



INNOVATIVE MULTIDISCIPLINARY DRUG DEVELOPMENT

Currently focused on the Central nervous system (CNS)
and Immune Modulation for unmet medical needs

June 2024
Company Presentation

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Clinical-Stage, Revenue Generating Biopharmaceutical Company committed to provide accessible medical treatments for unmet medical needs

We leverage nanotechnology and multidisciplinary drug development strategies to create multi-target therapies, focusing on central nervous system (“CNS”) disorders and immune modulation.

Revenues Generating

Clinical stage biotechnology Company with **two** lead Phase 2 Investigational Medicinal Products (IMP) , introduced to market through early patient access schemes in the UK, USA, Europe, and Australia.

Integrated R&D and IMP Facilities

European research hub serving as an innovation center, nurturing new ideas into medical treatments and supporting the drug development lifecycle from concept to commercial launch.

To date, **over £30m has been invested** in Argent’s research program.

Leveraging Real-World Data

Provision of treatments through early access schemes, yielding real-world data on safety and efficacy, supporting clinical trials.

Manufacturing Sites

Two EU GMP certified operational sites

:

1. Produces medicinal products for clinical trials and early patient access schemes.
2. Fully commercial manufacturing facility for large-scale production of approved drugs, adhering to EU GMP and GDP guidelines.

Highly Experienced Argent BioPharma Management Team

Qualified team with versatile industry experience and expertise



Roby Zomer
Managing Director



Over 10 years of experience in the BioTech and AgroTech sectors alongside running large scale projects, bringing his extensive business contacts, scientific and engineering.



Yifat Steuer
Chief Operating Officer



A well-versed C-level with more than 20 years of experience specialise in scale up build to grow and build to sell. A chartered accountant with Deloitte.



Igor Bluvstein
Chief Financial Officer



Over 16 years of CFO roles and financial leadership. An extensive experience in NASDAQ, LSE, AIM listed companies. A chartered accountant with E&Y.



Amir Polak
Chief Pharmaceutical
Development Officer



Over 20 years of experience in the pharma / Chemical industry, managing R&D work streams from concept to production. Amir holds an MSC in organic chemistry.



Sabina Suljaković
Chief Quality and
Commercial Officer



An EU-registered Qualified Person, Responsible Person, and a Pharmacist, who brings over 10 years of experience in the pharmaceutical quality, manufacturing, and regulatory fields.



Yair Tal
Chief Information
Security Officer



Over 10 years of experience in security management, data protection, and physical cyber security, from the company's facilities to its online operations and most significantly, patient data.



Key Products

CannEpi[®]

Refractory
Epilepsy

Revenue Generating Refractory Epilepsy Seizure Control

- Approximately 30% of generalized seizure epilepsy patients have Refractory Epilepsy aka “Drug-Resistant Epilepsy” (DRE)¹
- CannEpi[®] is now available to patients in the UK by **Named Patient Request**, to be prescribed by clinicians in the UK who are listed on the **GMC Specialist Register**.
- CannEpi[®] accepted by the Irish Health Product Regulatory Authority (HPRA) and obtaining **full health insurance coverage** by LTI or GMS scheme.
- The first UK patient has access to CannEpi[®] through the NHS **RESCAS** pathway and “**I am Billy Foundation**”
- Accepted by first European country and fully covered under the Primary Care Reimbursement Service²
- Results of Preclinical and Clinical program to date shows:
 - Positive safety assessments
 - Safety study completed — CannEpi[®] was found to be safe for post-treatment driving activities³
 - Positive results for a head-to-head clinical study on 100 patients comparing CannEpi[®] to a CBD only formulation⁴



Epilepsy Therapeutics
Worldwide Market £15B⁵
by 2030

1. Fattorusso A, et al. (2021) The Pharmacoresistant Epilepsy: An Overview on Existent and New Emerging Therapies. Front. Neurol. <https://www2.hse.ie/services/schemes-allowances/medical-cannabis-products-reimbursement-scheme/> ASK
 2. Date on file – CannEpi Driving Performance
 3. Date on file – CannEpi vs. MXP100 study
 4. <https://www.biospace.com/article/epilepsy-therapeutics-market-worth-15-1-bn-by-2030-at-a-cagr-of-4-5-percent/>

CannEpi[®] Refractory Epilepsy

Market Potential

Worldwide Patients with DRE **15M**

UK Potential Patients with DRE **150K**

CannEpi Treatment Estimate, Per Patient Per Annum **£7,000³**

Key Points

- There are 50¹ million epilepsy sufferers of which 6.21 million in Europe and the UK
- Approximately 30% of generalized seizure epilepsy patients have Refractory Epilepsy aka “Drug-Resistant Epilepsy” (DRE)²
- CannEpi[®] already sold in the UK, Ireland and Australia
- CannEpi[®] commercial strategy is a combination of 3rd party distribution supported by in-house Medical Scientific Liaison
- Key wholesaler partners in the UK and Europe: PCCA and Medicinal

Forwards Looking (2024–25)

- Continuing the work with the ‘I am Billy’ Foundation and the pathway to NHS RESCAS for Paediatric Refractory Epilepsy
- Dedicated Neurology and Paediatrician collaboration with the European Paediatric Neurology Society⁴ in-house
- Initiate CannEpi[®] IND submission to the US FDA



1. <https://www.who.int/news-room/fact-sheets/detail/epilepsy> Fattorusso A, et al. (2021) The Pharmacoresistant Epilepsy
2. Overview on Existant and New Emerging Therapies. Front. Neurol. 12:674483.
3. Alacrita Report 2019
4. <http://dpnsee.org/2019/01/22/treatment-with-medicines-derived-from-cannabis/>

Revenue Generating Immunomodulation Treatment for Acute Lung Injury ('ALI') and Acute Respiratory Distress Syndrome ('ARDS')

CimetrA® has now been listed under the ArtemiC™ label as an over-the-counter (OTC) unlicensed drug non-prescription in the USA, following the listing on the FDA National Drug Code Database (NDC).

CimetrA® delivered 50,000 units to the USA market (Under Special Access)

Results of Preclinical and Clinical program, meeting FDA guidelines, to date:

- Demonstrated suppression of cytokine storm in COVID-19 patients in Clinical Trials¹
- Demonstrated reduction in C-reactive protein (CRP), a major inflammatory marker in COVID-19².
- The biological markers in the blood tests support the claim of a reduction of inflammation and enterohepatic involvement, as well as liver reactant proteins¹.
- Preclinical study in both rodent (rats, mice) and non-rodent (swine) confirming safety profile, with no formulation-related toxicity detected³.
- Preclinical studies elucidating its mechanism of action particularly its efficacy in downregulating cytokine responses upon immune stimulation in human peripheral blood mononuclear cells (PBMCs)¹
- Effective blocking of the IL-32mRNA expression¹, the pro-inflammatory cytokine related to Autoimmune diseases, lupus, rheumatoid arthritis, inflammatory bowel disease, asthma, and chronic obstructive pulmonary disease¹



Worldwide Market
ALI & ARDS
£7.3B ^{4 5}
By c.2030

1. Data on file – CimetrA in-vitro study
2. Data on file – Interim results – CimetrA Dose Finding Study
3. Data on file – CimetrA pre-clinical study
4. ARDS <https://www.mordorintelligence.com/industry-reports/acute-respiratory-distress-syndrome-treatment-market>
5. Acute Lung Injury <https://www.transparencymarketresearch.com/acute-lung-injury-treatment-market.html#:~:text=The%20global%20market%20was%20valued%20at%20US%24%203.0%20Bn%20in%202021.>

CimetrA®

Acute Lung Injury and ARDS

Market Potential

Cases of severe illness of influenza worldwide¹ **3–5M** per annum Respiratory deaths¹ **290–650K** per annum

Potentially, CimetrA® can be used to treat **inflammatory** conditions with **£100B²** total addressable market

Key Points

- Sales strategy is to license and distribute through 3rd party distribution supported by in-house Medical Scientific Liaison
- Key wholesaler partners in the USA and MENA — AMC
- Initiate CimetrA® IND submission to the US FDA

Forwards Looking (2024–25)

CimetrA® IND submission to the US FDA



1. [https://www.who.int/news-room/fact-sheets/detail/influenza-\(seasonal\)](https://www.who.int/news-room/fact-sheets/detail/influenza-(seasonal))

2. <https://www.precedenceresearch.com/anti-inflammatory-therapeutics-market>

CogniCann®

Dementia
and Alzheimer's

Dementia and Alzheimer's

Designed as a treatment for the symptoms associated with Dementia and Alzheimer's

The safety and efficacy were assessed in a Phase II study in Australia

Patients in the Placebo group experienced a deterioration in their condition, compared with the stable neuropsychiatric profile of those patients in the treatment group with CogniCann®

Patients' aggressive behavior improved by 13%, compared with the Placebo Group, which improved by 4%

This important finding indicates not only improvement in the health status of the patients but also the improved quality of life of the families and caregivers taking care of dementia patients



Oromucosal Spray Pharmaceutical Dosage Form

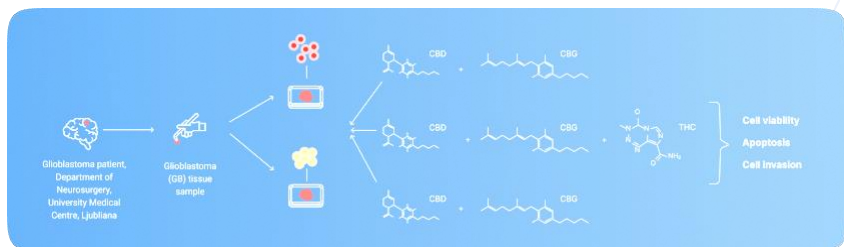
IrniCan® Glioblastoma

Glioblastoma

The Glioblastoma pre-clinical research, conducted between 2019-2022

The study demonstrated that IrniCan® was cytotoxic to Glioblastoma tumor and stem cells, reducing the cells' viability and inducing caspase-dependent cell apoptosis (or cell death).

Argent Pharma is planning to undertake additional research to further demonstrate the formulation's efficacy as a treatment for Glioblastoma.



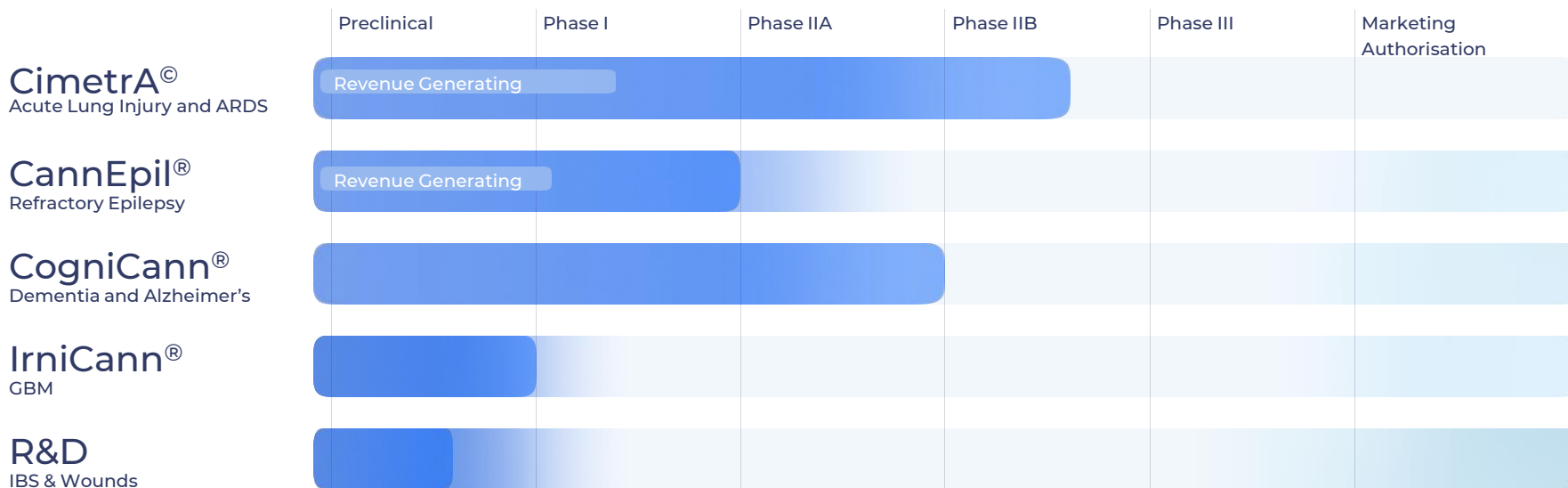
1. Lah, T. . et al. The Cytotoxic Effects of Cannabidiol and Cannabigerol on Glioblastoma Stem Cells May Mostly Involve GPR55 and TRPV1 Signalling. *Cancers* 2022, 14, 5918T



Tablets Pharmaceutical Dosage Form

Research and Development Product Pipeline

US FDA & EMA registration





R&D Centres and Manufacturing Capabilities

R&D Centers and Manufacturing Capabilities

Integrated research hub

- Support the company's current and future R&D activities
- Currently manages and runs clinical trials both in-house* and with third-party CROs
- Opportunity for third party revenue generation

Fully built GMP pharma standard manufacturing facility

- Two, high-quality, European production facilities to manufacture and distribute Argent's proprietary IMP products CannEpil[®], CimetrA[®], and CogniCann[®]
- Slovenia production facility EU-GMP since 2018, Malta production facility EU-GMP since 2023
- 80% government-funded Malta production facility was EU-GMP certification in April 2023
- Support the company's current and future manufacturing activities

*In accordance with the European Medicines Agency, Federal Drug Administration, ICH Good Clinical Practice, and Israeli health regulations





**Addresses unmet
medical needs**