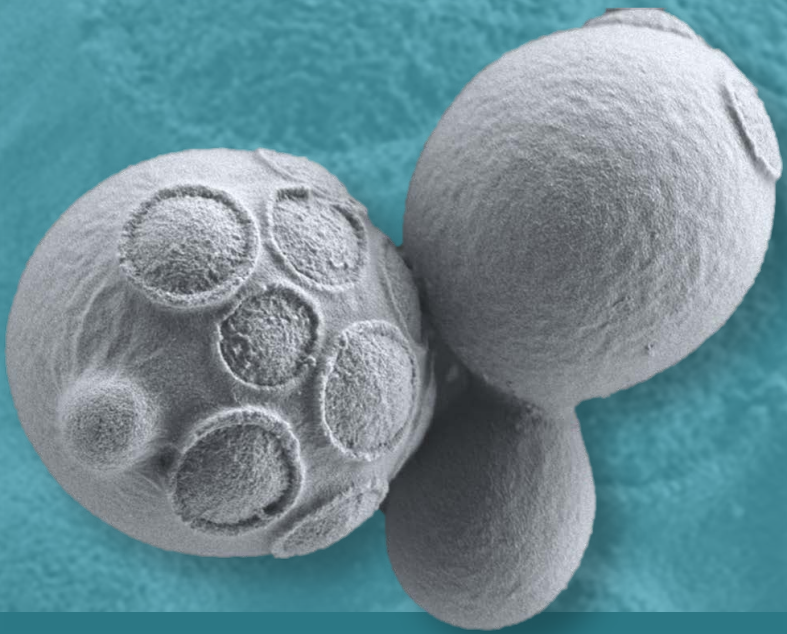
Pichia 2026

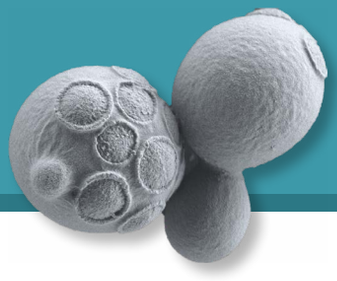
24-27 March 2026, Mallorca

The Hipotels Gran Playa de Palma



PROGRAM

https://pichia2026.com/



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Tuesday 24th March

13:00 - 16:00	**Registration**	Secretary
16:00 - 16:30	**Welcome session**	Neptuno plenary Room
16:30 - 17:15	**Opening session** Chair: Anita Emmerstorfer-Augustin **Decoding and designing advanced *Komagataella phaffii* cell factories for sustainable production of secreted proteins.** Brigitte Gasser BOKU University	
17:15 - 17:45	**Jim Cregg tribute**	
17:45 - 19:30	Welcome Drinks & Canapés	Commercial Exhibition Area

Wednesday 25th March

08:30 - 09:00	Breakfast coffee & sweets
09:00 - 12:30	**Session 1. Genetic & Synthetic Engineering of *Pichia pastoris*** Chair: Rochelle Aw
09:00 - 09:30	**From sterols to pigments and peptides: How *K. phaffii* keeps teaching us new biology** Anita Emmerstorfer-Augustin Graz University of Technology
09:30 - 10:00	**The *Pichia pastoris* platform for production of Nanobody® biotherapeutics** Bram Laukens
10:00 - 10:20	ID 54. **Improving effector function in *Pichia*-derived VHH-Fc antibodies** Erhan Çıtak VIB-UGent Center for Medical Biotechnology
10:20 - 10:40	ID 7. **CRISPR-based tools for rational *Pichia pastoris* strain engineering** Robert Gnuegge Sanofi
10:40 - 11:00	Coffee break
11:00 - 11:30	**Promoting Protein Expression in *Pichia*** Iskandar Dib
11:30 - 11:50	ID 16. **The role of *Pichia pastoris* in producing Enterovirus vaccines** Emma Jackson CPI
11:50 - 12:10	ID 2. **Breaking Bud: Snowflake *Pichia* as a Living Platform for Cultivated Meat** Jason Yu Imperial College London/Bezos Centre for Sustainable Protein
12:10 - 12:30	ID 53. **Yeast@Zeolitic-Imidazolate-Framework Enzyme Delivery System** Nina Grujicic Graz University of Technology
12:30 - 14:30	Lunch & poster session

14:30 - 17:10 **Session 2. Host Physiology & C1-Metabolism**
Chair: Özge Ata

14:30 - 15:00 **Decoding and rewiring of *Komagataella phaffii* for the methanol-free production of proteins and natural products**
Menghao Cai
East China University of Science and Technology

15:00 - 15:20 ID 15. **From XuMP to RuMP in *K. phaffii*: the importance of compartmentalization**
Lisa Sanvito
BOKU University

15:20 - 15:40 ID 6. **Signaling pathways involved in the transcriptional response to high pH in *Komagataella phaffii***
Joaquin Ariño
Universitat Autònoma de Barcelona

15:40 - 16:00 Coffee break

16:00 - 16:30 **Methanol utilization through native alcohol dehydrogenase improves carbon efficiency of methylotrophic yeasts**
Diethard Mattanovich
BOKU University

16:30 - 16:50 ID 1. **New development of expression system by formatotrophs *K. phaffii***
Jianguo Zhang
University of Shanghai for Science and Technology

16:50 - 17:10 ID 78. **Metabolic impact of redox perturbations on recombinant protein production in *Komagataella phaffii* under methanolic growth conditions**
Eric Antón García
Universitat Autònoma de Barcelona

17:10 - 19:00 Break

19:00 Hotel Dinner Sponsored by: VALIDOGEN

Thursday 26th March

08:30 - 09:00 Breakfast coffee & sweets

09:00 - 12:30 **Session 3. Food, Chemicals & Biopharmaceuticals**
Chair: Katrien Claes

09:00 - 09:30 **Next *Pichia*, different strains for different products?**
Anton Glieder
Graz University of Technology

09:30 - 09:50 ID 10. **High-throughput screening of therapeutic lysosomal enzymes using *Pichia pastoris***
Ginevra Camboni
University of Edinburgh

09:50 - 10:10 ID 51. **Commercial Production of Recombinant Human Lactoferrin (effera®) via a Precision Fermentation Platform in *Komagataella phaffii***
Pamela B. Besada-Lombana
Helaina Inc

10:10 - 10:30 ID 21. **An integrated pipeline for the discovery and recombinant production of antimicrobial macrocyclic peptides**
Chiara Bertaso
University of Milan

10:30 - 11:00 Coffee break

11:00 - 11:30 **Engineering and preclinical evaluation of dried food-formulated *Pichia*-secreted antibodies as peri-exposure prophylaxis against *Clostridioides difficile* disease**
Nico Callewaert
VIB-Ghent University

11:30 - 12:30 **Flash Talks**

ID 3 / Panel 1
OPEN*Pichia* and Beyond: The open-access *Pichia* resource and VIB's tailored N-glycoprotein production
Katrien Claes
VIB-Ghent Univeristy

ID 20 / Panel 8
Secretory expression of bovine kappa-casein in *Pichia pastoris*
Laura Iaria
Wageningen University

ID 22 / Panel 9
How continuous control shapes kinetic stability and lipase production in *Pichia pastoris*
Fuentsanta Verdú
Bionet

ID 26 / Panel 13
Comparison of Feeding Strategies for Enhanced Glucose Oxidase Production in *Pichia pastoris* Using a Small-Scale Multi-Bioreactor System
Julia Schollmeyer
Technische Universität Berlin

ID 27 / Panel 14
Eco-friendly and high titer NANOBODY® molecule manufacturing at industrial scale
Antonov Elena
Sanofi-Aventis Deutschland GmbH

ID 28 / Panel 15
Determining feeding strategies for *Komagataella phaffii*
Julian Kopp-Hausjell
TU Wien

ID 29 / Panel 16
Optimizing Trace Elements for Improved Protein Production in *Komagataella phaffii*
Marina Jecmenica
Austrian Centre of Industrial Biotechnology (ACIB)

ID 32 / Panel 17
***Pichia* Gold™**
Knut Madden
BioGrammatics, Inc.

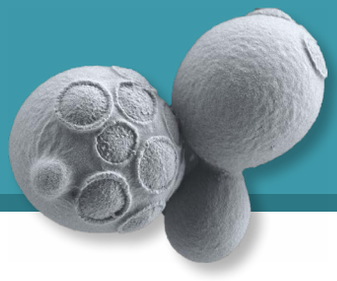
ID 43 / Panel 25
RapidFire-Enabled Screening of *K. phaffii* expression strains
Sven Heimhilcher
bisy GmbH

ID 47 / Panel 28
Engineering a GlycoDelete *Pichia pastoris* Platform for Affordable Production of Site Specific Conjugates
Bo Vercauteren
VIB-Ghent University

ID 48 / Panel 29
Engineering of *Pichia pastoris* for Custom Glycoprotein Production
Dovilė Daunoraitė
Vilnius University

ID 49 / Panel 30
Visualizing the ER of *Komagataella phaffii* by Fluorescence Microscopy
Dorian Stadlmayer
BOKU University

ID 56 / Panel 31
Expression, Purification, and Proteolytic Processing of Recombinant Human Insulin from *Komagataella pastoris*
Vladislav Korolev
University of British Columbia



ID 61 / Panel 36

Functional characterization of the AMPK catalytic subunit in *Komagataella phaffii*
Asier González
Universitat Autònoma de Barcelona

ID 66 / Panel 40

Enabling fast feedback loops for protein designers through rapid progression from sequence to protein
Noah Sprent
Change Bio

12:30 - 14:30	Lunch & poster session
14:30 - 17:30	**Session 4. Bioprocess Development & Scale-Up** Chair: Xavier Garcia-Ortega
14:30 - 15:00	**From shaking to Artificial Intelligent: An overview of the evolution of operational strategies to maximize *Komagataella phaffii* Bioprocesses** Francisco Valero Universitat Autònoma de Barcelona
15:00 - 15:20	ID 45. **Establishing a Scalable Platform Process for VHH-Fc Antibody Manufacturing in *Pichia pastoris*** Semiramis Yilmaz VIB-Ghent University
15:20 - 15:50	Eurogentec **Comparative Evaluation of *E. coli* and *Pichia pastoris* Expression Systems for sdAb Production** Laurent Bretaudeau
15:50 - 16:20	Coffee Break
16:20 - 16:50	BECKMAN COULTER **Accelerating Predictive *Pichia* Screening Using High Throughput, Controlled Microbioreactors** Sebastian Blum
16:50 - 17:10	ID 72. **Addressing strain stability to avoid reduced production efficiencies in long-term continuous cultivations** Guillermo Requena-Moreno Universitat Autònoma de Barcelona
17:10 - 17:30	ID 55. **Novel *Komagataella phaffii* expression platform for continuous cultivation** Florian Weiss Graz University of Technology
17:30 - 19:00	Break
19:00	Official Gala Dinner at the Palma Aquarium Mallorca Sponsored by: RESEARCH CORPORATION TECHNOLOGIES

Friday 27th March

08:30 - 09:00	Breakfast coffee & sweets
09:00 - 12:30	**Session 5. Beyond Fermentation** Chair: Xavier Garcia-Ortega
09:00 - 09:30	**Learning *Pichia*: AI/ML-Guided Strain and Process Design for Alternative Hosts"** Chris Love Koch Institute at MIT
09:30 - 09:50	ID 50. **Scaling Up *Pichia* fermentation: What drives colour formation in supernatant and can we control it?** Chaitanyavilas Pujar dsm-firmenich
09:50 - 10:10	ID 76. **Impact of Operating Conditions on TFF Performance for the Downstream Processing of Recombinant Lipase CRL1** Fuensanta Verdú-Navarro Bioprocess Pilot Plant, Bionet
10:10 - 10:30	ID 35. **Techno-economic insights in scaling *Pichia pastoris* from lab to fab** Pieter De Brabander Bionet
10:30 - 11:10	Coffee Break
11:10 - 12:30	**Session 6. New Challenges and Opportunities in *Pichia*** Chair: Anita Emmerstorfer-Augustin
11:10 - 11:40	**Exploring *in vitro* glycosylation using one-pot cell-free glycoprotein synthesis with *Pichia pastoris*** Rochelle Aw University of Nottingham
11:40 - 12:00	ID 30. **Using Natural Language Processing and Large Language Models to Optimize Codon Usage for *Pichia* Expression** Tom Chappell BioGrammatics, Inc.
12:00 - 12:30	***Pichia* Unchained: Automation, Glycosylation, and Beyond** Karen M. Polizzi Imperial College London
12:30 - 13:00	Closing remarks & poster prizes

POSTERS

ID 3 / Panel 1

OPEN*Pichia* and Beyond: The open-access *Pichia* resource and VIB's tailored N-glycoprotein production
Katrien Claes
VIB-Ghent Univeristy

ID 4 / Panel 2

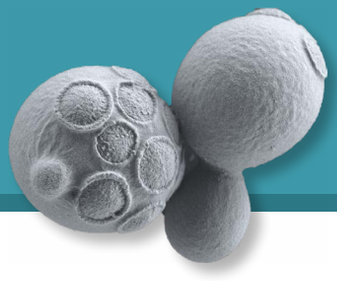
Utilization of *Pichia pastoris (Komagataella phaffii)* for the production of pharmaceutically-relevant biomolecules
Thomas Randolph Blanda
Merck & Co.

ID 11 / Panel 3

Development of a pipeline for the production of carbohydrate-active enzymes in *Pichia pastoris*
Mireille Haon
INRAE

ID 12 / Panel 4

The Sterol Regulatory Pathway in *K. phaffii:* A Functional SREBP System
Simon Arhar
Graz University of Technology



ID 13 / Panel 5
Harnessing promoters and terminators from diverse yeast species to expand the synthetic biology toolbox of *Komagataella phaffii*
Stanislav Juracka
Austrian Centre of Industrial Biotechnology (ACIB)

ID 14 / Panel 6
What´s in there? - Developing rapid and high-purity organelle isolation methods for advanced subcellular metabolomics in yeast
Vincent Kaltenbach
BOKU University

ID 17 / Panel 7
Novel *Komagataella phaffii* Platform for the Methanol-Free Production of Enzymes and Functional Proteins
Jan-Eike Domeyer
BRAIN Biotech

ID 20 / Panel 8
Secretory expression of bovine kappa-casein in *Pichia pastoris*
Laura Iaria
Wageningen University

ID 22 / Panel 9
How continuous control shapes kinetic stability and lipase production in *Pichia pastoris*
Fuentsanta Verdú
Bionet

ID 23 / Panel 10
Engineering transport of single carbon substrates over yeast membranes
Lara Kalogjera
BOKU University

ID 25 / Panel 12
Phytase secretion by *Komagataella phaffii*
Magdalena Merkas
Graz University of Technology

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Comparison of Feeding Strategies for Enhanced Glucose Oxidase Production in *Pichia pastoris* Using a Small-Scale Multi-Bioreactor System
Julia Schollmeyer
Technische Universität Berlin

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Sanofi-Aventis Deutschland GmbH

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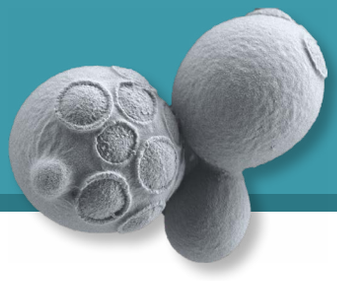
***Pichia* Gold™**
Knut Madden
BioGrammatics, Inc.

ID 33 / Panel 18
Develoment of a versatile microbial platform for rapid production and purification of VHH antibodies
Regine Freichels
Kaneka Eurogentec

ID 34 / Panel 19
Accelerating VHH Therapeutics Development: A Fast and Reliable VHH Development & Production Platform
Laurent Jost
Kaneka Eurogentec

ID 37 / Panel 20
Marker-Free Co-Production of Industrial Enzymes and Natural Pigments in *Komagataella phaffii*
Sarah Schmid
acib GmbH



ID 38 / Panel 21

Accelerating bioprocess scale-up through an ai-driven digital twin for *Komagataella phaffii* fermentations

Albert Algué Garriga
Universitat Autònoma de Barcelona

ID 39 / Panel 22

Functional analysis of monoclonal antibodies expressed in *P. pastoris* Glycoswitch®

Camilla Triscornia
Preclinics Italia srl

ID 41 / Panel 23

Redirecting methanol metabolism toward acetic acid production in *Pichia pastoris*

Clara Goldin
BOKU University

ID 42 / Panel 24

Stop the Reduction, Start the Production: Enhancing Vanillin Production in *K. phaffii* by Attenuating Detoxification Mechanisms

Stefanie Schmid
Graz University of Technology

ID 43 / Panel 25

RapidFire-Enabled Screening of *K. phaffii* expression strains

Sven Heimhilcher
bisy GmbH

ID 44 / Panel 26

Boosting Vanillin Production in *K. phaffii* via SAM Cycle Regeneration

Beate Berchtold
Graz University of Technology

ID46 / Panel 27

Casein production in *Pichia* yeast: Routes to overcome the hurdles

Alexander Van de Steen
Imperial College London

ID 47 / Panel 28

Engineering a GlycoDelete *Pichia pastoris* Platform for Affordable Production of Site Specific Conjugates

Bo Vercauteren
VIB-Ghent University

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Engineering of *Pichia pastoris* for Custom Glycoprotein Production

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Visualizing the ER of *Komagataella phaffii* by Fluorescence Microscopy

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BOKU University

ID 56 / Panel 31

Expression, Purification, and Proteolytic Processing of Recombinant Human Insulin from *Komagataella pastoris*

Vladislav Korolev
University of British Columbia

ID 57 / Panel 32
Stopping the Chop: Controlling Protease Activity in *K. phaffii*
Dorina Sebe
Graz University of Technology

ID 58 / Panel 33
Systematic comparison of promoters from the Ethanol Utilization Pathway of *Komagataella phaffii*
Dominic Goj
Graz University of Technology & Acib GmbH

ID 59 / Panel 34
Stabilized Aglycosylated Fc Variants Restore Complement Activation in VHH Fc Formats
Merve Arslan
VIB-Ghent University

ID 60 / Panel 35
Exploring the potential of the CAT1 promoter for methanol-free protein production in *Komagataella phaffii*
Guillem Lopez-Grado i Salinas
Universitat Autònoma de Barcelona

ID 61 / Panel 36
Functional characterization of the AMPK catalytic subunit in *Komagataella phaffii*
Asier González
Universitat Autònoma de Barcelona

ID 62 / Panel 37
Development of a Methanol-Free Inducible Expression System in *Pichia pastoris*
Lukas Schoenleitner
myBIOS GmbH

ID 64 / Panel 38
Secretion of yellow pigments into the culture media linked to a single gene disruption in *Komagataella phaffii*
Kirill Smirnov
Graz University of Technology

ID 65 / Panel 39
Evaluation of OPI1-Deficient *Komagataella phaffii* Variants as a Platform for Enhanced Secreted Protein Production
David Keßler
Graz University of Technology

ID 66 / Panel 40
Enabling fast feedback loops for protein designers through rapid progression from sequence to protein
Noah Sprent
Change Bio

ID 67 / Panel 41
Early Bioprocess Development using *Komagataella phaffil:* Application Scenarios for the microTOM Mini Bioreactor System
Schulte Andreas
Kuhner Shaker GmbH

ID 69 / Panel 42
Benefits of off-gas analysis - Using OUR and CER as parameters for reliable "Batch-End-Detection"
Matthias Wiltfang
BlueSens gas sensor GmbH

ID 70 / Panel 43
Fast track signal peptide engineering and screening for laccase production by *K. phaffii*
Vanessa Holzschuster
bisy GmbH

ID 71 / Panel 44
Methanol-free recombinant protein production strategies for *Komagataella phaffii*
Tanja Schleichert
bisy GmbH

ID 73 / Panel 45
Small change, big impact: RKM2 disruption in *Komagataella phaffii* markedly increases recombinant protein yields
Carsten Pichler
Graz University of Technology

ID 74 / Panel 46
Data-driven development of a nanobody bioproduction process
Vivien Bodnar
bisy GmbH

ID 75 / Panel 47
Media optimization for the production of recombinant proteins in continuous operation
Arnau Gasset
Universitat Autònoma de Barcelona

ID 77 / Panel 48
Recombinant Expression of Anti-HSA Nanobodies in *Komagataella phaffii*
Gina Liarte Castillo
Universitat Autònoma de Barcelona

ID 79 / Panel 49
Recombinant Bovine Casein Production with *Komagataella phaffii:* Toward Native-like Post-translational Modifications
Vanessa Veccari
RWTH Aachen University

ID 80 / Panel 50
From Episomal to Stable: MAD7-Mediated Genome Editing for Efficiency and Stable Protein Library Construction in *Pichia pastoris*
Andrea K. Hönikl
Graz University of Technology

ID 81 / Panel 51
Evaluation of Process Robustness and Scalability for Recombinant Unspecific Peroxygenase Production in *Pichia pastoris*
Miguel Angel Nieto Taype
bisy GmbH

ID 82 / Panel 52
ML-driven enzyme engineering in *P. pastoris* for enhanced thermal stability
Lynn Schwardmann
Aminoverse B.V.

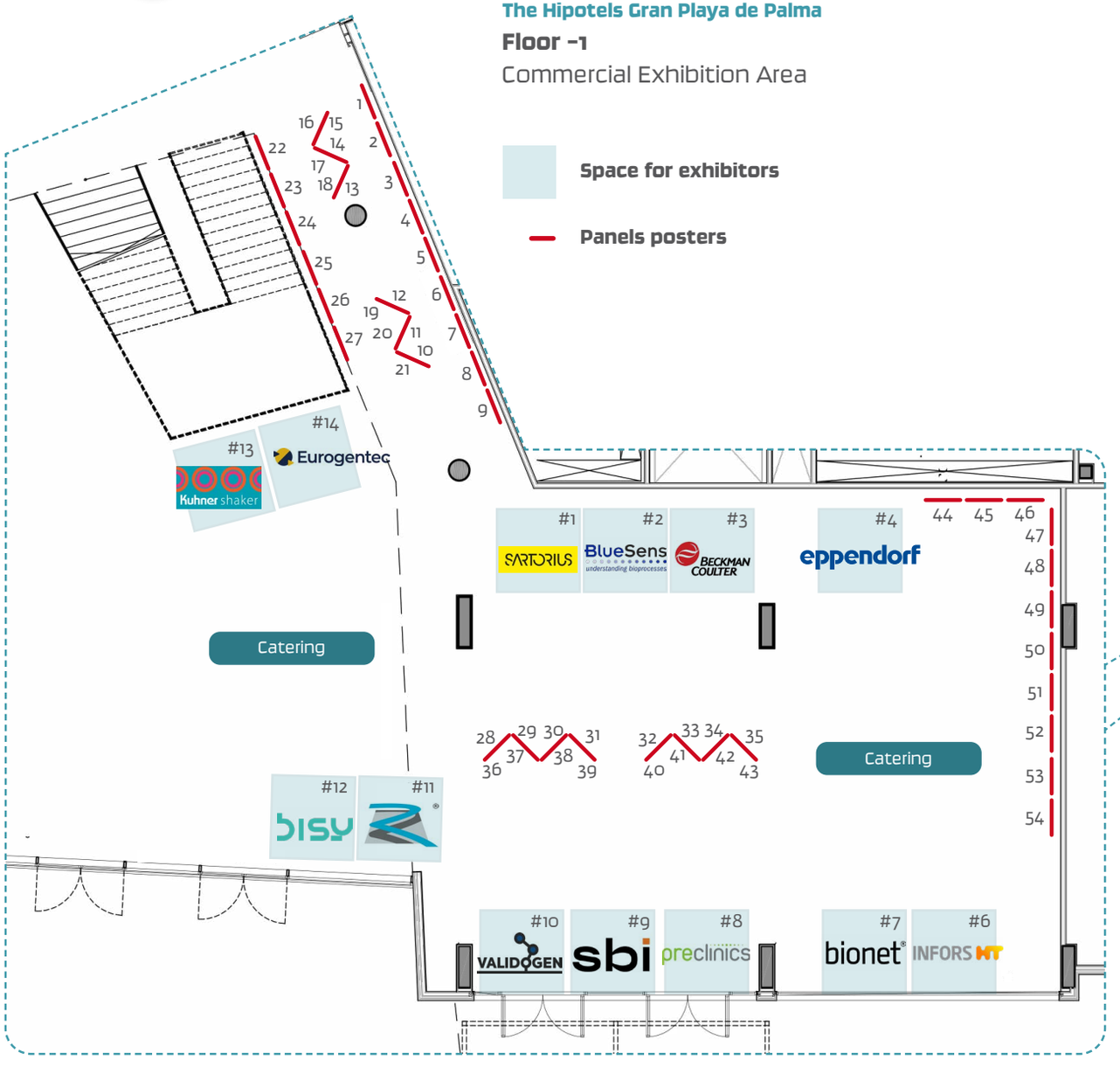
ID 83 / Panel 53
Cell harvesting and recombinant protein purification at industrial scale
Joana Campos
Tetra Pak Processing Equipment AB

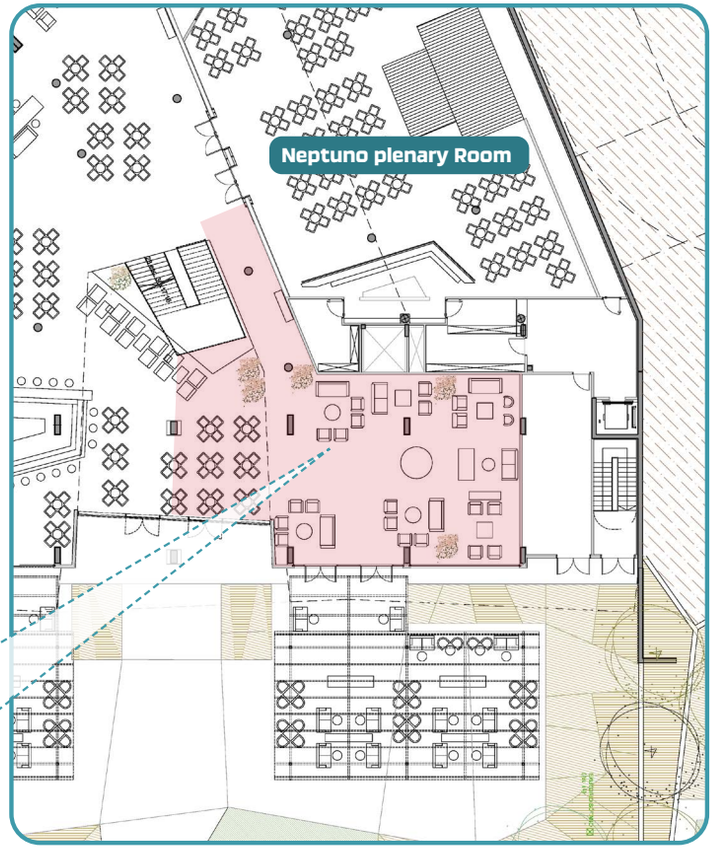
ID 84 / Panel 54
Yeast-Based Production of a Humanized Anti PD L1 Monoclonal Antibody Using the Pichia *pastoris* Expression System
Mehmet Inan
Izmir Biomedicine and Genome Center

The Hipotels Gran Playa de Palma

Floor -1

Commercial Exhibition Area





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