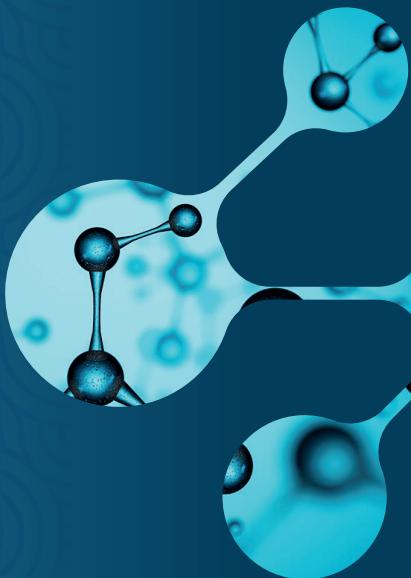


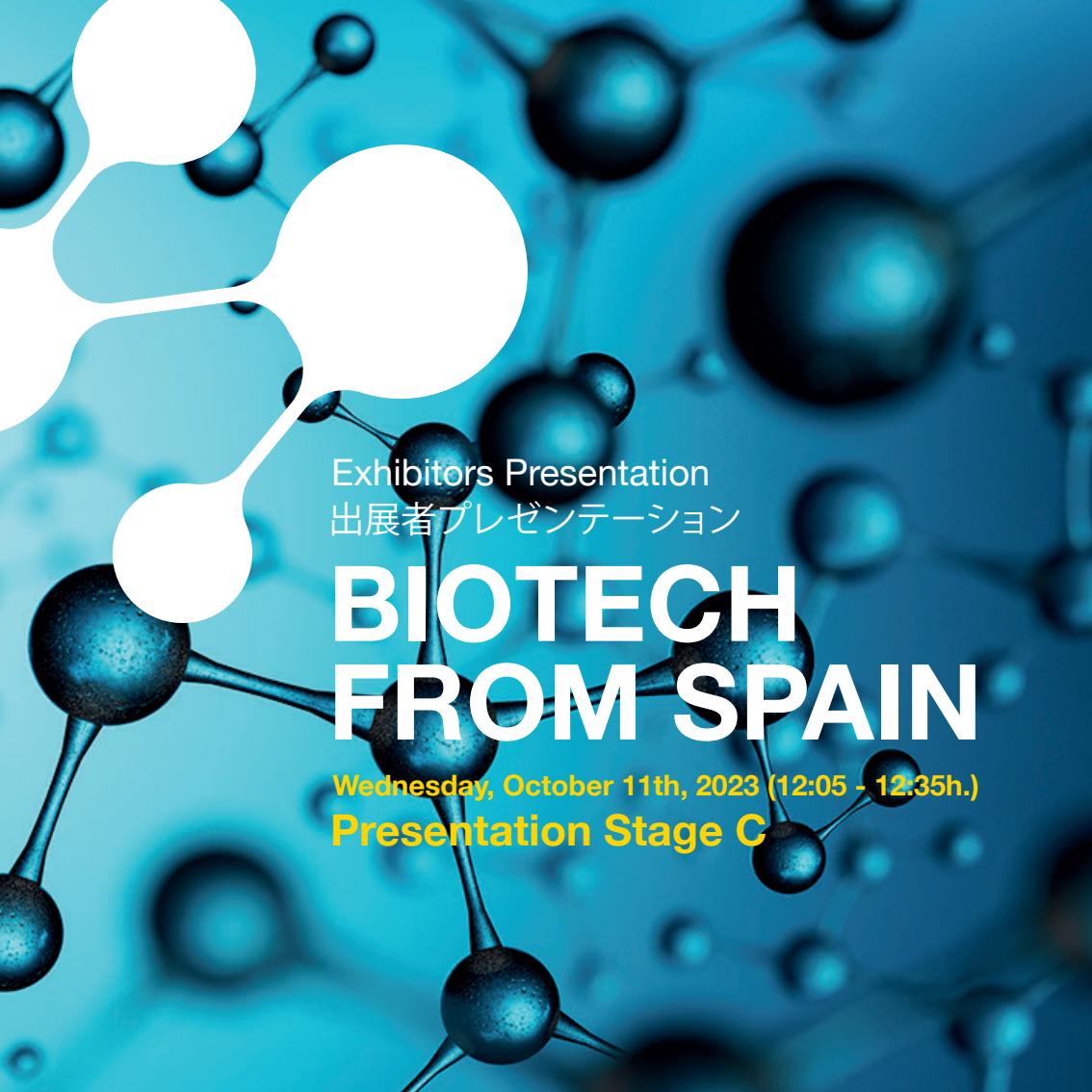


BIO JAPAN

Pacifico Yokohama
Yokohama, Japan

11-13
october 2023





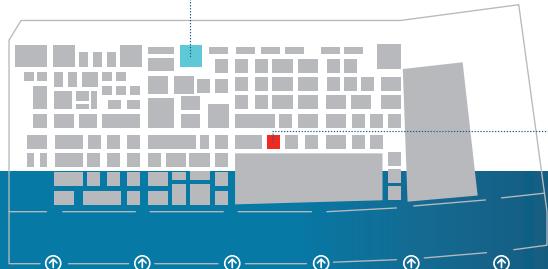
Exhibitors Presentation
出展者プレゼンテーション

BIOTECH FROM SPAIN

Wednesday, October 11th, 2023 (12:05 - 12:35h.)

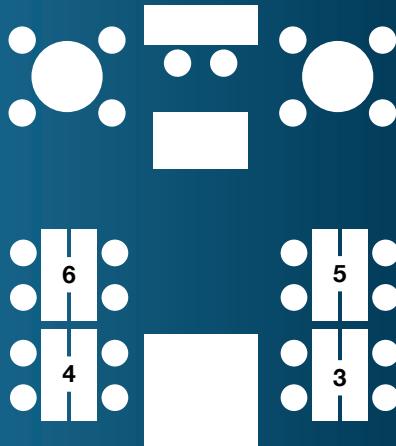
Presentation Stage C

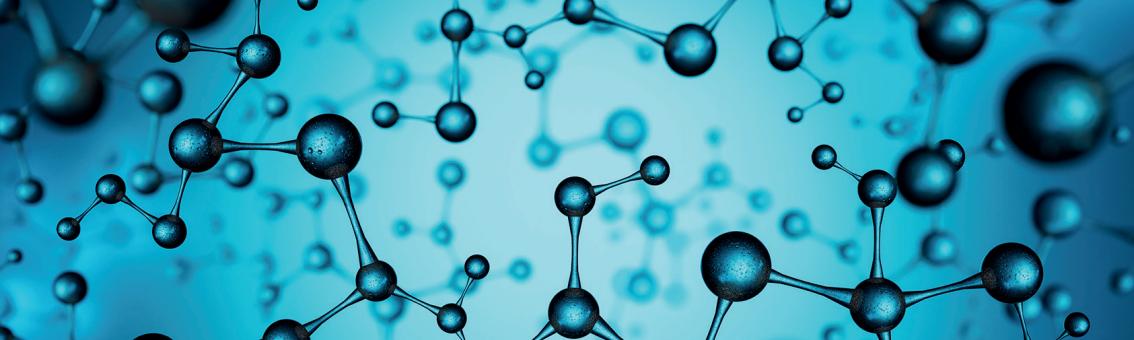
Presentation
Stage C



SPAIN PAVILION
C13

1. ASEBIO
2. CREB UPC | XARTEC SALUT
3. FUNDACION MEDINA
4. INVES BIOFARM
5. LEVPROT BIOSCIENCE
6. NOSTRUM BIODISCOVERY / BSC





SPAIN & BIO, A SUCCESSFUL COMBINATION

- Growing number of companies: **898** strictly biotech and **+ 4,000** bio-based (use) firms .
- **50%** of Spanish biotech firms are dedicated to human health and **39%** to agro-food.
- Generating economic growth: **13.000 M€** turnover, **1.1%** of Spanish GDP.
- Dynamic creation of highly qualified jobs: Over **118.000** people.
- Increasing private investment: **142 M€** in 2022.
- R&D investment leaders: **+ 1.000 M€**, 5% of total national investment.
- Spanish Biotech Pipelines: **+ 1,300** health, agri-food and industrial products in development.
- Strong leadership in the development of innovative drugs: Cancer, CNS, Genetic, Infectious and Autoimmune diseases, etc.

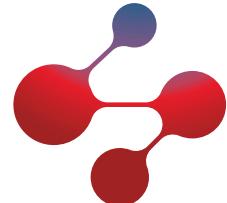
Companies & sectors

pag

ASEBIO

Spanish Bioindustry Association.

07



CREB UPC | XARTEC SALUT

Human Health (Diagnostic - Vaccinations), Human Health (Therapeutics), Laboratory and diagnostic services, E-health, Robotics.

08

FUNDACION MEDINA

Human Health (Therapeutics), Animal Health, Agrofood (agriculture, livestock, farming, food and forestry), Bioprocesses, biofuels, biomaterials, Cosmetics.

09

INVESBIOFARM

Human Health (Therapeutics), Cosmetics Biotechnology.

10

LEVPROT BIOSCIENCE

Human Health (Diagnostic - Vaccinations).

11

NOSTRUM BIODISCOVERY / BSC

Human Health (Diagnostic - Vaccinations), Human Health (Therapeutics), Animal Health.

12





Contacts BIOJAPAN 2023

スペインパビリオン主催者



ECONOMIC & COMMERCIAL OFFICE OF SPAIN - TOKIO

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**Chief marketing officer, Investment &
Industrial Cooperation
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EXHIBITING COMPANIES
BIOJAPAN 2023
共同出展者



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SPANISH BIOINDUSTRY ASSOCIATION

AseBio, the Spanish Bioindustry Association, brings together and represents the interests of companies, associations, foundations, universities and technology and research centres that work in the field of biotechnology in Spain.

We collaborate closely with regional, national and European governments, as well as with social organisations that are committed to science and the use of biotechnology to improve people's lives and promote environmental sustainability, economic development and high value-added employment.

AseBio(スペイン・バイオインダストリー協会)は、スペイン国内のバイオ分野で事業を取り組む企業・協会・財団・大学・研究技術センターを代表する団体。

協会では地域・国・欧州の政府や関連機関と密に連携しながら、科学とバイオ技術の利用により人々のより良い生活を目指し、環境サステナビリティ・経済発展・高付加価値型の雇用を促進しています。



www.asebio.com/en

Trademarks:

BIOSPAIN, GREEN INNOVATION FORUM.



Antonio Galicia Balboa
Promotion and Management
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CREB UPC | XARTEC SALUT



www.xartecsalut.com
www.creb.upc.edu

The Xartec Salut network, led by CREB UPC, is made up of 81 research groups that belong to 23 different institutions. It aims to be a catalyst for R+D+I in the field of HealthTech by:

1. Fostering the exchange of knowledge between research groups, institutions, hospitals and companies.
2. Promoting company creation and new career opportunities.
3. Offering more efficient instruments for technology transfer.

Xartec Salut provides technological services in different HealthTech areas through the groups that make up the network.



Xartec SalutはCREB UPC(カタルーニャ工科大学バイオ医療研究センター)を主体に、23団体81の研究グループにより構成されたネットワーク。ヘルステック分野における研究開発イノベーションの触媒となるべく、次の活動を行っています:

1. 研究グループ・機関・病院・企業間の知見交換の強化
2. 創業促進と新たな雇用機会の創出
3. 技術移転の為のより効果的なツールの提供

Xartec Salutではヘルステックの様々な領域において、ネットワークを構成するグループを通じ技術サービスを提供しています。

Trademarks:

XARTEC SALUT.



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Scientific Director
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FUNDACIÓN MEDINA



www.medinadiscovery.com

Internationally recognized leader in drug discovery from natural products (NPs) proposing: 1) new NPs discovery from one of the world's most diverse microbial collections (190K strains) to mine new genes and unique enzymes; 2) unique NPs libraries (200K extracts) to discover neglected and novel scaffolds unknown in synthetic libraries; 3) State-of-the-art HT screening platform; 4) Extensive expertise in NP's chemistry and analytics (e.g. compound isolation and structural elucidation, chemical characterization of extracts,...); 5) early preclinical safety evaluation of new leads.

Fundación Medinaは天然物を用いた世界的創薬探索機関で、下記事業をご提案しています：

1. 新規天然物の探索。19万株超のコレクションから新規遺伝子やユニークな酵素を同定
2. 天然物ライブラリ。20万のサンプルから新規足場をリサーチ
3. 最先端のHTスクリーニングプラットフォーム
4. 天然物化学・解析の豊富な知見(化合物の分離・構造解明、抽出物の化学的特性評価等)
5. 早期前臨床における新規リード化合物の安全性評価





INVESBIOFARM

The aim of INVES BIOFARM is to research dermatological diseases. Our finished products are manufactured under sterile conditions in ISO 5 & 7 rooms. We work under ISO 13485, 22716 and 9001 standards.

1. Biotechnological application patent extendable to more proteins.
2. Biotechnological ingredient for dermatological application.
3. We have granted protein stabilization patents in Japan, USA, Mexico, Colombia, Panama and Russia
4. As a result of the patent we developed the following dermatological products: Atopic Dermatitis, Wounds, Acne, Gynecology, Healings, Burns, Whitening
5. Cosmetic line for home and professional treatment. Class III hyaluronic acid injectable medical devices.



www.invesbiofarm.com/en
www.inveskin.com

皮膚科疾患の研究に取り組むINVES BIOFARM社では、最終製品を無菌状態・ISOクラス5&7のクリーンルームにて製造しており、またISO13485・22716・9001に準拠して活動をしています。

1. 他のタンパク質に拡大可能なバイオ特許
2. 皮膚科分野向けバイオ原料
3. タンパク質安定化の特許(日本・米国・メキシコ・コロンビア・パナマ・ロシア)
4. 特許取得により開発した皮膚科製品:アトピー性皮膚炎、創傷、痤瘡、婦人科、火傷、ホワイトニング
5. 個人・プロ向けコスメ製品。クラスIII医療機器のヒアルロン酸注射

Trademarks:

INVESKIN, WIOTECH.



LEVPROT BIOSCIENCE

www.levprot.com

Levprot provides high-quality recombinant proteins and enzymes produced using innovative yeast cell-based technology. Our products are 100% prokaryotic DNA-free and animal-free, making them ideal for the IVD and biopharma industries. We produce raw materials for techniques from qPCR and rapid tests to NGS, CLIA, and blocking buffer solutions. With our dedication to sustainability, you can rely on us to deliver innovative, robust and environmentally friendly solutions for your raw material needs.

Levprot社では最新の酵母細胞技術を利用した高品質の組み換えタンパク質及び酵素を提供しています。取扱製品は100%原核DNA・動物フリーの為、IVDやバイオ医薬品産業での利用に適しており、qPCR・迅速テストや次世代シークエンシング、CLIA、プロッキングバッファソリューション向けの原料を製造しています。

サステナビリティへの取組の下、顧客の原料ニーズに応える革新的で安定性のある環境配慮型のソリューションをお届けします。





Ali Hosseini
Director of Business Development

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NOSTRUM BIODISCOVERY / BSC

NBD is a company with three areas of focus: Drug Discovery, Protein Engineering and Nucleic Acids. In particular, we have developed strong (international-level) expertise in early-stage small molecules Drug Discovery, ADMET, Protein/Enzyme Engineering, in-silico Directed Evolution, Nucleic Acids, mRNA, Peptides, GPCRs, TPD, Oligonucleotides, and Vaccines. We provide customer-tailored solutions based on our state-of-the-art proprietary combined with the latest development on AI. We use best in-class Molecular Modelling for data augmentation and fine-tuning of dedicated machine-learning algorithms.



www.nostrumbiodiscovery.com

NBD社では創薬・プロテインエンジニアリング・核酸の三領域に注力しており、特に次の分野で国際レベルのノウハウをしています：早期段階の低分子創薬、ADMET特性、プロテイン・酵素エンジニアリング、in-silico指向性進化法、核酸、mRNA、ペプチド、GPCR、標的タンパク質分解TPD、オリゴヌクレオチド、ワクチン

同社では独自の最新技術とAIを組み合わせ、データマイドのソリューションの提供が可能です。最高品質の分子シミュレーションを用いたデータ拡張と、専用の機械学習アルゴリズムのファインチューニングを行っています。





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