

mgc pharma



**Developing innovative medicines for under-treated
medical conditions**

February 2023

MGC Pharma is developing innovative medicines for under-treated medical conditions

“Our vision is to have a global impact on under-treated medical conditions and diseases.

Wielding the power of plant-inspired medicines in novel combinations by using innovative medical technologies to harness knowledge and science towards achieving our “Nature to Medicine” strategy and creating the next-generation of medications.”

Roby Zomer
Co-Founder, Director & CEO

Established pharma platform

- ❖ Plant-inspired ingredients and pharmaceutical formulations
- ❖ Advanced clinical programs with innovative formulations
- ❖ Core drug development in progress with a strong R&D pipeline
- ❖ Integrated global research hub
- ❖ Experienced corporate and pharmaceutical team
- ❖ Malta GMP standard manufacturing facility
- ❖ ESG focussed corporate culture

Invested in a highly qualified team focused on moving products through clinical trials



Roby Zomer
Managing Director &
CEO



Brett Mitchell
Non-Executive
Chairman



Yifat Steuer
Chief Operational
Officer



Tom Cairns
Chief Accounting
Officer



Robert Clements
Chief Commercial
Officer



Itay Nissim
Chief Manufacturing
and Supply Chain
Officer



Dr. Nadya Lisodover
Chief Medical Officer



Amir Polak
Chief Pharmaceutical
Development Officer



MGC Pharma is a pharmaceutical company, accelerating medicine for clinical trial

- ❖ Robust development pipeline targeting widespread medical conditions, **focusing on Cimetra[®] and CannEpil[®]** (in the short term)
- ❖ Develop and supply high-quality, plant-inspired medicines for the medical markets globally
- ❖ **Growing patient base** in Australia, the UK, Brazil and Ireland and a global distribution footprint via an extensive network of commercial partners
- ❖ **Partnerships established** with renowned institutions and academia to optimise the development of targeted plant-inspired medicines
- ❖ **EU-GMP certified** manufacturing facilities

2022 achievements

During the past 24 months the Company refocussed into a pharmaceutical business

Drug development

- ❖ 2 core drugs in clinical development
 - ❖ **CimetrA™**
 - ❖ **CannEpil®**
- ❖ 5 further drugs in development pipeline
- ❖ Completion of two successful Phase II studies on **CogniCann®** and **CimetrA™**

Strategic development

- ❖ **CannEpil® approved by the Irish Medical Cannabis Products Reimbursement Scheme (MCPRS)** and obtaining full health insurance converge
- ❖ Establishment of long term '**early access**' **supply agreement** with our partner 'Sciensus Rare' (EU, UK and MENA) for **CannEpil®**
- ❖ **Construction completed** of two pharma-grade production sites (Malta and Slovenia)
- ❖ **Cost rationalisation** program completed and implemented

Research and manufacturing

Integrated research hub

- ❖ Currently manages and runs all clinical trials in-house*
- ❖ Israeli CRO ('MediCaNL') delivers significant cost savings to the Company compared to third party services
- ❖ Opportunity for third party revenue generation



Fully built GMP pharma standard manufacturing facility

- ❖ Two, high-quality, European production facilities to manufacture and distribute MGC's proprietary IMP products **CimetrA™**, **CannEpil®**, and **CogniCann®**
- ❖ Slovenia production facility EU-GMP since 2018
- ❖ Malta production facility EU-GMP certification in early 2023



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

Looking ahead (2023- 2024)

Key strategic milestones

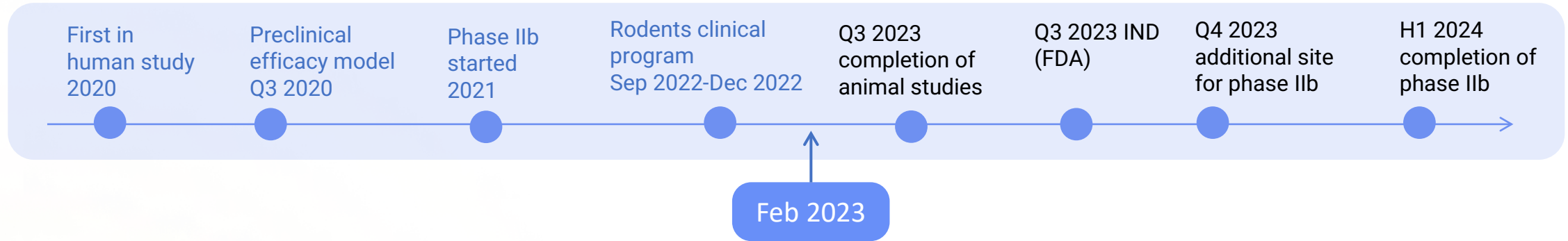
- ❖ Completion of large animal study for **CimetrA™**
- ❖ **CimetrA™** IND submission to the US FDA
- ❖ Ramp up of **CannEpil®** 'early access' program with Sciensus Rare
- ❖ Progress on **CannEpil®** Phase IIb
- ❖ Commissioning and GMP approval of Maltese **CimetrA™** and **CannEpil®** facility



MGC Pharma drug development programme

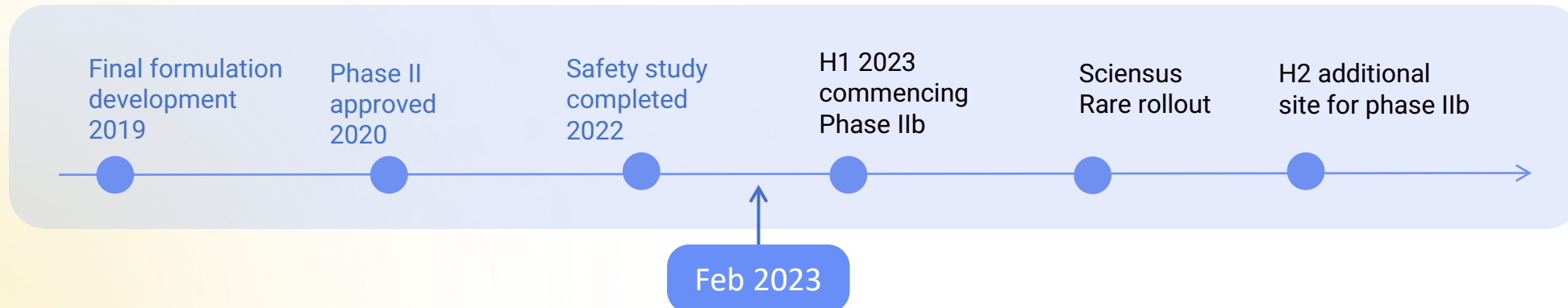
Cimetra™

Development progression



CannEpil®

Development progression



Flagship Product – COVID-19 and anti-inflammatory

CimetrA™

- ❖ IMP based on two active ingredients:
 - ❖ Dry extracts of Curcuma longa and Boswellia serrata
- ❖ Delivered via nanoparticle suspension
- ❖ **Results:**
 - ❖ Demonstrated **suppression of cytokine storm** in COVID-19 patients¹
 - ❖ None of the treatment group patients in the on-going study have required additional oxygen, mechanical ventilation, or admission to intensive care²
 - ❖ Pre-clinical in-vitro study indicates **wide-ranging application as an anti-inflammatory treatment** through the modulation of the production of pro-inflammatory cytokines¹
 - ❖ Effective blocking of the IL-32mRNA expression¹, the pro-inflammatory cytokine related to **rheumatoid arthritis, inflammatory bowel disease, asthma, psoriasis, and chronic obstructive pulmonary disease**
- ❖ **IP protected** (IP Number – SIPO 26055)

* Developed from our food supplement ArtemiC®.

1. ASX Announcement 27/6/2022
2. ASX Announcement 15/12/2020
3. <https://www.researchandmarkets.com/reports/5733923/coronavirus-covid-19-current-therapy-global>

Phase IIb and Phase III



Total Addressable Market £13.6bn⁴

Flagship Product – Refractory Epilepsy

CannEpil®

- ❖ IMP based on two active ingredients:
 - ❖ Cannabidiol and Delta-9-Tetrahydrocannabinol
- ❖ Approximately **25% of patients** have Refractory Epilepsy aka “Drug-Resistant Epilepsy” (DRE)¹
- ❖ Delivered by oral mucosal solution
- ❖ **Fully covered under Ireland's Primary Care Reimbursement Service** via special access program²
 - ❖ Real-world data and early regulatory approval (150 patients under early access)
- ❖ **Results:**
 - ❖ Shows positive safety assessments
 - ❖ Safety study completed - **CannEpil®** was found to be safe for post-treatment driving activities³
- ❖ **IP protected** (IP Number – SIPO 26056)

1. Fattorusso A, et al. (2021) The Pharmacoresistant Epilepsy: An Overview on Existant and New Emerging Therapies. Front. Neurol. 12:674483.
2. <https://www2.hse.ie/services/schemes-allowances/medical-cannabis-products-reimbursement-scheme/>
3. ASX Announcement 15/8/22
4. [https://www.biospace.com/article/epilepsy-therapeutics-market-worth-15-1-bn-by-2030-at-a-cagr-of-4-5-percent-/](https://www.biospace.com/article/epilepsy-therapeutics-market-worth-15-1-bn-by-2030-at-a-cagr-of-4-5-percent/)

Phase IIb



Total Addressable Market £12.5bn⁴

CannEpil[®] market potential

There are 65 million epilepsy sufferers worldwide, of which 3.4m in the US and 6.2m in Europe including UK

Refractory Epilepsy accounts for c.16m sufferers worldwide (approx. 25% of total epilepsy patients)



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