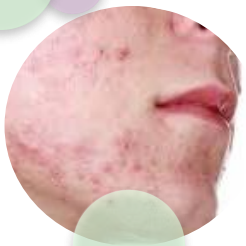


botanix PHARMACEUTICALS

RESTORING HEALTHY SKIN

Capital Raising Presentation
April 2017

Capital raising summary

botanix PHARMACEUTICALS

Capital raising overview

Received commitments to raise up to A$7.4m via an oversubscribed Placement; will introduce a number of leading institutional and sophisticated investors to the register

Overview

- Capital raising via a Placement to institutional and sophisticated investors to raise up to A$7.4m
- New shares will be issued at an offer price of A$0.055 per share
- Offer price represents a 13.3% discount to the 20-day volume weighted average price (as at 30 March 2017)
- Placement was substantially oversubscribed, as well as strongly supported by existing and new institutional and sophisticated investors

Structure

- Tranche 1 is an unconditional c. A$5.4m Placement of 97.9m shares issued under the Company's existing placement capacity pursuant to ASX Listing Rules 7.1 and 7.1A
- Tranche 2 is a conditional c. A$2.0m Placement of 36.4m shares, subject to shareholder approval at the EGM

Ranking and timing

- Placement shares to be fully paid and rank equally with existing Botanix shares
- Allotment of Placement shares under Tranche 1 to occur on Wednesday, 12 April 2017
- Indicative date of EGM is Monday, 15 May 2017 (a Notice of Meeting will be dispatched shortly)

Use of funds

Compelling use of funds to accelerate the clinical programs of pipeline products and Permetrex™ commercial opportunities

Overview

- Dual development of BTX 1503 (acne) and BTX 1204 (dermatitis) **improves the probability of clinical success and enhances Botanix's value**
- Development of BTX 1701 (acne cleanser/wash), that does **not require FDA approval,** allows Botanix to potentially **generate near term revenue**
- Flexibility to explore the commercial potential of Permetrex™, with the ability to potentially **generate near term revenue through licensing and partnership agreements**

Proposed use of funds[1]

	A$m
BTX 1503 FDA Phase II IND submission data generation and preparation	0.4
BTX 1204 preparation/manufacturing for dermatitis pilot study	1.1
BTX 1204 dermatitis pilot study	1.5
BTX 1701 manufacturing and pilot study	0.4
BTX 1701 clinical study	1.8
Permetrex™ pipeline technology support and development	1.5
Cost of offer	0.6
Total use of funds	**7.4**

Notes:
1. Individual use of funds figures may not add to A$7.4m due to rounding

Capital raising timetable

Botanix is working to the indicative timetable laid out below

Indicative capital raising timetable[1]

Trading halt	**Friday, 31 March 2017**
Closing date for receipt of firm and irrevocable bids	**(4pm AWST) Monday, 3 April 2017**
Allocations and offer confirmation letters sent to Placement participants	**Monday, 3 April 2017**
Confirmation of allocation to Lead Manager by Placement participants	**Tuesday, 4 April 2017**
Placement announced and Company resumes trading	**Wednesday, 5 April 2017**
Settlement of Placement shares via DvP under Tranche 1	**Tuesday, 11 April 2017**
Allotment of Placement shares under Tranche 1	**Wednesday, 12 April 2017**
EGM for approval of issue of Placement shares under Tranche 2	**Monday, 15 May 2017**
Settlement of Placement shares under Tranche 2	**Thursday, 18 May 2017**
Allotment of Placement shares under Tranche 2	**Friday, 19 May 2017**

Notes:
1. The timetable above is indicative only and may be varied subject to the ASX Listing Rules

Overview of Botanix Pharmaceuticals

botanix PHARMACEUTICALS

Investment highlights

Botanix is one of the most compelling emerging companies on the ASX

- Experienced **US based leadership team** with **FDA approvals track record**
- **Growing, multi-billion dollar dermatology markets** with **no new products approved in last 20 years** (for acne)
- Key products based on **pharmaceutical grade synthetic cannabidiol** (versus variable naturally derived cannabidiol), greatly enhances the probability of clinical and regulatory success
- **Exclusive global rights** to use Permetrex™ delivery technology for **all skin diseases** with **potential to deliver near term revenues**
- **Accelerated development pathway for dermatology products** compared to standard development pathways, **driving lower development costs and a faster timeline to approval**
- **Strong intellectual property portfolio** including 12 patent applications across 6 patent families, along with specific dermatology know-how and trade secrets
- **Multiple near term potential revenue streams** to complement medium term development upside

Corporate overview

Innovative medical dermatology company with a clear path to commercialisation, and a highly aligned Board and management team holding 39% of Botanix shares

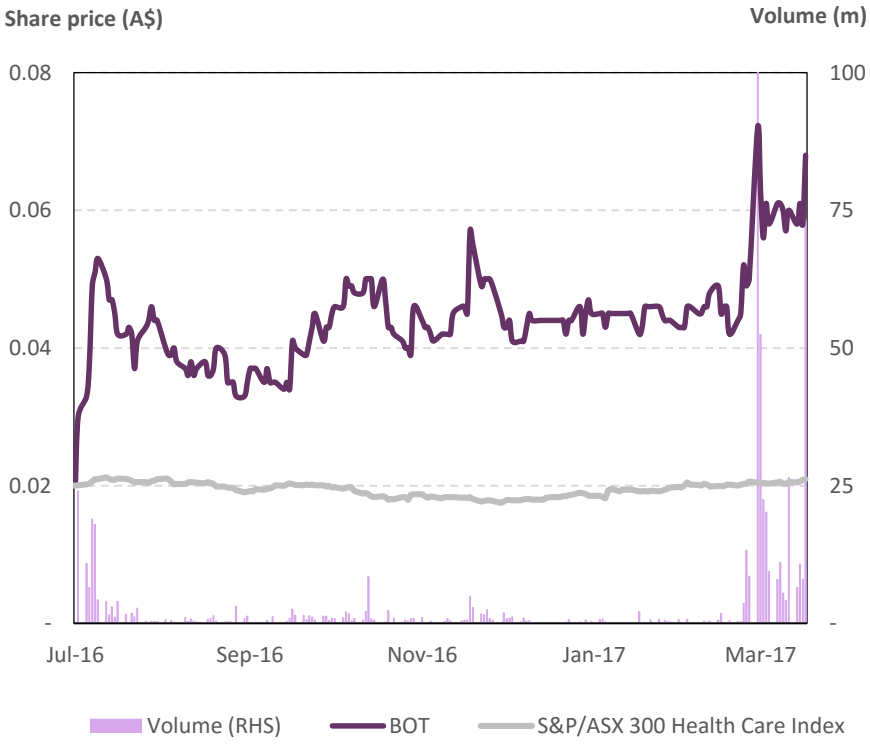
Trading information

Share price (30-Mar-17)	A$0.068
52 week low / high	A$0.026 / A$0.075
Shares on issue[1,2]	408.8m
Market capitalisation	**A$27.8m**
Cash (as at 31-Dec-16)[2]	A$2.4m
Debt (as at 31-Dec-16)	Nil
Enterprise value	**A$25.4m**

Top shareholders (as at Apr 2017, pre-placement)

Shareholder	%
Matthew Callahan – *Executive Director*	17.3
Caperi Pty Ltd – *Co-founder*	17.3
Board and management (excl. shareholders above)	5.0

Share price performance



Source: IRESS

1. Includes 156.5m fully paid ordinary shares subject to escrow until 15 July 2018
2. Excludes 38.8m unlisted options with exercise price range of A$0.03 - A$0.133 and expiry date range of Dec 2016 to Jun 2019

Recent corporate and product development

Recent corporate developments have provided a strong platform for Botanix to accelerate its clinical development program

Corporate milestones

Mar 2016
Pre-RTO: Bone Medical announce reverse take over (RTO) by Botanix Pharmaceuticals

Jul 2016
Completed RTO and commencement of trading as Botanix Pharmaceuticals (ASX:BOT)

Jul 2016 to Feb 2017
Key staff hires across the business divisions of clinical and regulatory, manufacturing, toxicology and operations

Feb 2017
Completed expansion of Permetrex™ license to cover the delivery of all drug actives used in treating skin diseases

Apr/May 2017
A$7.4m placement to institutional and sophisticated investors

Funding in place to accelerate advancement of clinical products, and potential licensing and partnership arrangements for Permetrex™

Commencement of clinical trials of BTX 1503 and BTX 1204, and development of BTX 1701 cleanser/wash

Development milestones

Jul 2016
Secured access to commercial scale synthetic cannabidiol

Nov 2016
Manufactured BTX 1503 trial formulation using FDA quality components

Dec 2016
Completed first human safety and irritation study with Permetrex™

Mar 2016
Ethics approval received for first human study utilising BTX 1503

Formulation → **Confirm Permetrex™ Safety** → **Proof of Concept**

Key milestones achieved | Near term focus

Senior leadership: track record of success

Proven industry professionals with a demonstrated ability to lead the development, financing, regulatory approval and commercialisation of pharmaceuticals

Mr Matthew Callahan

Expertise: corporate + IP

Executive Director *(Appointed Jul 2016)*

- Founding CEO of iCeutica Inc, which has developed **3 products to date that have received FDA approval**
- Previous investment director of 2 venture capital firms investing in life sciences

Dr Bill Bosch

Expertise: manufacturing + IP

Executive Director *(Appointed Jul 2016)*

- **6 FDA approved products to date** and co-inventor of the iCeutica SoluMatrix Technology
- Managed the commercial development of 4 nanotechnology products at Elan Corporation
- Co-founder of NanoSystems and the co-inventor of the drug delivery technology NanoCrystal

Dr Michael Thurn

Expertise: ops + regulatory

Chief Operating Officer *(Appointed Feb 2017)*

- Extensive start up life sciences experience across a range of technology platforms
- Previous Managing Director of Spinifex Pharmaceutical, which was taken out by Novartis for A$700m

Dr Mark Davis

Expertise: regulatory + clinical

VP Clinical and regulatory *(Appointed Aug 2017)*

- 30 years of clinical experience with 19 FDA approved products across dermatology and injectables
- Unique experience with synthetic cannabidiol at Insys Therapeutics
- Former clinical lead with Medicis and Connetics

20+ FDA approved products credited to the broader Botanix leadership team

extina (Ketoconazole) Foam, 2%
Vivlodex™
Nexavar (sorafenib) tablets
Tivorbex™
Olux-E
MEGACE®ES
EMEND (aprepitant)
Rapamune®
Acanya
ZORVOLEX™
LUZU
Zyclara™
EPOGEN® (EPOETIN ALFA)
provant life. changing.

Strategic and commercialisation focus

Primary strategy is commercialising BTX 1503, with supportive pipeline of other medical dermatology products

Active pharmaceutical

Cannabidiol

Botanix product	BTX 1503	Permetrex™	BTX 1308 / BTX 1204
Clinical application	Acne	*Delivery technology*	Psoriasis / Dermatitis

Near term focus

BTX 1503 development and commercialisation

- **Accelerating clinical development** through undertaking low cost first clinical studies in Australia, feeding into a US based FDA approval

Near to medium term focus

Permetrex™ licensing

- **Licensing Permetrex™** delivery system to strategic parties, to generate **potential near term revenue**

Medium to long term focus

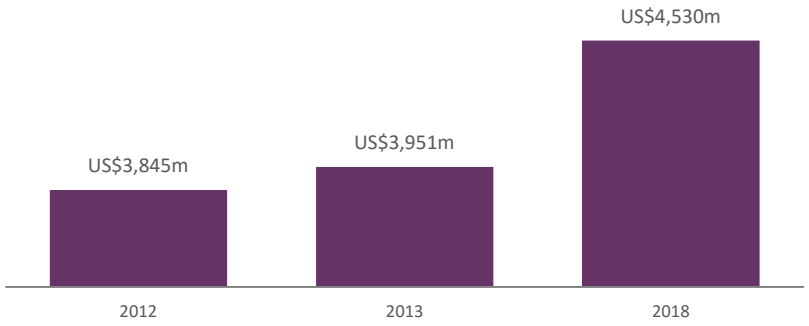
Other pipeline products

- Leverage **data from BTX 1503 program to accelerate development of new products** in psoriasis and dermatitis
- Utilising Permetrex™ to **develop other pipeline products for near term outlicensing**

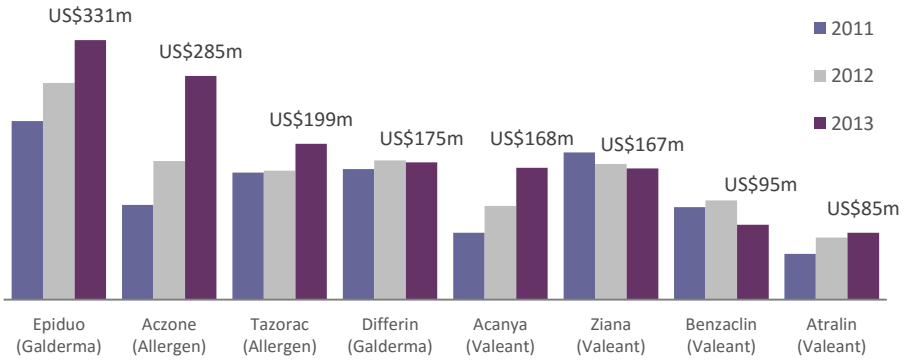
Significant and growing market opportunity

Global acne prescription products market expected to grow to >US$4.5bn by 2018, driven by the significant US market and is only a subset of the global dermatology opportunity

Value of the global acne prescription market is expected to reach US$4.5bn by 2018[1]



Top branded acne products containing only generic drugs have achieved revenues of up to >US$300m p.a.[2]



Large demand with limited recent product development

- **50 million patients** (in the US alone) used an acne product in 2015
- **No new chemical entities have been approved by the FDA in the last 20 years** for the treatment of acne
- Only "new" products launched in this period were **combinations of old drugs in new formulations or new packaging**
- Little development expected in future years, with **very few products currently in the development pipeline**
- Acne is just a subset of an even larger dermatology market opportunity (psoriasis, eczema, etc.) which is **in the order of US$20bn p.a.**

1. BCC Research, May 2013. Skin Disease Treatment and Global Markets
2. Symphony Health Solutions, Pharmaceutical Audit Suite for 2012 as reported in Demira S1

Botanix's most advanced product – BTX 1503

BTX 1503 is topically applied for the treatment of moderate and severe acne utilising a novel skin delivery technology called Permetrex™

Overview

- BTX 1503 is a formulation of pure, synthetic cannabidiol that is administered via the Permetrex™ delivery system
- Cannabidiol is a chemical that can be naturally extracted in raw form from the cannabis plant
- Cannabidiol has an established safety profile with >100 human clinical trials completed or underway, in a range of different diseases
- Cannabidiol has anecdotally been found to be effective in treating a range of skin diseases
- BTX 1503 is designed to maximise the delivery of cannabidiol to the sebaceous glands with little systemic exposure

Cannabidiol mechanism of action in acne

Lipostatic	Normalises excessive and abnormal fatty oil production known as "sebum"
Anti-inflammatory	Induces a novel anti-inflammatory pathway
Anti-proliferation	Inhibits proliferation of sebum producing sebocytes (cells), without affecting their viability (an important safety aspect)
Anti-bacterial	Demonstrated anti-bacterial targeting acne specific *Propionibacterium acnes (P. acnes)*

Source: Cannabidiol exerts sebostatic and anti inflammatory effects on human sebocytes (2014).The Journal of Clinical Investigation

BTX 1503 market positioning

BTX 1503 has the potential to be the market leading product for acne treatment with no undesirable side effects

Market landscape for acne treatments[1]

- BTX 1503 has multiple mechanisms of action that directly treat the key pathogenic factors causing acne, making it a potentially superior treatment to existing therapies
- While systematic therapies (i.e. oral isotretinoin) may inhibit sebum (skin-oil) production, its use is limited by very serious side-effects
- Significant market opportunity; major existing treatments fetched annual revenues in the range of US$700m-US$800m when they were patented products
- BTX 1503's patent protection is a significant competitive advantage, as all other treatments below are now generic products

Method of action	BTX 1503	Clindamycin	Tretinoin	Adapalene	Minocycline	Erythromycin	Accutane
Reduces excessive sebum (skin oil) production	✓						✓
Anti-inflammatory	✓		✓	✓			✓
Anti-bacterial	✓	✓			✓	✓	✓
Topical (applied to a specific area of the body)	✓		✓	✓			
Minimal side effects	✓		✓	✓		✓	
Patent protected (not a generic product)	✓						

1. Subject to relevant successful development and approvals

BTX 1503 key advantages

Synthetic cannabidiol and a proprietary skin delivery system provides significant competitive advantages compared to other products in development

Challenge 1

Significant commercial and regulatory hurdles in extracting sufficient naturally derived cannabidiol at the required purity, lowers the chance of achieving clinical success

Botanix solution

Synthetically derived cannabidiol allows for **consistent manufacturing, greater scalability** and more **straightforward regulatory approval** prospects

Advantages of synthetic cannabidiol

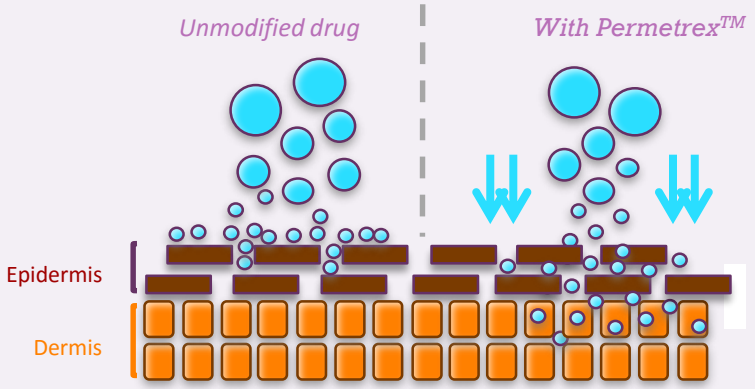
Synthetic cannabidiol	Naturally extracted cannabidiol
1 chemical	100+ chemicals
100% pure	Multiple impurities
Scaled up to ~50kg	Scaled up to ~1kg
Material registered with FDA	Not registered with FDA
No additional compliance required	Must comply with FDA's "Botanical Drug Development Guidance for Industry"

Challenge 2

Medicinal cannabidiol is generally administered orally, however, only 6% of cannabidiol consumed orally is available in the blood stream (even less makes it to the target organs in the skin)

Botanix solution

Permetrex™ **delivers cannabidiol efficiently into the skin** for the targeted treatment of various skin diseases.



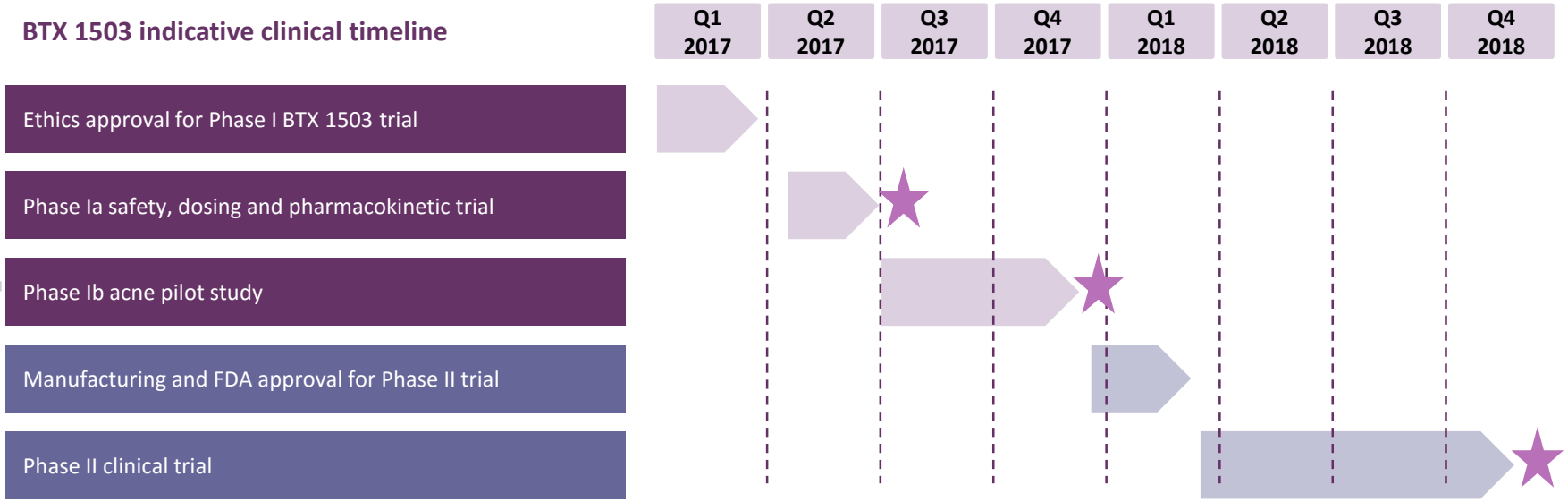
Botanix holds the **exclusive rights** to utilise Permetrex™ for all drugs that treat skin diseases

BTX 1503 accelerated clinical development

Botanix is pursuing a rapid clinical development strategy in order to minimise the time until product commercialisation and first revenues

- In December 2016, Botanix completed its first human study of the Permetrex™ delivery technology and successfully showed that Permetrex™ did not cause any safety or irritation issues
- First enrolment of Phase Ia acne study estimated for 2Q CY2017, with study data also planned to be available by the end of 2Q CY2017
- Botanix is fully funded for the Phase Ia and Phase Ib clinical trials of BTX 1503

BTX 1503 indicative clinical timeline



★ Clinical milestones where potential development partnerships and/or licensing agreements may be considered

Accelerated development timeline

Botanix is executing on an efficient, more economical and less risky clinical development strategy compared to traditional pharmaceutical development pathways

Botanix's accelerated indicative clinical timeline

Proven ability to execute: *Achieved since listing*

Phases	Traditional process		Botanix approach	
	Costs (est.)	Timing (est.)	Costs (est.)	Timing (est.)
Discovery and pre-clinical	~$430m	~5 years	~$1m	~6 months
Investigational New Drug or equivalent	~$1m			
Phase I clinical	~$25m	~7 years	~$2m	~6 months
Phase II clinical	~$35m		~$5m	~28 months
Phase III clinical	~$54m		~$20m	
New Drug Application	~$5m	~2 years	~$2m	~12 months
Total	~$460m	~14 years	~$30m	~4 years

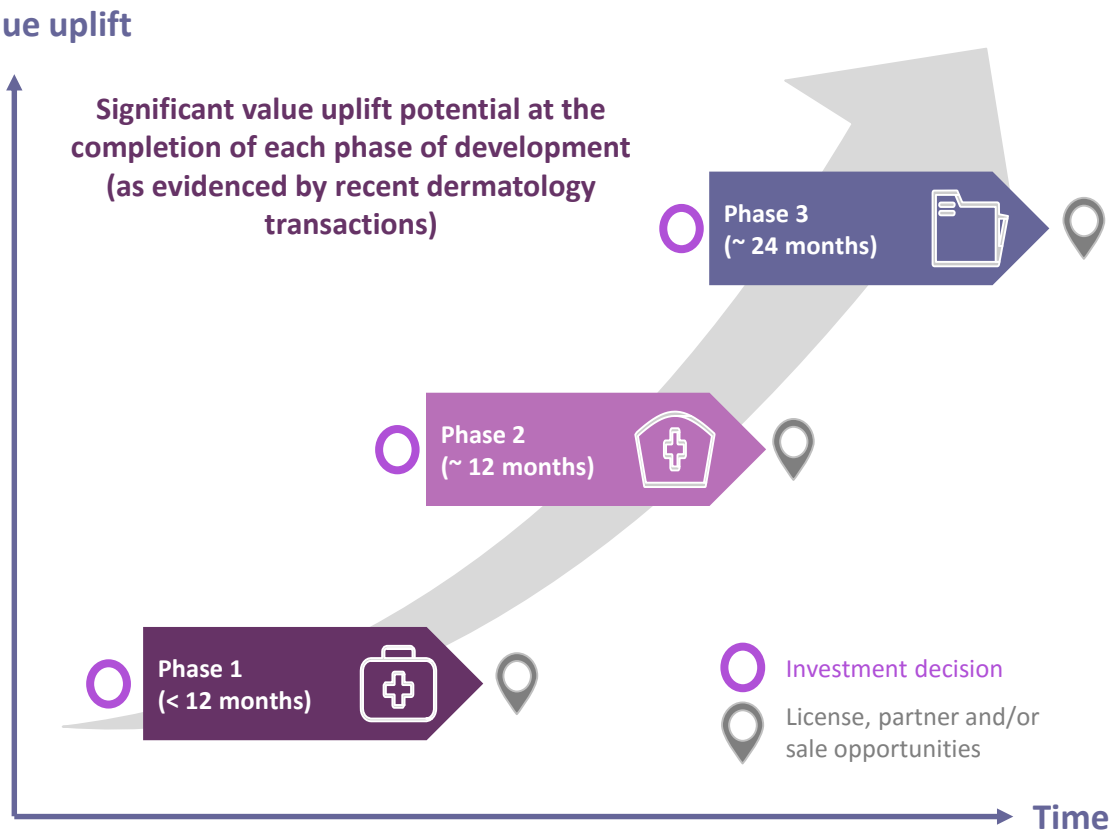
- Botanix is pursuing an accelerated development timeline, due to:
  - Minimal pre-clinical development due to **known safety profile** of cannabidiol
  - Dermatology studies tend to be shorter in duration and require smaller study populations
  - **Objective measurements of efficacy** (end points are typically visual assessments)
- Opportunity to generate **near term revenue** from potential licensing agreements for Permetrex™
- Known safety profile **increases probability of successful clinical development**

Commercialisation strategy

Botanix's focused and accelerated timeline to product commercialisation results in significant potential value uplift

Efficient commercialisation path with multiple options

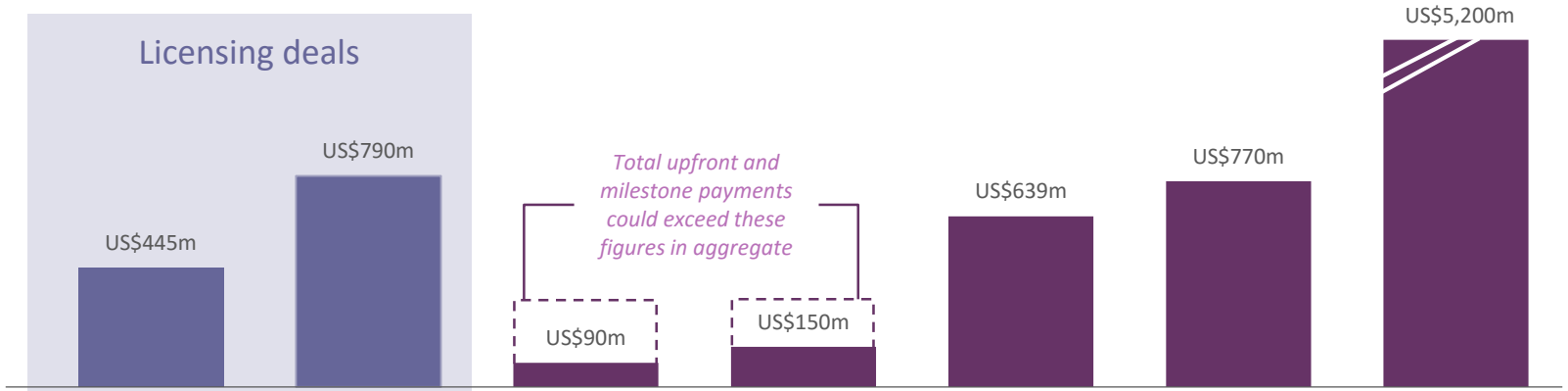
- Continued clinical development success is reflected in significant value uplift after each successive phase
  - Typically monetised via licensing, partnering and/or sale/merger opportunities
  - Additional indications can be partnered while pursuing acne focus
- Potential future revenue streams:
  - Product licensing agreements
  - Partnership with strategic parties
  - Product sales revenue



Recent dermatology transactions

Licensing and partnering transactions are potential monetisation options

Dermatology transactions



Deal date	Sep 15	Dec 2016	Jan 2016	Dec 2016	Oct 2016	Apr 2016	May 2016
Deal type	License	License	Corporate	Corporate	Corporate	Asset/business	Corporate
Licensee/Acquirer	VALEANT	PURDUE	Allergan	sienna biopharmaceuticals	Allergan	LEO	Pfizer
Licensor/Target	AstraZeneca	exicure (rights)	anterios	CREABILIS	vitae Pharmaceuticals	astellas (global dermatology business)	ANACOR PHARMACEUTICALS
Phase	In Phase III	Completed Phase I	In pre-clinical development	In pre-clinical development / Phase IIb	In Phase II	On market	Completing Phase III

Source: Bloomberg, Company disclosure

Clinical development pipeline

Development pipeline also includes other synthetic cannabidiol clinical products targeting key dermatology markets

These products will leverage both the BTX 1503 synthetic cannabidiol clinical program as well as the Permetrex™ delivery system

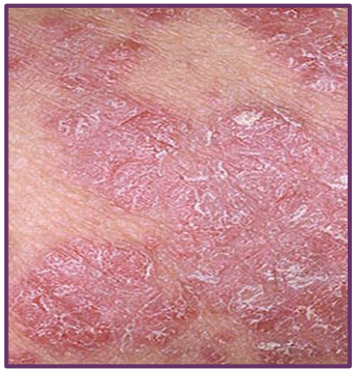
BTX 1204: dermatitis

- **Target market:** US patient incidence estimated to be 31 million (10% to 18% of children)
- **Market size:** estimated annual cost of treating atopic dermatitis in the US is ~US$4bn
- **Current issues:** most treatments on the market (i.e. steroids) only address the symptoms

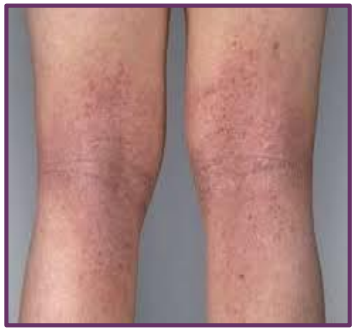
BTX 1308: psoriasis

- **Target market:** 7.5 million Americans have psoriasis (most have plaque psoriasis)
- **Market size:** estimated annual costs of injectable biologic treatments in the US is ~US$20bn
- **Current issues:** biologic drugs are very expensive have serious side effect issues (including lymphoma)

Funded through to the completion of human clinical study



Psoriasis



Dermatitis

OTC development pipeline

Development pipeline includes "over the counter" products with near term potential, that can be developed and marketed without FDA approval

BTX 1701: cleanser/wash

- **Target market:** 50 million patients in the US alone purchased an acne treatment product in 2015
- **Market size:** ~US$1bn+ p.a. for cleansers and washes
- **Comments:** acne treatment products (e.g. cleansers) will utilise the novel Permetrex™ delivery system

This product can be developed and marketed without FDA approval

Top 10 facial cleaners based on sales

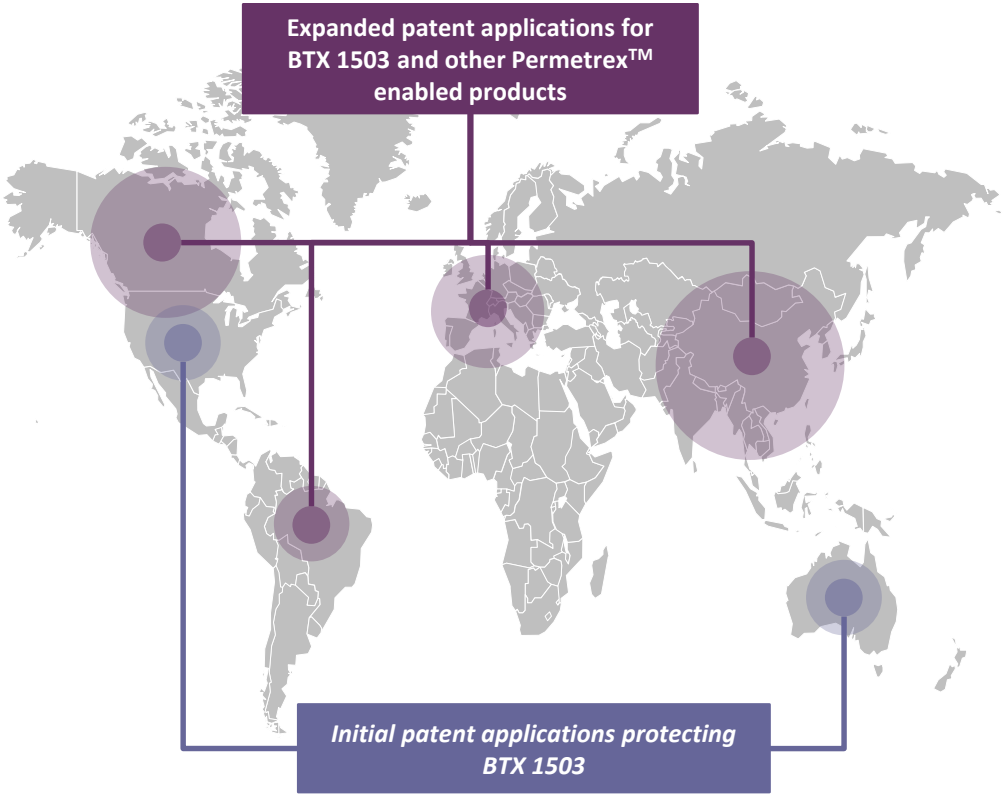
	Sales (US$m)	Change in sales (%)	Unit sales (m)	Change in unit sales (%)
Private label	137.5	6.0	33.5	5.2
Bioré	68.3	47.5	9.4	53.1
Simple	54.3	5.8	9.5	2.3
Cetaphil	51.1	22.2	5.8	12.0
Olay	46.6	-9.6	7.6	-10.1
Burt's Bees	46.0	21.3	7.1	23.1
Johnson's Clean & Clear Morning Burst	40.0	-4.1	11.0	3.4
CeraVe	39.8	24.1	3.7	33.4
Neutrogena Deep Clean	37.0	-4.9	5.9	-5.1
Pond's	33.4	4.5	7.0	0.5

Source: IRI for the 52 weeks ended May 15 across total U.S. multi-outlet (supermarkets, drug stores, mass market retailers, military commissaries and select club and dollar retail chians)

Valuable intellectual property portfolio

Botanix has protected its suit of development products through various patent applications across key global markets

- Botanix currently has 12 patent applications across 6 different patent families
- Patents applications cover lead acne product and other Permetrex™ enabled products
- Patent protection targeted at key geographic regions with large and viable dermatology markets (i.e. initially US and Australia, but following into the EU, UK, Japan, India, China, South America and other jurisdictions in National phase)
- Botanix positioned as the leading player in the sector – underpinned by substantial volumes of proprietary knowledge, manufacturing know-how and trade secrets
- Additional IP opportunities will be pursued on each Permetrex™ product developed internally or with partners

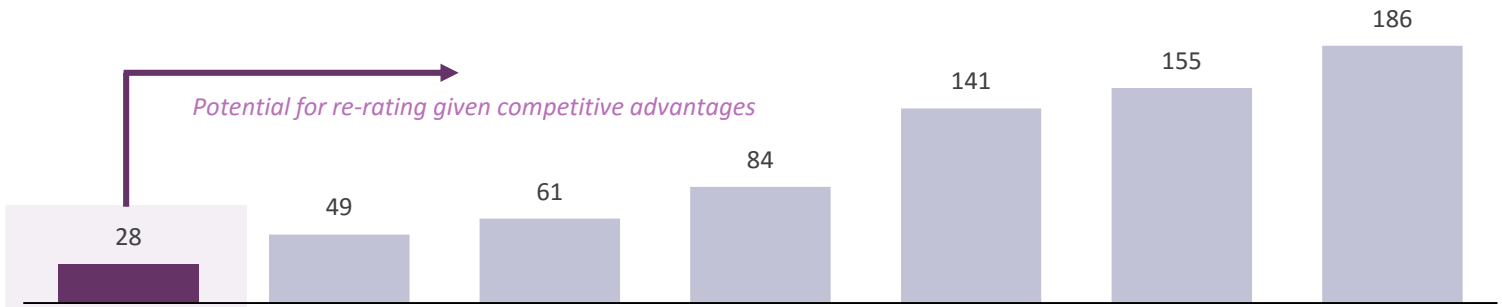


Botanix vs. ASX-listed medical cannabis companies

Botanix is the most compelling early stage cannabis related opportunity on the ASX

Botanix's **competitive advantages**:

- Synthetic cannabidiol formulation - ↑ probability and speed of FDA approval
- Unmet clinical need - No FDA approved acne treatments in last 20 years
- Significant addressable market - $4.5 billion in annual prescription sales of acne products
- Faster development pathway – simple end points and skin based administration



	Botanix Pharmaceutical (ASX:BOT)	Creso Pharma (ASX:CPH)	Zelda Therapeutics (ASX:ZLD)	MGC Pharmaceuticals (ASX:MXC)	MMJ PhytoTech (ASX:MMJ)	Medlab Clinical (ASX:MDC)	AusCann Group (ASX:AC8)
Focus	Dermatology	Nutraceutical	Oncology/ Dermatology	Dermatology/ Epilepsy	Epilepsy	Oncology	Epilepsy/ Oncology
Drug Source	Synthetic	Natural	Natural	Natural	Natural	Natural	Natural
Administration	Topical	Oral	Variable	Variable	Variable	Mouth spray	Oral

Source: IRESS, Company disclosure

1. Market capitalisation as at close 4 April 2017 and calculated via the following formula (ordinary shares on issue + ordinary shares subject to escrow)*share price

ASX market landscape

An accelerated clinical development timeline and near term catalysts should support a sustained re-rating in market valuation

Botanix vs. early stage ASX-listed pharmaceutical and biotechnology companies

Botanix's clinical development pathway is **de-risked compared to peers**:

- Simple clinical trials with an accelerated development timeline - ↓ time and cost to achieve FDA approval
- Targeting an unmet clinical need with large market opportunity and few competing products in development
- Permetrex™ is a highly flexible technology with a broad opportunity base and near term revenue potential

	Botanix Pharmaceuticals (ASX:BOT)	Orthocell (ASX:OCC)	Paradigm Biopharmaceuticals (ASX:PAR)	Innate Immunotherapeutics (ASX:IIL)	Bionomics (ASX:BNO)
Focus	Dermatology	Regenerative	Hay fever / Bone Marrow Edema	Multiple Sclerosis	Oncology/ Central Nervous System disease
Accelerated Development	✓		✓	✓	
Near term revenue	✓	✓			✓

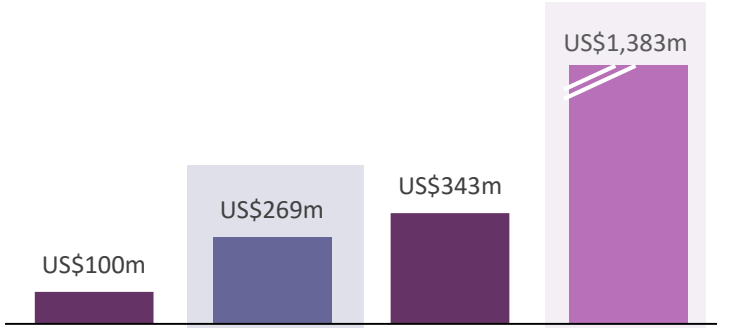
Source: IRESS, Company disclosure

1. Market capitalisation as at close 4 April 2017 and calculated via the following formula (ordinary shares on issue + ordinary shares subject to escrow)*share price

International landscape

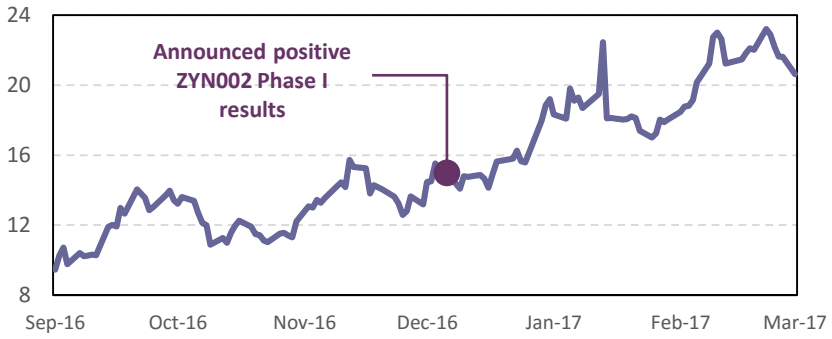
Botanix represents a significant value accretive opportunity when compared to key global peers with positive Phase I and Phase II data

Market capitalisation of key international peers[1]

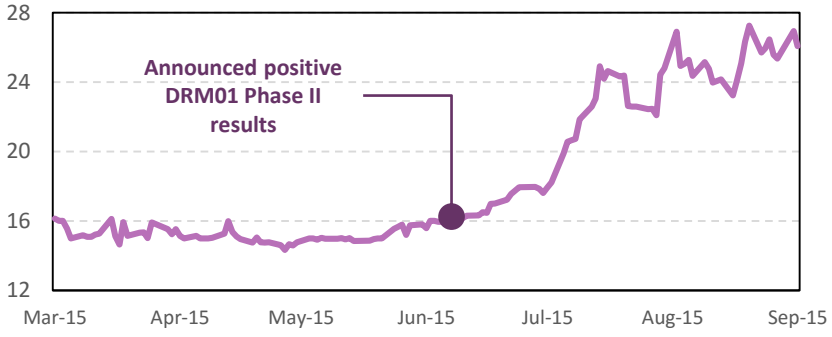


	Novan	Zynerba	Cassiopea	Dermira
Dermatology focused	✓		✓	✓
Cannabidiol focused		✓		
No. of products	Multiple	Multiple	Multiple	Multiple
Clinical development phase	SB206: II SB208: II SB414: I SB414: I	ZYN002 CBD Gel: II ZYN001 THC Pro-Drug Patch: I	Winlevi©:III Breezula©:III CB-06-01: II CB-06-02: II	Glycopyrronium Tosylate:III CIMZIA©:III Olumacostat Glasaretil:III

Zynerba share price performance (US$)



Dermira share price performance (US$)



Source: Bloomberg, Company disclosure

1. Market capitalisation figures as at close 30 March 2017

Key catalysts

Significant operational milestones expected over the next 9 months, as Botanix launches first human studies and accelerates corporate development

	2Q CY2017	3Q/4Q CY2017
Indicative BTX 1503 milestones	▪ Study commencement of BTX 1503 Phase Ia safety study ▪ Study data from BTX 1503 Phase Ia safety study ▪ Submission of ethics approval for BTX 1503 Phase Ib acne pilot study	▪ Commencement (and completion) of BTX 1503 Phase Ib acne pilot study and results ▪ Collaboration on cannabidiol program with external partner ▪ Preparation for Phase II BTX 1503 clinical study and FDA submissions
Other indicative product development and Permetrex™ commercialisation milestones	▪ Commencement of BTX 1204 formulation manufacturing and testing work ▪ Commencement of BTX 1701 manufacturing and testing work ▪ Study commencement and data from BTX 1701 pilot study ▪ Sign collaboration agreement for Permetrex™ technology with external strategic partner	▪ Commencement of BTX 1204 pre-clinical testing (dermatitis) ▪ Commencement and completion of BTX 1701 clinical study ▪ New product additions to pipeline (utilising the Permetrex™ technology) ▪ Sign collaboration agreement on pipeline product/s

Appendix

Board of Directors, corporate history, commercialisation strategy, clinical development, and clinical team

Botanix Board of Directors

Highly credentialed Board of Directors with a proven record of building and leading successful pharmaceuticals businesses

Graham Griffiths
Chairman
Appointed July 2016

- 40 years executive experience in technology based companies, across sales, marketing and product development
- Former Managing Director of ipernica, responsible for acquisition and commercialisation of nearmap.com (ASX:NEA)
- Non-Executive Director of Pointerra (ASX:3DP), iperative and NGIS Australia

Commercialisation

Matthew Callahan
Executive Director
Appointed July 2016

- Founding CEO of iCeutica and Churchill Pharmaceuticals
- Co-inventor of iCeutica's SoluMatrix Technology
- Developed 3 FDA approved products
- Investment director at 2 venture capital firms
- 20 years experience in legal, IP and investment management
- Director of Orthocell (ASX:OCC) and Glycan Bioscience LLC

Corporate and IP

Dr Bill Bosch
Executive Director
Appointed July 2016

- 20 years experience in the pharmaceutical industry
- Co-inventor of iCeutica's SoluMatrix Technology
- Developed 6 FDA approved products
- Developed 4 commercial nanotechnology products at Elan Corporation
- Co-founder of NanoSystems LLC and co-inventor of NanoCrystal Technology

Manufacturing and IP

Rob Towner
Director
Appointed July 2016

- 20 years corporate advisory experience
- Founder and sole director of Cornerstone Corporate
- Founding Executive Director of bioMD
- bioMD merged with Allied Health Care in 2011 to form Admedus (ASX:AHZ, $200m market capitalisation)
- Executive Director of Triangle Energy (ASX:TEG)

Financing and capital markets

Botanix executive management

Highly credentialed clinical development team with extensive expertise in leading novel products through clinical and regulatory development

Dr Mark Davis
VP Clinical and Regulatory

- 30 years of clinical experience with 19 FDA approved products
- Unique experience with cannabidiol through Insys
- Former clinical lead with Medicis and Connetics

Clinical and regulatory

Dr Michael Thurn
Chief Operating Officer

- Extensive start up life sciences experience across a range of technology platforms
- +20 years experience in drug regulation, drug discovery, pre-clinical and clinical
- Previous Managing Director of Spinifex Pharmaceuticals

Regulatory and operations

Dr Gene Cooper
Consultant

- 40 years pharmaceutical experience
- 10 FDA approved products
- Expert in skin delivery
- Inventor of Permetrex™

Technology and innovation

Dr Joel Gelfand
Medical Director of Clinical Studies

- Professor of Dermatology at the University of Pennsylvania
- Expert in skin disease and clinical trial management

Clinical Studies

Professor James Leyden
Scientific Adviser

- Professor of Dermatology at the University of Pennsylvania
- World leading acne and skin specialist

Key Opinion Leader

Professor Diane Thiboutot
Scientific Adviser

- Professor of Dermatology at Pennsylvania State University
- Researcher in acne and rosacea
- Pre-clinical and clinical trials services provider

Key Opinion Leader

Steve Newhard
Manufacturing/ Quality

- 35 years manufacturing and development experience
- Former senior executive with Medicis
- Project leader for formulation

Formulation/manufacturing

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