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Pioneers bringing  
pharmaceutical  
industry expertise to the  
world of medicinal cannabis

June 2017



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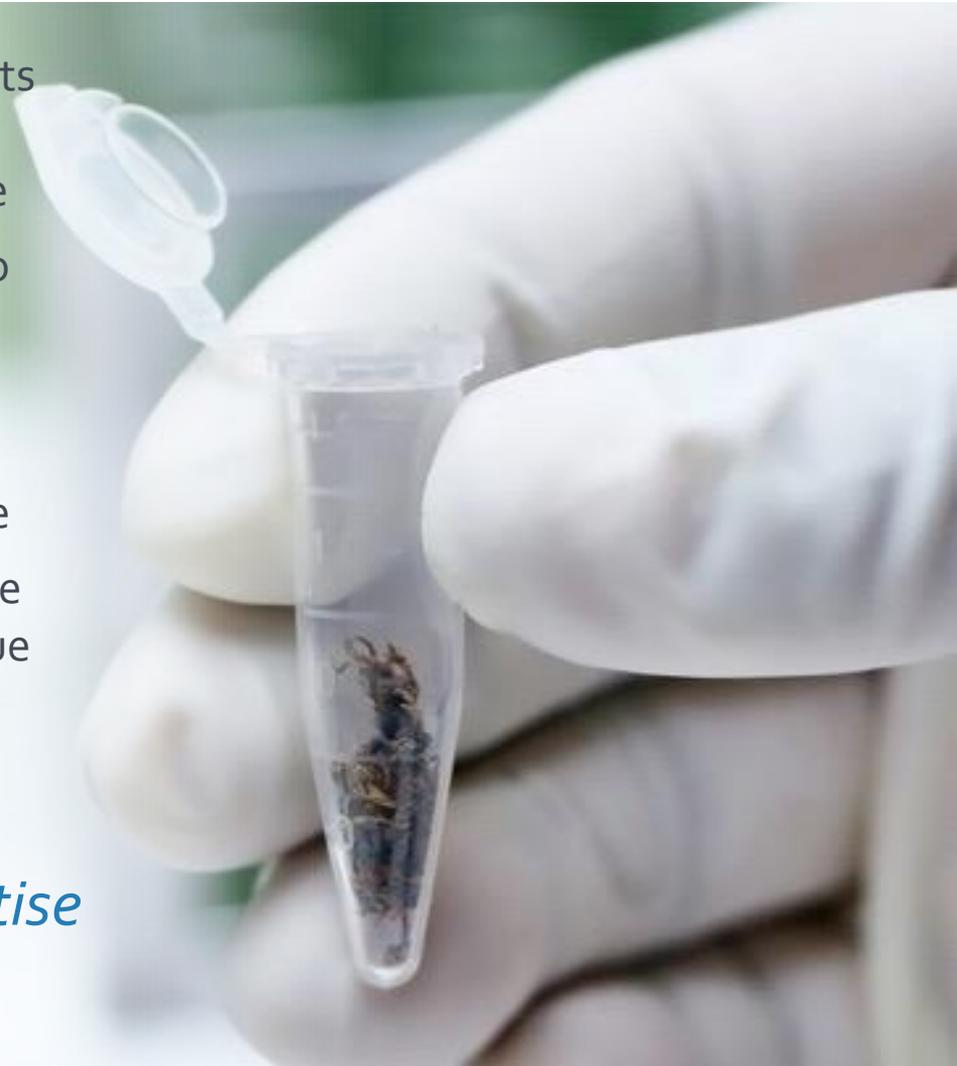
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# Current Situation: Nascent Industry

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- The medicinal cannabis industry is still in its infancy and dominated by small players with no pharmaceutical industry expertise
- This has led to questionable quality due to the lack of standardisation in formulation and dosage of cannabis derived products
- There is a remarkable lack of trusted cannabis brands in the global marketplace
- Established pharmaceutical companies are generally reluctant to enter the market due to evolving regulations

*Creso brings significant pharmaceutical industry expertise and rigour to the world of medicinal cannabis*



# Creso Pharma Ltd: Company Summary ASX:CPH



CEO Headquartered in Zug, Switzerland



COO based in Sydney, Australia



*Global development and commercialization of pharmaceutical grade cannabis and hemp derived therapeutic products using innovative delivery technologies*

- Creso Pharma's offices are in Zug, Switzerland, Sydney and Perth
- Best-in-class with highest Good Manufacturing Practice (GMP) certified processes
- Standardised cannabis-based treatments that meet international pharmaceutical standards
- Novel and proprietary delivery technologies ensuring high bioavailability and absorption
- Focused on Medicinal Cannabis in Australia and being responsive to regulatory shifts
- European Nutraceutical products for both humans and companion animals

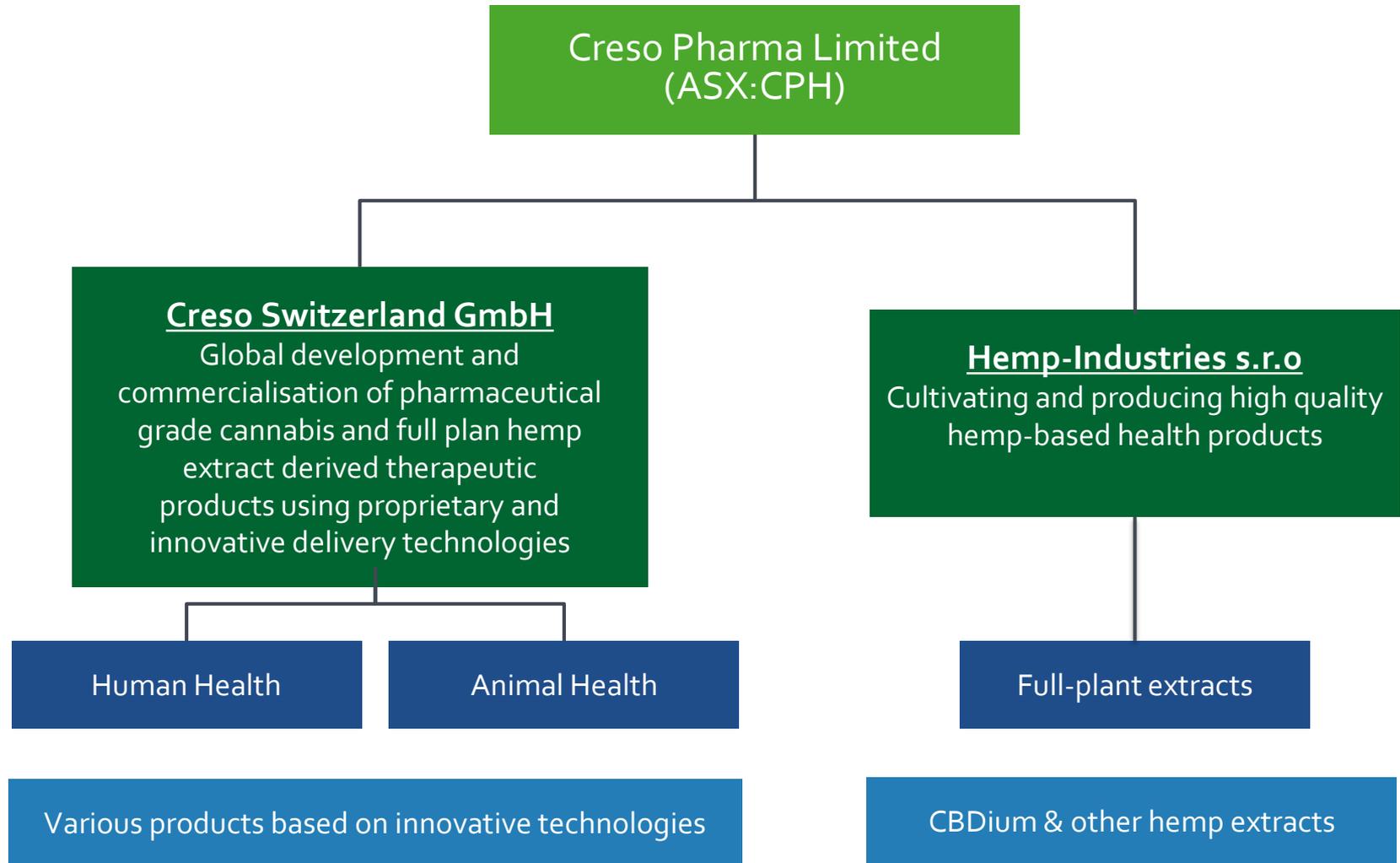
Market Cap @ 44 cents*	\$m	38.9m
Cash at Hand	\$m	~10.5m
Enterprise value	\$m	~28.4m
Shares on Issue	no.	88.3m
Top 20 shareholders	%	51.1%
Escrowed Shares	No.	15.6m (29.9% of Shares On Issue)

\*Data as at May 29, 2017

# Creso Pharma Ltd: Two distinct divisions



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# Creso Pharma Ltd: Mission Statement & Board



*"Creso Pharma brings pharmaceutical expertise and methodological rigour to the world of medical cannabis and strives for the highest quality in its products. It is the leader in cannabidiol (CBD) innovation and develops cannabis- and full plant hemp-derived therapeutic-grade CBD nutraceuticals and medical cannabis products with wide patient reach for human and animal health."*



**Dr. Miri  
Halperin Wernli**  
CEO &  
Co-Founder

Dr. Halperin Wernli is a senior pharma executive with over 25 years of strategic and operational leadership in global drug and product development in the pharmaceutical and biomedical industries. She held worldwide executive leadership positions in R&D and in strategic marketing within global pharmaceutical companies in Switzerland and in the US.



**Boaz  
Wachtel**  
Chairman & Co-  
Founder

Mr. Wachtel is a leading Medical cannabis expert, co-founder and former managing director of Phytotech Medical (MMJ.ASX), Australia's first publically traded medical cannabis company. He initiated and helped implement the National Medical Cannabis Program in Israel. Mr. Wachtel is a certified Clinical research manager and holds an MA in management and marketing from the University of Maryland



**Adam Blumenthal**  
Non-Executive  
Director &  
Co-Founder

Mr. Blumenthal has 10 years experience in investment banking and corporate finance. He has deep exposure to Australian and International markets, having provided capital raising and financing solutions to an extensive number of listed and unlisted companies. He has successfully brought to market several medical cannabis companies spanning Israel, Canada, Switzerland and Australia.



**Dr. James  
Ellingford**  
Non-Executive  
Director

Dr. Ellingford's professional life culminated in being President of an international publicly listed billion dollar business with its headquarters in Geneva, Switzerland and New York, USA. He has vast experience in the international arena and has successfully developed close ties with both financial institutions as well as governments throughout the world.

# Creso Pharma Ltd: Commercial/Market Access Advisors



**David Russell**  
Chief Operating Officer

Mr. Russell has more than 25 years' experience within the pharmaceutical and biotech industry with a number of leading global companies including Roche, Actelion Pharmaceuticals, Celgene and Novogen (ASX:NRT).

In particular, he has been responsible for building, leading and growing commercial teams resulting in multiple product launches in China, Australia and Asia in a number of therapeutic areas.



**Jorge Wernli**  
Industry Advisor

Mr Wernli is an expert in Market Access, Pricing Reimbursement & Government Affairs with more than 30 years of experience in Big Pharmaceutical companies and start-ups. Previously he dealt with and built relationships with Ministries of Health in Europe, South America and selected Asian countries.



**Dr. Gian Trepp**  
Industry Advisor

Dr. Gian Trepp is a senior pharma marketing executive with over 18 years of strategic and operational leadership. He held worldwide executive leadership positions in General Management and Marketing within global pharmaceutical companies in Switzerland and in the US. He is the founder and owner of GBT Pharma, UK.

# Creso Pharma Ltd: Scientific Advisory Board



**Dr. Isaac  
Kobrin**  
**Industry Advisor**

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Dr. Isaac Kobrin is an internist with 15 years experience in the academic medicine both in Israel and the USA. He has over 22 years of experience in the Pharma Industry in Roche and Actelion. He has been responsible for the worldwide development of key compounds and has held numerous leadership positions in medical organisations.



**Dr. Stéphane  
Redey**  
**Industry Advisor**

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Dr. Stéphane Redey has over 18 years experience leading teams in the technical development of innovative drugs and strategic outsourcing. He has held senior positions with global responsibilities in pharmaceutical companies in both Switzerland and Australia. He has led successful international collaborations with companies on four continents.



**Dr. Raquel  
Peyraube**  
**Industry Advisor**

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Dr. Raquel Peyraube is a specialist in the drug field with more than 28 years experience. Throughout her career she has been involved in training, prevention, treatment and harm reduction, developing innovative approaches emphasising ethical issues which has earned her international recognition. Dr Peyraube is currently a consultant on drug policy reform in Latin America.



**Prof. Dr. med Felix  
Gutzwiller**  
**Industry Advisor**

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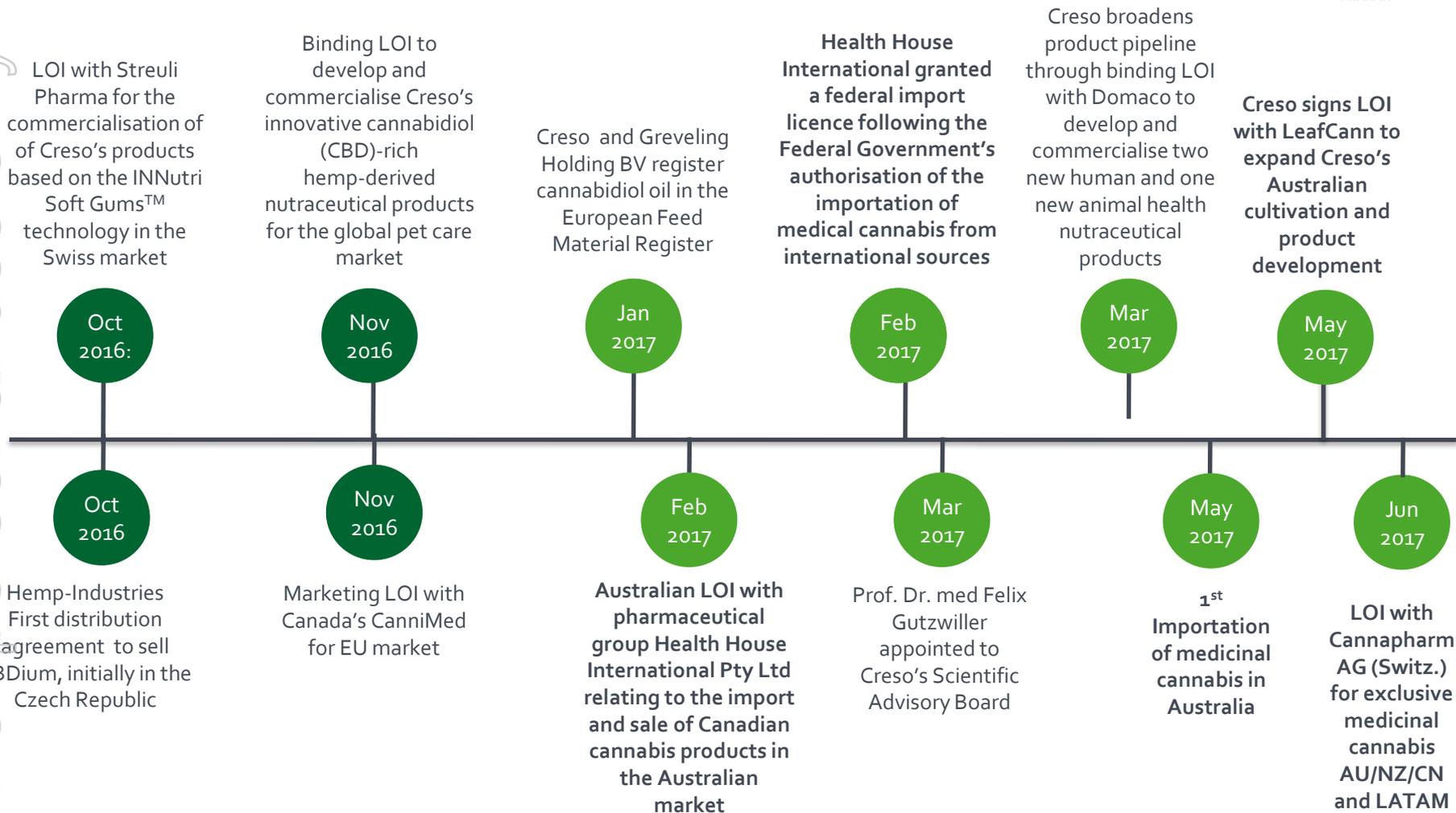
Felix Gutzwiller holds the titles of MD of the University of Basel, an MPH of the Harvard School of Public Health, Dr. PH of the Johns Hopkins University School of Hygiene and Public Health. He was a Professor at the University of Basel and a Professor of Social and Preventive Medicine at the University of Zürich (1988-2013), Emeritus since 2013.

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# Creso Pharma Ltd: Achievements since IPO



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# Creso Pharma Ltd: Investment Proposition



Fills void in current market with growing need for **trusted products** that meet the highest global pharmaceutical standards



**Near-term revenues**  
Product launches in the EU of animal (2017) and human (2018) products



Growing market opportunity with **six plus products in pipeline** targeting human and animal nutraceutical markets



**Exclusive licensing** deals that gives Creso access to unique drug delivery IP



**Diversified revenue stream** targeting human and pet health markets



Large **global market** that is only at the start of its growth



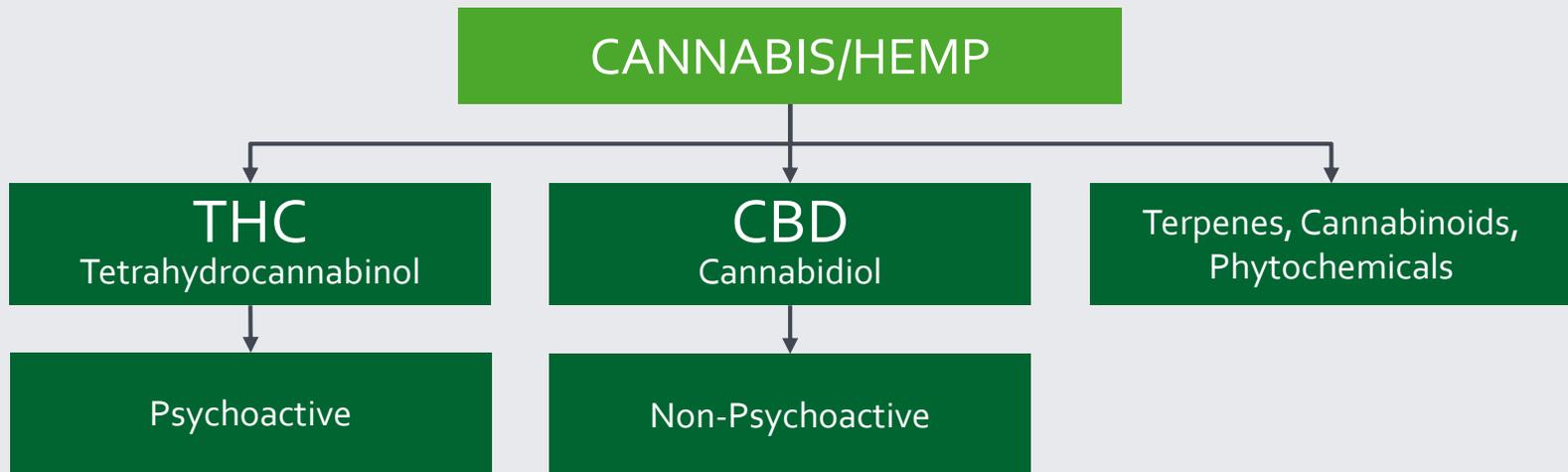
Company well placed to be the **“gold standard”** in cannabis and hemp derived therapeutics

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# Why Cannabis?

# Cannabidiol (CBD)

*Creso only uses **full plant extracts**. Cannabinoids and other compounds have a greater effect when taken together than when separated into individual compounds potentially **synergistically** to create the "Entourage Effect"*



1.

## Therapeutic benefits

- Anti-inflammatory
- Anti-convulsant
- Anti-oxidant
- Anti-emetic
- Anxiolytic
- Anti-psychotic

2.

## Potential treatment of:

- Anxiety/Stress Disorders
- Metabolic: Diabetes
- Neuro inflammation
- Neurological: Epilepsy
- Nausea
- Schizophrenia

3.

## For pets:

- Animal studies suggest that CBD may have anti-inflammatory effects, may stimulate and regulate appetite, and may modulate anxiety and pain – without psychoactive effects

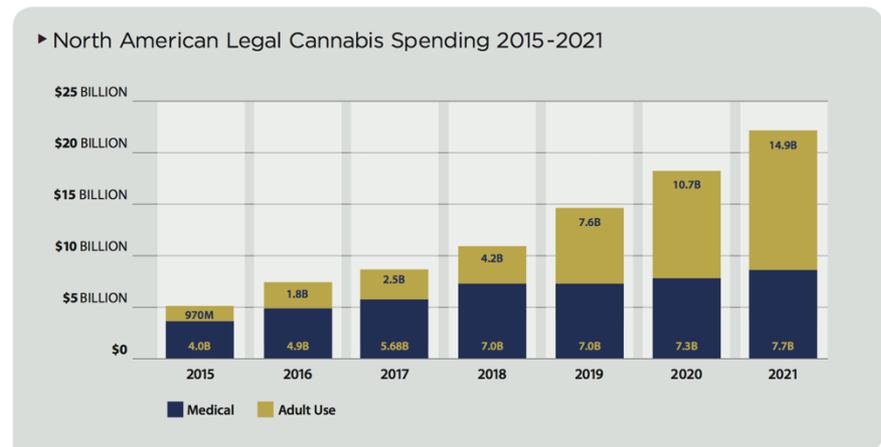
# Vast Market Potential

# Rapidly Growing Markets as Regulations Evolve

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- No data exists for Australian potential
- **Global:** Sales now exceeding \$4.5 billion
- **US:** A 3 million-patient market opportunity (More than 700K patients have already been prescribed)
- **Canada:** Estimated at \$144 million in 2014, rising to \$380 million by 2018, to \$1.3 billion in the next 10 years
- **Europe:** Vast unmet demand. Small quantities usually imported from Holland's only national medical-grade cannabis (MGC) program supplier - Bedrocan.

## US\$ Marijuana Sales Estimates



Country	Market Size
U.S.	\$6.4B
Canada	\$0.18B
Europe	\$7.53B
Australia (Est.)	\$0.150B

# Growth in Human Health Markets



## Nutraceuticals are a multi-billion dollar industry

- Total global nutraceuticals market reached **\$142.1 billion** in 2011
- Expected to reach **\$204.8 billion** by 2017
- The nutraceutical ingredient market is forecast to reach \$33.6 billion by 2018
- The overall US nutrition market was estimated at **\$137.4 billion** in 2012, with supplements accounting for **\$32.4 billion**



## Multiple drivers for continued growth

- Rising health concerns, the growth of key demographics and growing consumer desire to lead a healthy life and avoid dependence on synthetic drugs are identified trends that show no sign of slowing down



## Extremely lucrative for food and beverage companies

- Comparatively high margins
- Minimal regulatory requirements
- Germany, Switzerland, Netherlands, and Sweden have emerged as the key nutraceutical innovation hubs in Europe

# Creso Pharma Ltd: Filling Unmet Need in the Market



*The market for nutraceutical cannabinoids is still untapped*

1

**Generally, no GMP-certified production** to produce standardized high-grade plant extracts

2

**Lack of efficacious delivery systems** to ensure sufficiently high bioavailability

3

**Lack of seasoned pharmaceutical executives** to develop products and launch brands in this area

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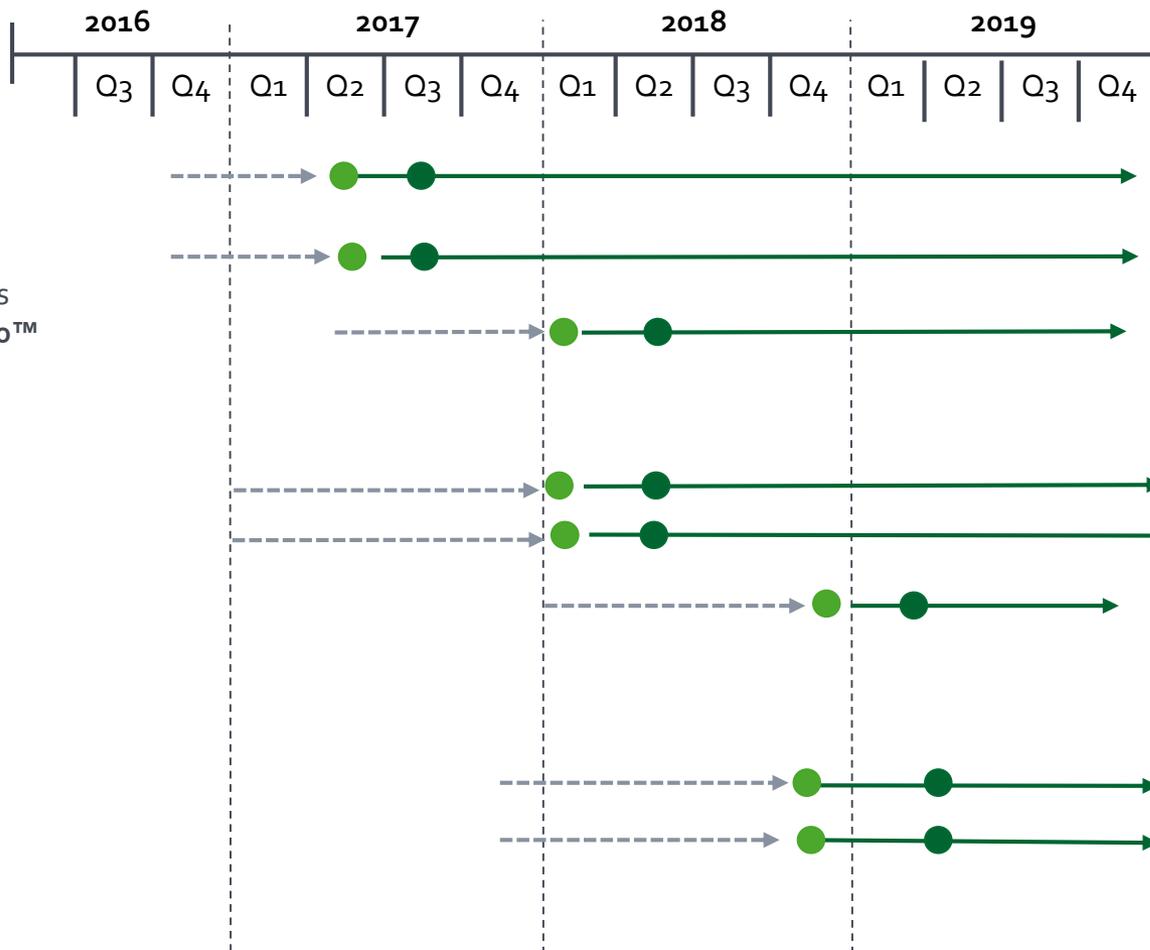
# The Creso Advantage

# Creso: Product Pipeline



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- Ready for launch
- Launch



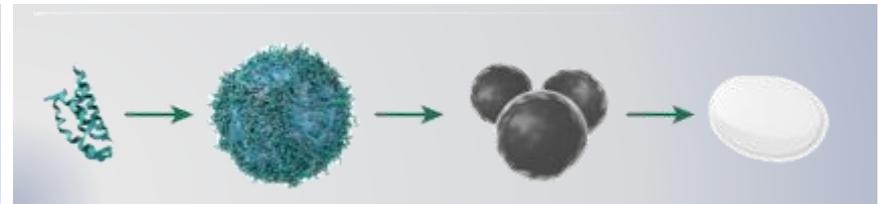
\* PPS = Prairie Plant Systems Canada/Cannapharm AG

# Creso: Unique Delivery Technologies

*Creso has exclusive world-wide use of two rapidly absorbed oral/buccal delivery technologies for cannabis treatments through licensing deals with:*

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INNutri Soft Gums™	BioLingus™ (Sublingual Tablets)
<p>Innovative soft chewable gums with a fillable center made of starch (not from animal material such as gelatin like other gums).</p>	<p>Novel proprietary platform for sublingual delivery of bio-active molecules for chronic diseases and immune-therapies.</p>
<ul style="list-style-type: none"> <li>✓ Easy to ingest</li> <li>✓ 60% cheaper than the gelatin capsules</li> <li>✓ Choice of flavours</li> <li>✓ Have non-sticky texture compared to other vegetarian products (starch, pectin)</li> <li>✓ Vegan, Halal and Kosher</li> <li>✓ Suited for geriatric and pediatric use</li> <li>✓ Heat resistant technology</li> <li>✓ Gluten and Lactose free</li> </ul>	<ul style="list-style-type: none"> <li>✓ Optimised and stable pill</li> <li>✓ Robust manufacturing process</li> <li>✓ Similar efficiency to subcutaneous injection in mice</li> <li>✓ Highly scalable production process</li> <li>✓ Relatively low cost</li> <li>✓ Long shelf life</li> </ul>



# Creso: Animal Health Nutraceutical Products



*Creso has four animal health feed nutraceutical products for Large Animals and small companion animals.*

*Launch planned for Q3 2017 and Q1 2018*

1

One product is aimed at large animals (horses where regulatory possible) which mainly targets stress, chronic joint pain and arthritis

2

Second product is aimed at small companion animals (e.g. dogs) which mainly targets behavioural problems and pain and senior animals with chronic joint pain and arthritis

- Globally 33% of households have a dog<sup>1</sup>
- The recession-resistant animal health products industry is projected to continue showing rapid growth
- One of the biggest challenges of pet ownership is maintaining pets health
- 41% of pet owners have considered or tried various alternative therapies including:
  - Nutritional supplements (29%)
  - Herbal remedies (7%)
  - Homeopathy (4%)

# In Australia: Medicinal Cannabis

*Creso is first to offer imported medicinal cannabis products to the Australian market following recent changes to Government legislation*

- Creso Pharma's Australian partner, Health House International, successfully imported the first medicinal cannabis products into Australia in May 2017 following changes to Government legislation

- Import was a range of three cannabis oils for human health from Canadian manufacturer CanniMed

- The oils can be used for a variety of conditions as approved by prescribing physicians under Australian Federal and State laws and regulations to meet immediate need for medicinal cannabis locally

- Products will now be distributed to authorised pharmacies by Health House with Creso receiving a facilitation fee for all products sold in Australia



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# In Australia: Medicinal Cannabis

## *LOI Signed with Cannapharm AG, Switzerland*

- Two Forms – Tincture and Oil

- THC/CBD

- 10:20 in the alcohol extraction
- 10:25 in the hemp oil extraction

- Exclusive Territory: Australia, New Zealand, China, Brazil, Mexico, Chile, Colombia



# Creso Pharma Ltd: Comprehensive Approach



*Hemp based full-plant medical grade CBD-rich nutraceutical products which are efficacious, safe, standardised in composition and dose*

A nutraceutical approach for both human and vet markets

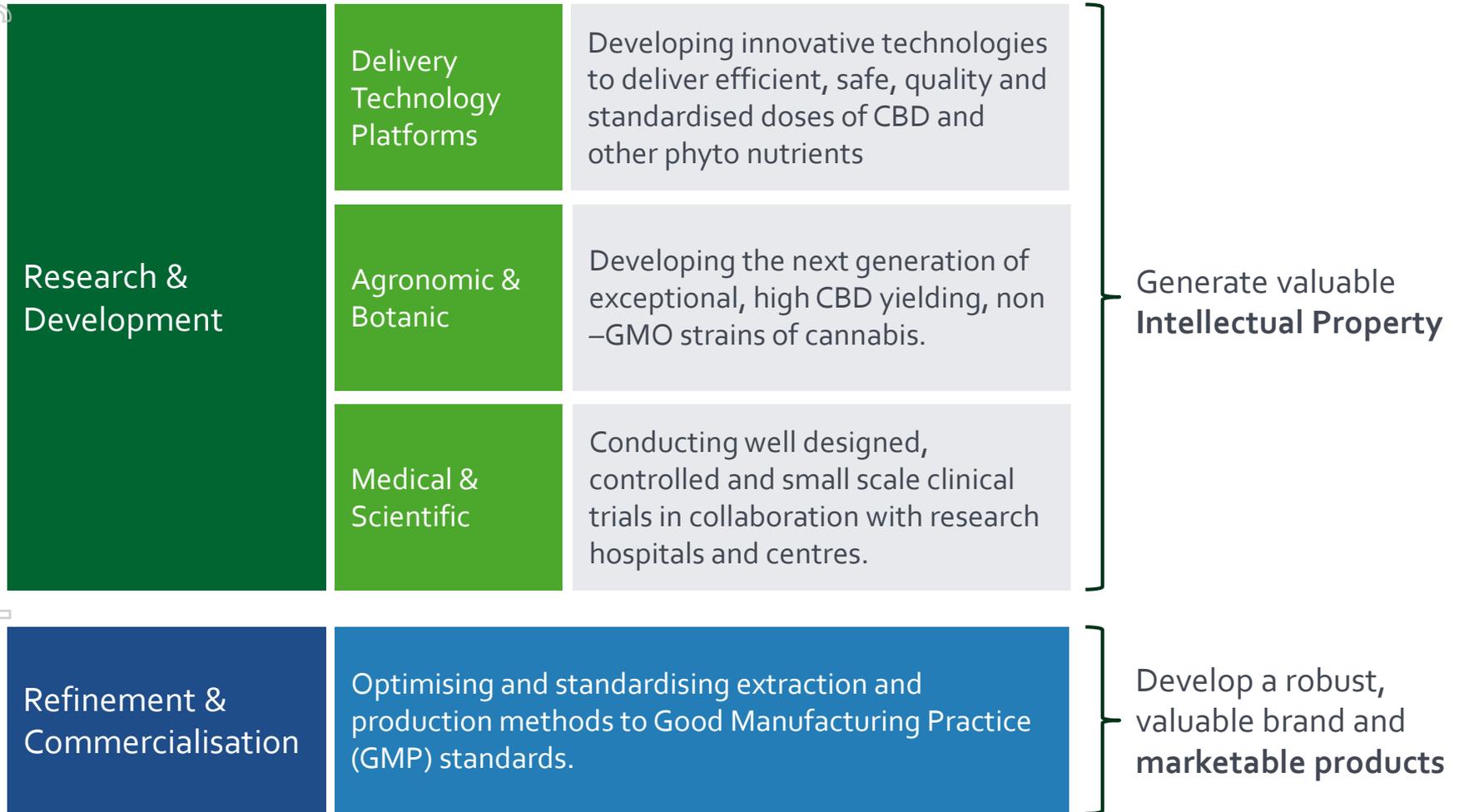
- 1 **GMP sourcing only:** nutraceutical products from GMP-certified plants located in Europe, syndicated to our needs
- 2 **Standardized extraction:** GMP- and/or ISO-compliant extraction processes, to supply products of excellent quality, purity, and safety
- 3 **Owning and developing unique delivery methods:** source and license innovative and proven delivery platforms including tablets and sublinguals to increase absorption and bioavailability
- 4 **Sales channels:** Will not be sold online but will be registered with health authorities with full registration files
- 5 **Clinical trials:** perform small-scale clinical trials to gain scientific data
- 6 **IP:** Secure IP across the value chain



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# Creso Pharma Ltd: Business Model

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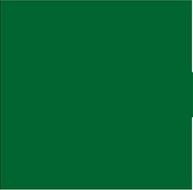
# Creso: Near-Term Revenues

*Product Development and Launches are in process and on track*

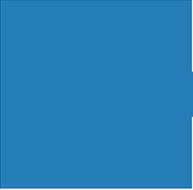
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Animal health product launches in the EU in 2017



Human health product launches in the EU in 2018



Medicinal Cannabis in Australia



Hemp Industries products organic growth off a small base

# Next 12 Months

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Assess North American biopharmaceutical company



Global product and market development - launch readiness

Q2CY2017



Pioneer Medicinal Cannabis in Australia



Launch of first animal health product for horses in EU



Launch of first animal health product for dogs in EU

Q3CY2017



Launch of first-generation human health nutraceutical product for anxiety and stress based on INNutri technology



Launch of second-generation nutraceutical human health product for anxiety and stress based on Domaco buccal technology



Launch of animal health product for horses and dogs based on Domaco technology

CY2018

# Investment Summary

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## Rapidly Growing Markets

- Increasing scientific evidence on efficacy of cannabis-based treatments
- Existing markets are expanding and new markets opening
- More countries are liberalising medicinal cannabis

Increased Consumer Demand



## Strongly Performing Sector

- Investor interest in sector is strong
- 50+ companies with business based largely on legal marijuana
- Industry in infancy with plenty of room to grow

Strong Sales Revenue



## "Gold Standard"

- Creso brings pharmaceutical industry rigour and professionalism to medicinal cannabis market
- Company well placed to be the gold standard in cannabis and hemp derived therapeutics

Industry Leadership



## Sound Business Model

- Near-term revenues
- Diversified revenue streams from human and pet health markets
- Best practice for CBD extraction and drug delivery
- Resources in place for global sales

Strong Company Returns

# Contact Information

For more information please contact:

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# Questions