



Cannabinoid Pharmaceuticals for Chronic Inflammatory Pain Conditions

AQSE : ANA | EIS and VCT approved

Jeremy Sturgess-Smith

jss@anandadevelopments.com | 0746 368 6497



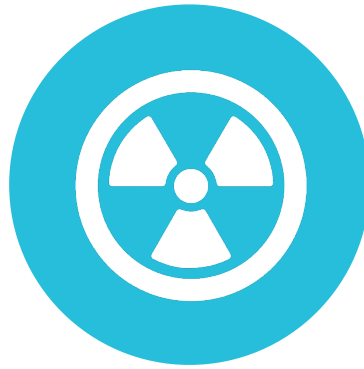
Complex, chronic inflammatory **pain conditions**

Chronic pain is one of the greatest unmet needs in healthcare

Current treatments for these conditions are **inadequate, costly or non-existent**



Lack of effective /
efficacious treatments



Adverse side-effects, quality of
life impacts, addiction



Extremely costly

The opportunity for cannabinoid medicines

The global anti-inflammatory drugs market is projected to reach **USD 118.4 billion by 2027**

	UK	US
Prevalence of chronic pain	~28 million chronic pain sufferers (35.0 – 51.3% of population) ¹	~50 million chronic pain sufferers ²
Huge cost of chronic pain	~£5bn a year being spent by NHS on Musculoskeletal pain ³ alone	~\$635 billion per annum total economic cost ⁴
Reduce opioid use	In 2022 the UK had the highest per capita rate of prescription opioid use for pain management in the world ⁵	~11 million adults with chronic pain using prescription opioids ⁶ Two-decade opioid crisis
Improved patient outcomes	Current treatments for chronic pain conditions are expensive, ineffective or come with unpleasant side-effects	



"We look for the intersection between that which we think could be possible and that which will make a difference in the world."

Regina Dugan, CEO, Wellcome Leap

1. 'Prevalence of Chronic Pain', 2016.
2. 'Chronic Pain Among Adults – United States, 2019-2021', 2023.
3. 'Musculoskeletal Health: A 5-year Strategic Framework for Prevention Across the Lifecourse', 2019.
4. 'The economic costs of pain in the United States', 2012.
5. 'UK is highest per capita consumer of opioids globally', 2021.
6. 'Prescription Opioid Use Among Adults With Chronic Pain: United States, 2019', 2021.

Ananda is addressing the **opportunity**

- ✓ Our model is applying our unique CBD formulations to complex inflammatory indications with significant unmet needs where there is evidence for, or we believe there is potential for, CBD to be effective and to commission trials with university partners (at least in the first instance & as a way of reducing Ananda's required investment) before leveraging the IP from these trials into either regulatory approvals or larger, pivotal trials where required
- ✓ This has commenced with the development of **NHS approved** and **MHRA licensed cannabinoid** medicines for the treatment of specific inflammatory pain conditions, starting with CIPN (chemotherapy induced peripheral neuropathy) & endometriosis

NHS Approved & MHRA Licensed cannabinoid medicines

- 4 proprietary MRX cannabinoid formulations and a formulation method have been developed
- 5 patents pending
- Building a pipeline of RCTs starting with CIPN and endometriosis
- The ultimate objective is Licensed MRX cannabinoid medicines available on the NHS



THC free where required

meeting the specific calls for evidence from NICE and addressing regulator and specialist concerns about THC



Pharmaceutical grade

suitable for clinical trials and prescription as a medicine



Standardised

exactly the same from dose to dose





EU GMP and GDP compliant

using licensed manufacturers and suppliers

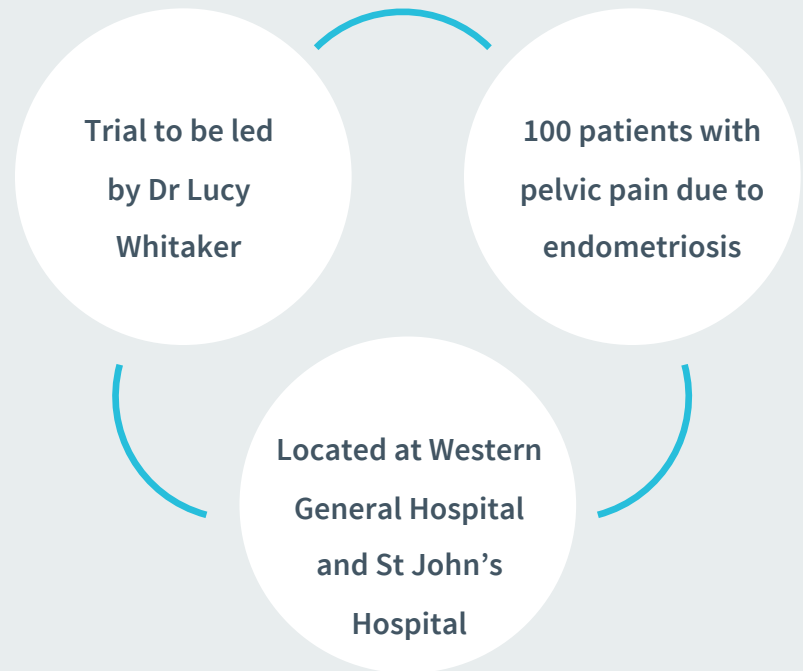
Clinical Trial Pipeline

Targeting Phase II and Phase III randomised controlled trials

Condition Product	Phase I	Phase II	Phase III	Commercial Development
CIPN MRX1 CBD		✓		
Endometriosis MRX1 CBD		✓		
Further inflammatory pain conditions				

Phase II RCT using MRX1 for endometriosis

£300K NON-DILUTIVE THIRD-PARTY FUNDING COMMITTED from Chief Scientist's Office, NHS Scotland



Pilot RCT of the efficacy of MRX1 cannabidiol oral tincture in the management of endometriosis associated pain.

Dr Lucy Whitaker – Clinical lecturer in Obstetrics in Gynaecology, The MRC Center for Reproductive Health, The University of Edinburgh.

Prof Andrew Horne – Honorary consultant Gynecologist, co-director EXPECT Centre for Pelvic Pain and Endometriosis. Fellow of Royal Society of Edinburgh. MRC Centre for Reproductive Health, The University of Edinburgh.

Prof Phillipa Saunders – Chair of Reproductive Steroids Centre for Inflammation Research, The University of Edinburgh.

10% of women suffer from endometriosis and currently the only treatments are surgery, anti-depressants or hormonal treatment. All with negative side effects.

Global market (7MM) worth \$1.05bn in 2020 and expected to achieve CAGR of 9.6% from 2020-2030

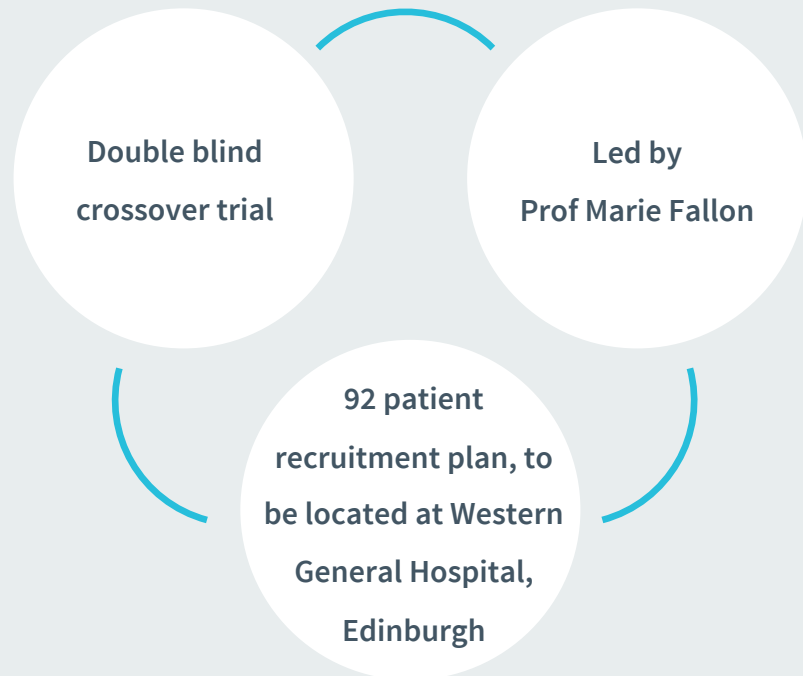


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Phase II RCT using MRX1 for CIPN

£1.25 MILLION NON-DILUTIVE THIRD-PARTY FUNDING COMMITTED



Phase II RCT of MRX1 Oral Cannabinoid versus placebo in the treatment of CIPN



Prof Marie Fallon - St Columba's Hospice Chair of Palliative Medicine and Honorary Consultant in Palliative Care. 256 publications, 10,486 citations. The University of Edinburgh.



"CIPN is a common and debilitating side effect of chemotherapy. 160,000 new cases p.a. in UK. No preventative treatment and symptomatic management commonly ineffective". Prof Marie Fallon



The CIPN global market was valued at US\$1bn in 2021 and is estimated to reach US\$1.5bn in 2030. Annual CAGR of 5.1%.



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Current Landscape

GW Pharmaceuticals sold to Jazz for USD7.2bn : two licensed cannabinoid medicines for orphan conditions.



Opiates no longer first line of medication.



CBD: no acute side effects, evidence base increasing. 0% THC reduces barriers to prescribing on NHS.



Unmet needs – not trying to get market share.



Responding directly to call for evidence from NICE and funding availability from NIHR

The Board

➤ Charles Morgan Chairman

Co-founder. Honorary Doctor of Science in recognition of vision and commitment to entrepreneurship and innovation. Co-founder Clarity Pharmaceuticals (ASX:CU6)

➤ Melissa Sturgess BSc, MBA CEO

Co-founder. 25-year veteran of the small cap quoted equity space. Her expertise is in putting together people, projects and capital in complex regulatory and legal environments.

➤ Jeremy Sturgess-Smith Finance Director

Co-founder. Responsible for corporate finance, company secretarial, accounting and investor relations. Committee member of the Prescription Working Group of the Cannabis Industry Council. Also COO of Standard Listed URA Holdings Limited and a director of MRX Global Limited.

➤ Prof Clive Page Independent Non-Executive Director

Professor of Pharmacology, King's College London and Chair of the British Pharmacological Society. Main research interests are in the pharmacology of inflammation and respiratory diseases. 2006 co-founder and previous Chairman of AIM quoted Verona Pharma plc, now a +\$1bn NASDAQ quoted company.

➤ Dr Inbar Pomeranchik Non-Executive Director

Molecular and genetic scientist with a PhD in plants science and molecular biology from the Hebrew University.

➤ Stuart Piccaver Non-Executive Director

Responsible for medical cannabis research cultivation, under contract, for GW Pharmaceuticals in 2014-2017.

➤ John Treacy Independent Non-Executive Director

Experienced London-based, growth company financier. A qualified solicitor specialising in Capital Markets and Mergers & Acquisitions, before moving on to practice corporate finance in the advisory teams of several prominent UK brokerages.

AQSE : ANA (EIS & VCT Advanced Assurance)

Top 10

Name	% of Issued Share Capital
Lawshare Nominees Limited	36.14%
Anglia Salads Limited	12.16%
Redmayne/Nominees/Limited	11.06%
Melissa Sturgess	8.03%
Palace Trading Investments Limited	5.04%
Barnard Nominees Limited	4.52%
Hargreaves Lansdown/Nominees/Limited	2.92%
Tim Fry	2.32%
Lynchwood Nominees Limited	1.75%
Hargreaves Lansdown/Nominees/Limited	1.49%

Director holdings

Name	% of Issued Share Capital
Charles Morgan	38.76
Melissa Sturgess	14.49
Anglia Salads Limited*	12.16
Jeremy Sturgess-Smith	3.71
Clive Page	1.16
Inbar Pomeranchik	0.93

- Number of ordinary shares in issue: 2,878,027,906
- 28.79% in public hands.
- If all warrants and options were to be exercised, the dilutive effect on the current share capital of the Company is 17.14%.

*Stuart Piccaver is a Director and beneficial owner of Anglia Salads

Thank you

Ananda will be presenting at the following events:

April 2024 : LSX World Congress London (Presentation)

June 2024 : Frankfurt Cannabis Conference (Melissa is moderating European section of 2-day conference)

June 2024 : Shares Magazine in-person investor evening in Edinburgh (Presentation and Drinks Reception)

Join our Hub!



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