CORPORATE PRESENTATION

24 April 2017

CSE: IN OTCQB: IMLFF

PROSPECTUS INFORMATION

A preliminary short form prospectus containing important information relating to the securities described in this presentation has been filed with securities regulatory authorities in each of the provinces of British Columbia, Alberta and Ontario. Prospective investors should rely only on the information contained in the preliminary prospectus dated April 20, 2017 related to an offering (the "Offering") of common shares of InMed Pharmaceuticals Inc. ("InMed"). A copy of the preliminary short form prospectus, and any amendment, is required to be delivered with this presentation.

The preliminary short form prospectus is still subject to completion. There will not be any sale or any acceptance of an offer to buy the securities described herein until a receipt for the final short form prospectus has been issued. This document does not provide full disclosure of all material facts relating to the securities offered. Investors should read the preliminary short form prospectus, the final short form prospectus and any amendment for disclosure of those facts, especially risk factors relating to the securities offered, before making an investment decision. InMed and the underwriters of the Offering (the "Underwriters") have not authorized anyone to provide prospective purchasers with additional or different information. InMed and the Underwriters are not offering to sell shares in any jurisdiction where the offer or sale of such securities is not permitted.

For prospective purchasers outside of the provinces of British Columbia, Alberta and Ontario, neither InMed, nor the Underwriters have done anything that would permit the Offering to be conducted or possession or distribution of the preliminary and final prospectus in any jurisdiction where action for that purpose is required, other than in the Provinces of British Columbia, Alberta and Ontario. Prospective purchasers are required to inform themselves about, and to observe any restrictions relating to, the Offering and the possession or distribution of the preliminary and final short form prospectus.

UNITED STATES LEGAL DISCLAIMER

InMed Pharmaceuticals Inc. (the "Company") is proposing to sell its securities (the "Securities") in the United States on a private placement basis, pursuant to an exemption from the registration requirements of the United States Securities Act of 1933, as amended (the "Securities Act"). The Company has retained placement agents and their United States affiliates in connection with the private placement in United States (collectively, the "Placement Agents").

This presentation is being provided solely to enable the offeree to evaluate the Company and the Securities. Purchasers of the Securities in the United States will be required to be "qualified institutional buyers" within the meaning of Rule 144A under the Securities Act. Any unauthorized use of the presentation is strictly prohibited.

Information concerning the assets and operations of the Company included in this presentation has been prepared in accordance with Canadian standards and is not comparable in all respects to similar information for United States companies. In addition, any financial information included in this presentation has been prepared in Canadian dollars, except as otherwise indicated, and is subject to applicable Canadian generally accepted accounting principles and Canadian auditing and auditor independence standards, which differ from United States generally accepted accounting principles and United States auditing and auditor independence standards in certain material respects.

The information provided in this presentation is not intended to provide financial, tax, legal or accounting advice. **Each offeree, prior to investing in the Securities, should perform and rely on its own investigation and analysis of the Company and the terms of the offering of the Securities, including the merits and risks involved.**

THE SECURITIES HAVE NOT BEEN AND WILL NOT BE REGISTERED UNDER THE SECURITIES ACT OR ANY STATE SECURITIES LAWS. THE SECURITIES HAVE NOT BEEN APPROVED OR DISAPPROVED BY THE UNITED STATES SECURITIES AND EXCHANGE COMMISSION, BY ANY STATE SECURITIES REGULATORY AUTHORITY OR BY ANY CANADIAN PROVINCIAL SECURITIES COMMISSION OR SIMILAR REGULATORY AUTHORITY, NOR HAS THE UNITED STATES SECURITIES AND EXCHANGE COMMISSION, ANY SUCH STATE REGULATORY AUTHORITY, OR ANY CANADIAN PROVINCIAL SECURITIES COMMISSION OR SIMILAR REGULATORY AUTHORITY, PASSED UPON THE ACCURACY OR ADEQUACY OF THIS PRESENTATION. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

The Company exists under the laws of the Province of British Columbia, Canada. Many of the Company's assets are located outside the United States. Some of Company's officers and directors are residents of Canada, as are some of the Placement Agents. As a result, it may be difficult for investors to enforce civil liabilities under the United States federal securities laws.

FORWARD LOOKING STATEMENTS

This presentation contains forward-looking statements, including statements concerning anticipated clinical development activities, the potential benefits of product candidates and anticipated market opportunities. All statements other than statements of historical fact are statements that could be deemed forward-looking statements. These statements are based on management's current expectations and beliefs and are subject to a number of risks, uncertainties and assumptions that could cause actual results to differ materially from those described in the forward-looking statements.

These risks and uncertainties include, among others, the possibility that clinical trials will not be successful, or be completed, or confirm earlier clinical trial results, risks associated with obtaining funding from third parties, risks related to the timing and costs of clinical trials and the receipt of regulatory approvals. Readers are cautioned that the foregoing list is not exhaustive. For additional information with respect to risks and uncertainties, prospective investors should carefully review and consider the risk factors described under the section “Risk Factors” in the Company’s annual information form dated March 24, 2017, a copy of which is available on SEDAR at www.sedar.com and under the section “Risk Factors” in the short form prospectus. The company undertakes no obligation to update the forward-looking statements contained herein or to reflect events or circumstances occurring after the date hereof.

OVERVIEW

InMed is a publicly listed, Vancouver-based biopharmaceutical company focused on identifying, developing and commercializing prescription drugs using non-THC cannabinoids.

Core Assets

Bioinformatics Database

Proprietary computer-based drug/disease target screening tool

Biosynthesis

Proprietary cannabinoid manufacturing system

Drug Development Pipeline

Expedited drug development timelines, conservative clinical budget targeting high unmet medical conditions utilizing disease-specific formulations:

- **INM-750 for Epidermolysis Bullosa** – An orphan paediatric disease characterized by extremely fragile skin with no current approved therapies. Potential global market revenues of ~US$1B.
- **INM-085 for Glaucoma** – A serious eye disease with a global market of >US$5B.

Investing in a Cannabis Biotech

New Biotech Field *within* Established Pharmaceutical Industry

Institutional Participation

Goldman Sachs | CANACCORD Genuity | ROTH Capital Partners | Bank of America

Big Pharma Participation

BAYER | NOVARTIS | abbvie | Otsuka

Cannabinoid Biotechs*

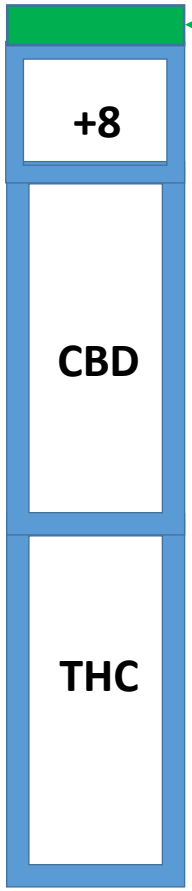
GW pharmaceuticals	AXIM BIOTECH	CARA THERAPEUTICS	Zynerba® PHARMACEUTICALS
(NASDAQ: GWPH)	(OTCQB: AXIM)	(NASDAQ:CARA)	(NASDAQ:ZYNE)
Mkt Cap $3.9B	Mkt Cap $853M	Mkt Cap $613M	Mkt Cap $406M

*All numbers in CDN dollars as of 24 April 2017.

HEALING POWER OF CANNABINOIDS

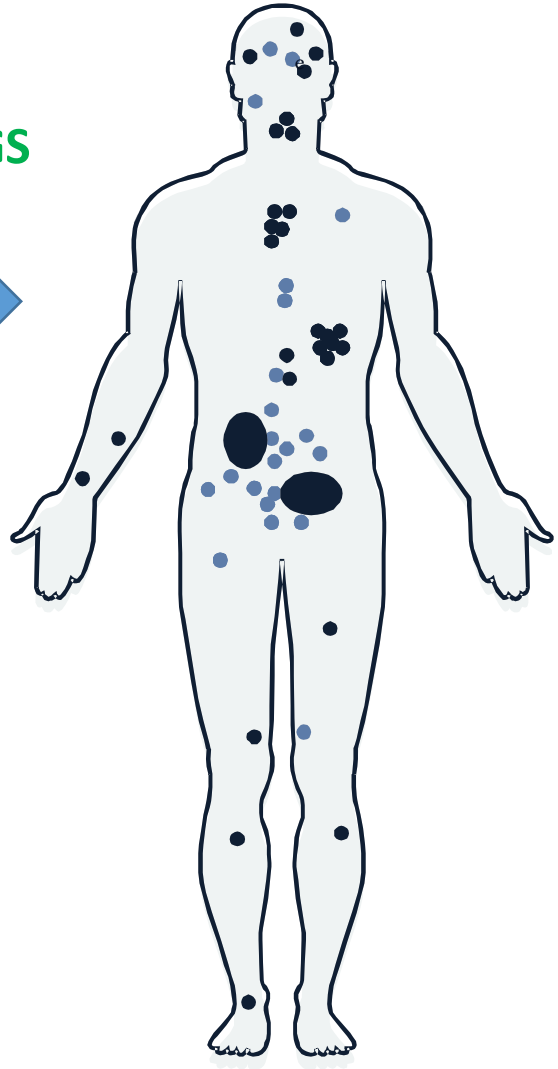
The endocannabinoid receptor system is a group of endogenous cannabinoid receptors located in the mammalian brain, throughout the central and peripheral nervous systems, and in tissues and organs.

This system is predisposed to interact with any member of the cannabinoid drug family.



80+ DRUGS

EACH DRUG AFFECTS THE HUMAN BODY



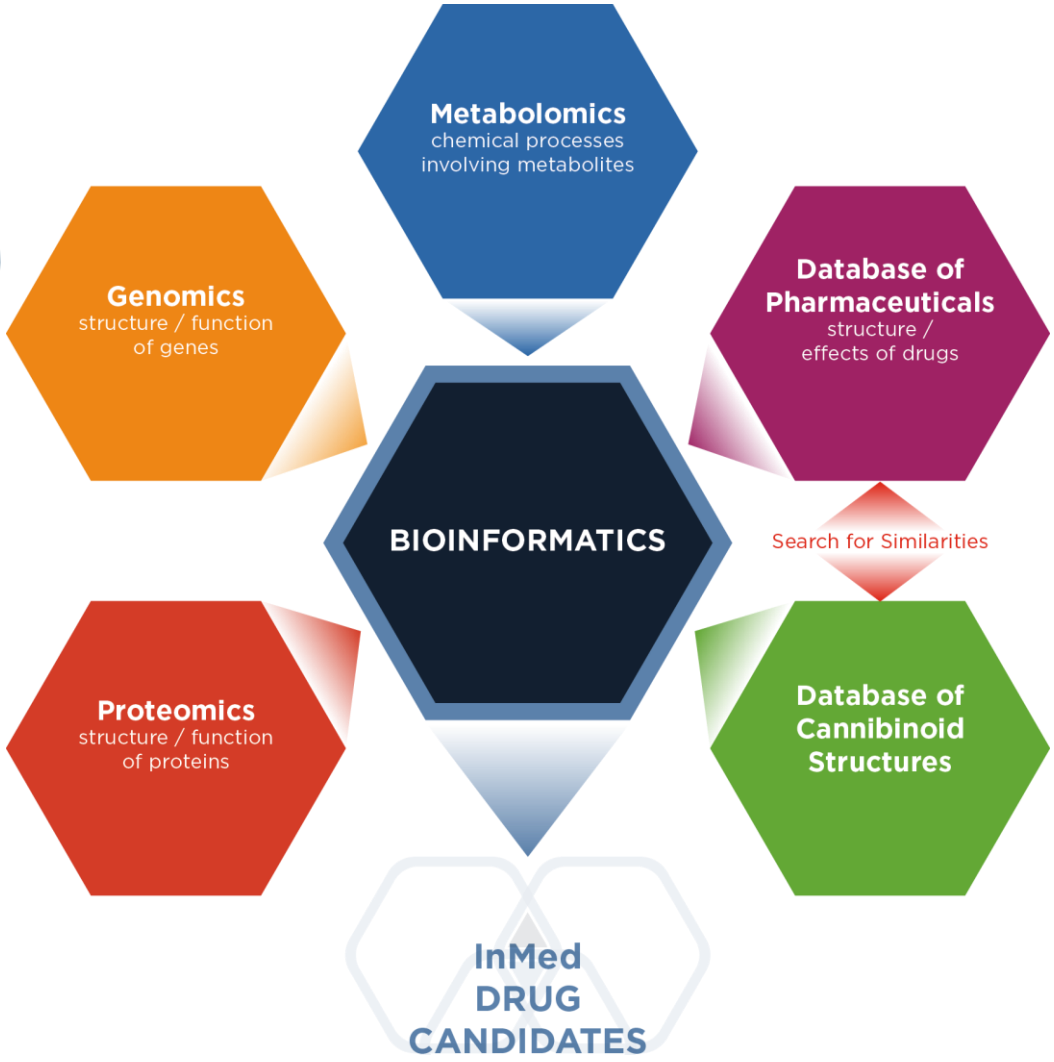
Endocannabinoid Receptor System

BIOINFORMATICS:

Proprietary Drug/Disease Targeting Tool

InMed's proprietary bioinformatics algorithm assesses the different active sites on cannabinoids and screens them against approved drug structures, disease site receptors, genetic profiles of diseases, and the involvement of proteins and chemical metabolites in disease pathways.

This program then selects specific cannabinoids (or combinations thereof) that might play a role in regulating diseases.



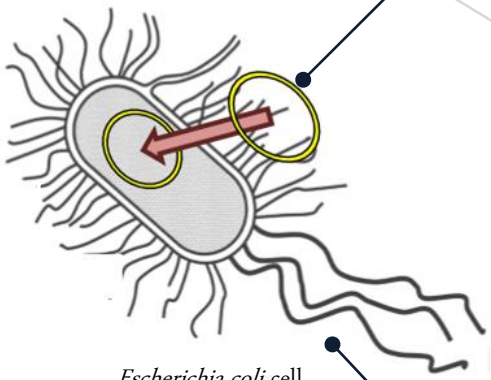
Advantages of InMed's Bioinformatics Tool

- Generates new therapies both quickly and effectively - significant cost and time savings in the drug discovery process.
- Allows InMed to research pharmacological responses of ALL 90+ cannabinoids.
- Has already identified multiple therapies including InMed's **INM-750** & **INM-085**.

BIOSYNTHESIS:

PROPRIETARY CANNABINOID MANUFACTU

Cannabinoid Genomic DNA



Escherichia coli cell

Significant cost savings vs. existing growing / harvesting / extraction / purification methods

Access to minor cannabinoids that are currently economically unfeasible to develop into drugs

Enhanced Production, Purification and QC vs. current synthetic production methods

Benefits of Biosynthesis

Increased structural integrity vs. chemical manufacturing methods

Millions of diabetics worldwide use synthetic insulin produced via* E.coli *biosynthesis.

DRUG DEVELOPMENT:

Lead Therapeutic Programs

(estimated timelines)

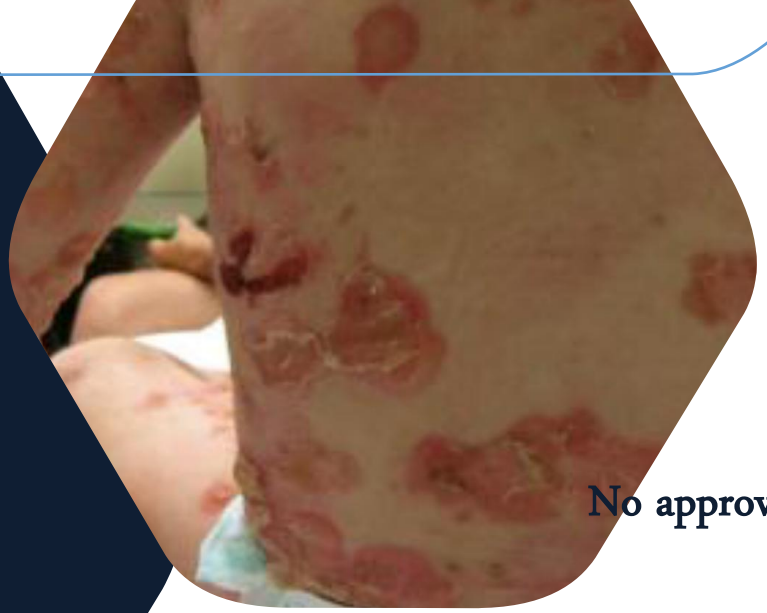
Therapeutic Area	Discovery	Target Selection	Pre-Clinical, Formulation	Clinical Trials		
				Ph1	Ph2b	Ph3
Dermatology INM-750 (Epidermolysis bullosa)	→		2017	2018	* 2019	* 2020
Ocular INM-085 (Glaucoma)	→		2017	* **	* **	* **
Pain Program INM-405	→		2017	*	*	* **

* Timelines dependant on, among other things, availability of capital.

** Potential partnership / spin-out opportunities.

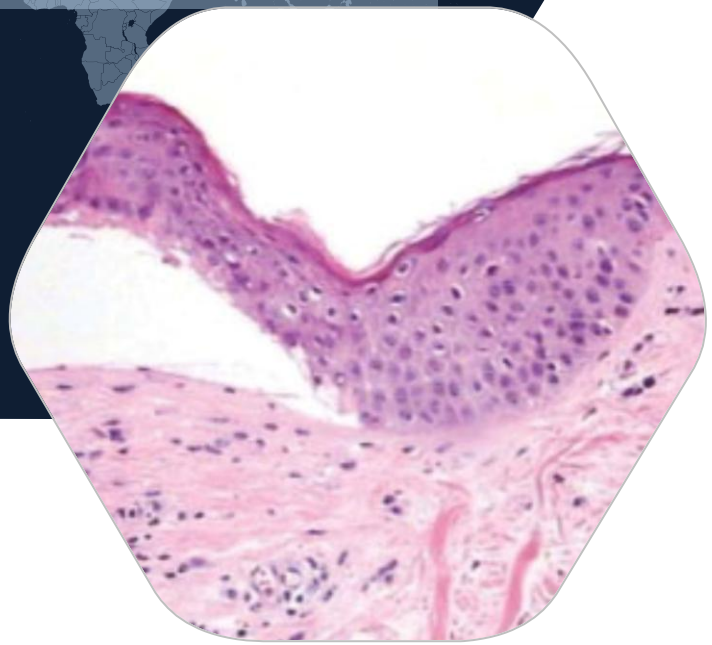
EPIDERMOLYSIS BULLOSA

INM-750



No approved treatments for EB

~50K patients in N. America, Europe and Japan



InMed's lead product, INM-750 has many mechanisms-of-action in the skin to deliver symptomatic relief:

- accelerated wound healing
- pain reduction
- itch reduction
- reduce inflammation
- antimicrobial activity

INM-750 may re-establish the epidermal / dermal junction by upregulation of specific keratins in the skin, essentially reversing the disease.

EPIDERMOLYSIS BULLOSA

Acquisition of Scioderm by Amicus for US$847M

- Scioderm's sole clinical asset is Zorblisa™, a Ph3 product in development for EB
- Scioderm was acquired by Amicus in Sept '15 for US$847M (US$229M upfront, US$361M on clin/reg milestones, US$257M on sales milestones)
- Acquisition was based on results from 42 patients in a Ph2b study
- JP Morgan and Cowen research reports estimate peak sales for Zorblisa™ in EB of US$900M - US$1.2B

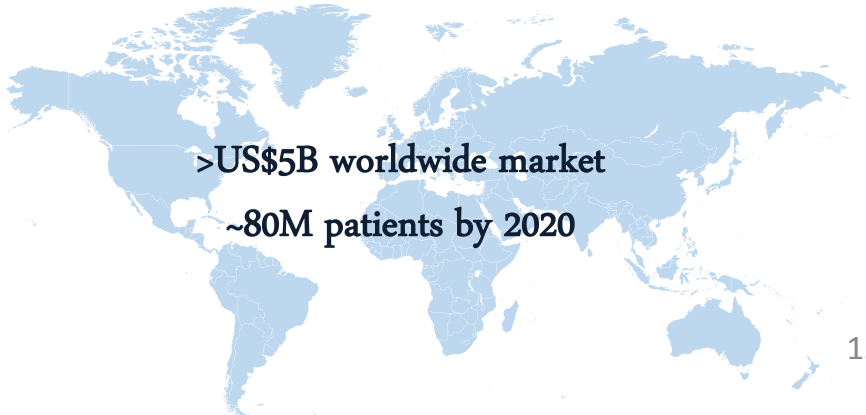
Acquisition of Lotus Tissue Repair by Shire for US$174M

- Lotus Tissue Repair had a preclinical program developing recombinant human collagen Type VII ("rC7") as a protein replacement therapy for Dystrophic EB, a subset (~30%) of EB patients
- In February 2013 Shire acquired Lotus Tissue Repair for a fair value consideration totalled US$174M: US$49M upfront; fair value of contingent consideration of US$125M

GLAUCOMA:

INM-085

Serious Eye Disease
Leading to Blindness



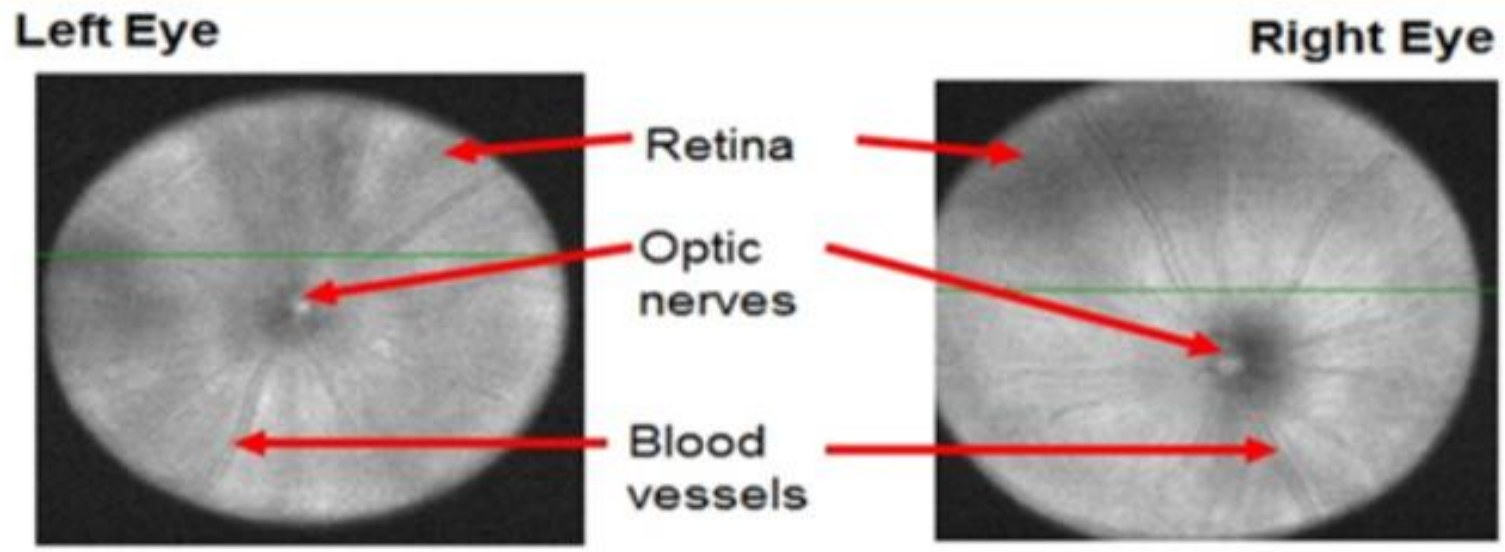
Dual Mechanism of Action

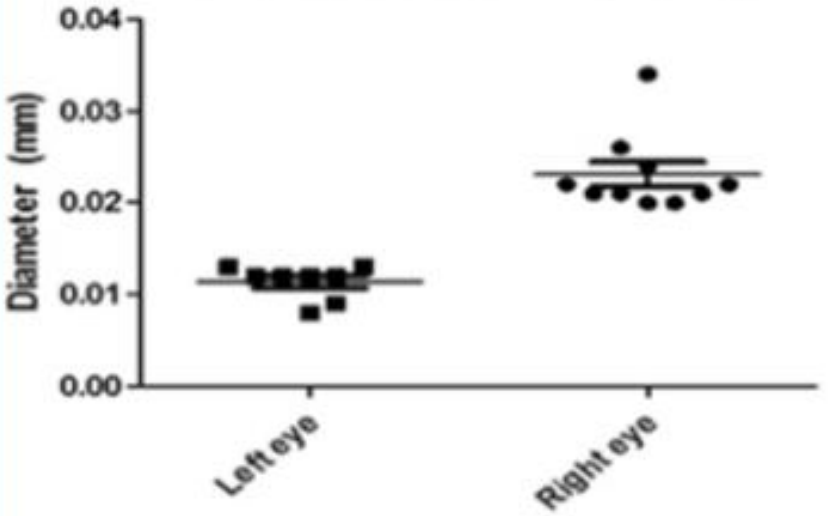
- Reduces the intraocular pressure (IOP) in the affected eyes; and
- Provide neuroprotection for the retinal ganglion cells (RGCs) and other optic nerve tissues in the affected eyes.

Proprietary Delivery System

- INM-085 utilizes a proprietary 1x per day hydrogel formulation to address the major issues of non-compliance (side effects, dosing frequency and adherence).
- Preclinical animal data showed enhanced penetration of cannabinoid molecules through the cornea and lens compared to control.

INM-085 increases blood vessel diameter in pre-clinical mice model





- Optical Coherence Tomography scan of a mouse retina (left untreated & right treated) showed an increase of blood vessel diameter after 30 min of application.
- Increase blood vessel diameter is associated with lowering of IOP.
- Application of treatment in right eye didn't effect the left, thus indicating local effect of INM-085 and not systemic.

R&D Pipeline

Therapeutic Area	Discovery / Disease Target Selection	Target Validation *(in vitro/vivo)*	Formulation / Advanced Preclinical	Clinical Ph 1
Dermatology (Orphan) - Epidermolysis Bullosa - Epidermolytic Ichthyosis - Pachyonychia Congenita	INM-750			2018*
Pain / Inflammation - Muscle Pain - Neuropathic Pain - Joint Pain	INM-400 Series		2018*	2019-20*
Ocular - Glaucoma	INM-085		2018*	[Partner]
Fibrosis - COPD	INM-300 Series		TBD	[Partner]
Neurodegenerative - Huntington's	INM-100 Series		TBD	[Partner]
Cancer - Breast Cancer	INM-200 Series		TBD	[Partner]

*Estimated timing dependent on, among other things, availability of capital.

Priorities & Milestones

2017*

- INM-750 Commence Formulation Development - 2Q
- INM-750 Complete Formulation Development - 3Q
- INM-750 Toxicology studies initiated - 3Q
- INM-750 Engage Regulatory Authorities - 4Q
- INM-085 Finalize 1x day Hydrogel - 3Q
- INM-085 Animal Studies/ IOP Reduction - 3Q
- INM-085 Commence Partnering Initiatives - 4Q
- Biosynthesis Scale-up (50 L) - 3Q
- Multiple Patent Filings - 2Q-4Q

*Estimated timing dependent on, among other things, availability of capital.

EXPERIENCED MANAGEMENT TEAM

Eric A. Adams CEO + President

25+ years' experience in global biopharmaceutical business development, Sales, Marketing, M&A with enGene, QLT, Advanced Tissue Sciences, Abbott Laboratories, Fresenius AG

Dr. Sazzad Hossain Chief Scientific Officer, PhD, M.Sc.

20+ years of academic/industry experience in drug discovery and product development at Xenon Pharmaceuticals, targeting pain, inflammation and cardiovascular diseases; and Canada's National Research Council

Dr. Ado Muhammad Chief Medical Officer, MD, DPM, MFPM Former Associate Medical Director at GW Pharmaceuticals specializing in the development of cannabinoid-based prescription medicines

Jeff Charpentier Chief Financial Officer + Corporate Secretary

25+ years' experience in biotech and technology companies including Lifebank Corp., Inex Pharmaceuticals, and Chromos Molecular Systems Inc.

Alexandra Mancini Sr. Vice President, Clinical and Regulatory Affairs, M.Sc.

30 years' global biopharmaceutical R&D experience with Sirius Genomics, Inex Pharmaceuticals, and QLT Inc.

BOARD OF DIRECTORS

William Garner, MD Chairman

Founder of EGB Advisors PR LLC

Chairman/Founder of Race Oncology(ASX:RAC); Formerly Director +/- Executive at IGXBio; Invion Limited (ASX:IVX);
Del Mar Pharma (NASDAQ: DMPI); Hoffmann LaRoche and healthcare merchant banking in NYC.

Martin Bott, VP Finance and Investment Banking at

Eli Lilly & Company

34+ experience in Finance, Investment Banking and Operations in the global pharmaceutical industry. Previous roles include CFO of Diabetes and Global Manufacturing Units; stints in CH, D, UK.

Andrew Hull , VP of Global Alliances at

Takeda Pharmaceuticals

30+ years' pharma/biotech commercial leadership experience. Previously in various roles with Immunex and Abbott Labs. Two-term Chairman of Illinois Biotech Industry Organization.

Adam Cutler, SVP of Corporate Affairs at Arbutus Biopharma

19+ years of experience in Equity Research, Corporate Affairs and Strategy, Investor Relations and Consulting. Previously The Trout Group LLC, Credit Suisse, Canaccord Genuity, JMP Securities, BoA Securities, and The Frankel Group and E&Y Healthcare Consulting.

Eric A. Adams, President + CEO

USE OF PROCEEDS

Research and Development - INM-750 (to Phase 1 reported data) - Biosynthesis (to scale-up completion -50L) - Other Programs
General & Administrative
Working Capital

CAPITAL STRUCTURE

CSE:IN OTCQB:IMLFF

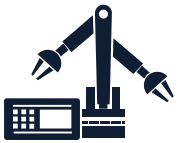
Symbol	CSE: IN OTCQB: IMLFF
Share I/O [1]	114.3 Million
Warrants [1]	3.2 Million
Options [1]	15.1 Million
Fully-Diluted [1]	132.6 Million [4]
Market Capitalization [2]	$89.2 Million
Cash / Working Capital [3]	$2.7 Million

1 As of April 20, 2017 (per Prospectus date)
2 As of April 24, 2017
3 As of March 31, 2017
4 Management & Insiders ~20% ownership

INVESTMENT HIGHLIGHTS

CSE:IN OTCQB:IMLFF

Broad portfolio of assets in dermatology, ocular diseases, additional indications and cannabinoid biosynthesis



Positioning to achieve value-driving, near-term milestones with limited investment:

- Lead drug candidate in an orphan paediatric disease with high unmet medical need; final formulation development, toxicology and Ph1-2a clinical trials targeted for completion within 24 months from financing
- Biosynthesis of cannabinoids aimed to be commercial-ready within 24 months from financing

Experienced team capable of building value in biopharmaceuticals

THANK YOU!

InMed Pharmaceuticals Inc.

Eric A. Adams, President & CEO
Chris Bogart, SVP Investor Relations

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