

# mgc pharma

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**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<sup>®</sup> and CannEpil<sup>®</sup>** (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

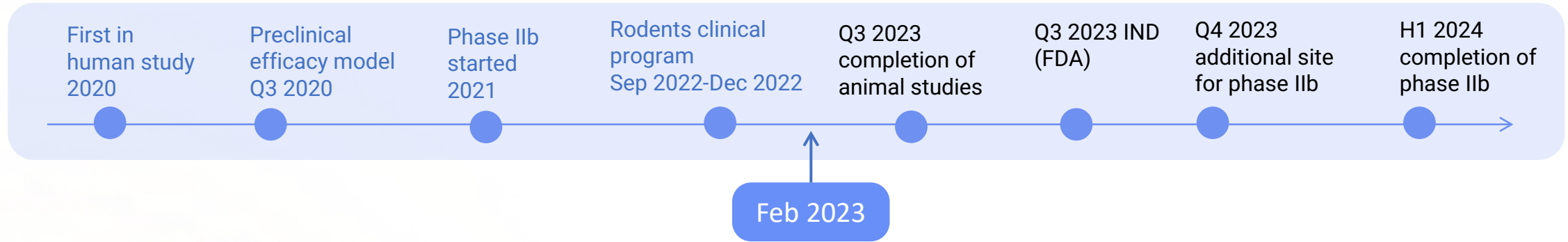
- ❖ Completion of large animal study for **CimetrA™**
- ❖ **CimetrA™** IND submission to the US FDA
- ❖ Ramp up of **CannEpil®** 'early access' program with Sciensus Rare
- ❖ Progress on **CannEpil®** Phase IIb
- ❖ Commissioning and GMP approval of Maltese **CimetrA™** and **CannEpil®** facility



# MGC Pharma drug development programme

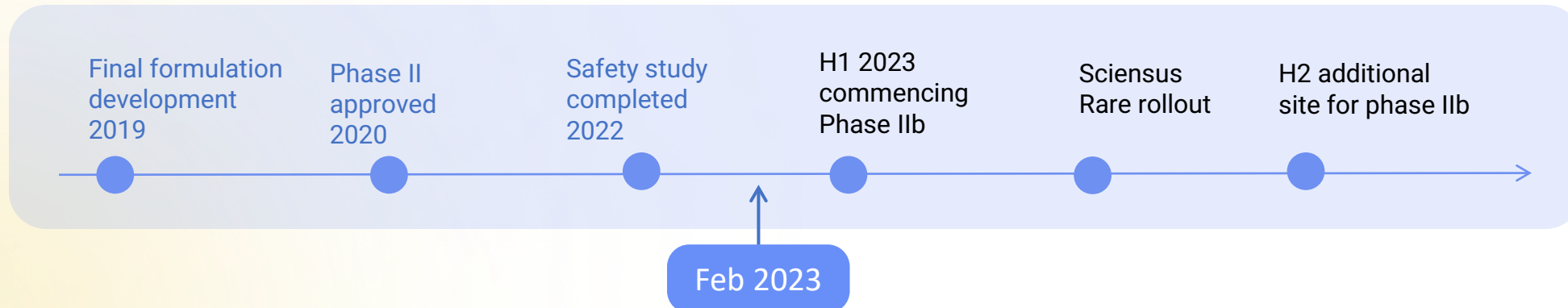
## Cimetra™

### 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 patients<sup>1</sup>
  - ❖ None of the treatment group patients in the on-going study have required additional oxygen, mechanical ventilation, or admission to intensive care<sup>2</sup>
  - ❖ Pre-clinical in-vitro study indicates **wide-ranging application as an anti-inflammatory treatment** through the modulation of the production of pro-inflammatory cytokines<sup>1</sup>
  - ❖ Effective blocking of the IL-32mRNA expression<sup>1</sup>, 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 £13.6bn<sup>4</sup>

# 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)<sup>1</sup>
- ❖ Delivered by oral mucosal solution
- ❖ **Fully covered under Ireland's Primary Care Reimbursement Service** via special access program<sup>2</sup>
  - ❖ 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 activities<sup>3</sup>
- ❖ **IP protected** (IP Number – SIPO 26056)

1. Fattorusso A, et al. (2021) The Pharmacoresistant Epilepsy: An Overview on Existing 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 £12.5bn<sup>4</sup>

# CannEpil<sup>®</sup> 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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