

December 2019

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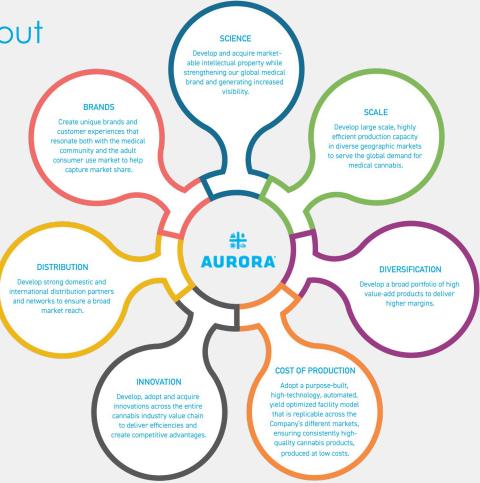
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### Capturing Margin Throughout the Cannabis Value Chain

Aurora is a **leader** in the domestic consumer market as well as the domestic and international medical cannabis markets. To achieve largescale growth and long-term, sustainable **profitability**, Aurora has identified a number of elements critical to driving the success of its strategy. This **dynamic growth strategy** will enable Aurora to capture greater margin across the entire cannabis industry value chain.



### Aurora: leader in the global cannabis industry

Sector leader in **technology** across **operations** and **product development** 

Active in **5 continents** and **25 countries** 

Industry leading gross margins & best-inclass indoor cash cost to produce of \$0.85/gram **15 global production facilities** with **2 EU GMP** certified <sup>(1)</sup>

Medical cannabis industry leader in **Europe** and **Latin America** 

**40 Clinical Studies** underway or completed <sup>(2)</sup> and over **84,000 medical patients** served

1. Includes 2 production facilities in Canada and 1 European distribution center

2. Studies include randomized clinical trials and observational studies in addition to several case studies.

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### Extensive Distribution Channels in Canada and Internationally



### **Cultivation Matters**

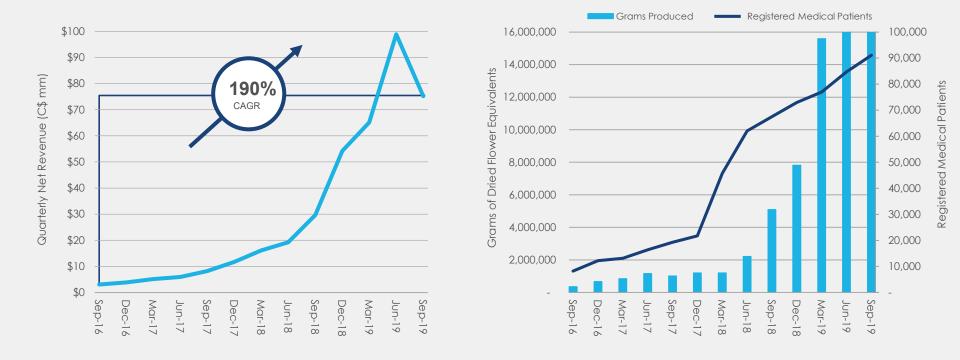
Mass Scale, High-Quality and Low-Cost Production is Crucial for Success



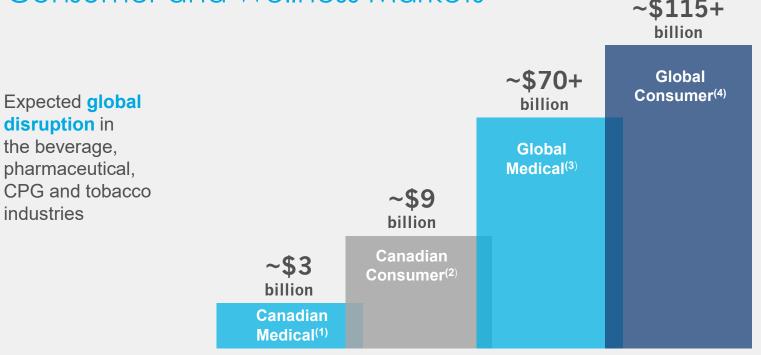
Mass scale, high-tech facilities designed to meet the fast-growing global demand for cannabis in the medical and consumer markets Extensive use of automation drives Aurora sustainable, low cost advantage

Focus on **high-quality products**, allows Aurora to service various end markets, starting with medical and pharma<sup>(1)</sup>, through precise control of every cultivation variable

### Strong Revenue, Patient and Production Growth



### Significant Opportunity Across Medical, Consumer and Wellness Markets



### Total global cannabis opportunity is ~\$200 billion

Source: BMO Research and Deloitte

1. Estimated for Canadian Medical TAM assumes LPs obtain retail prices for cannabis.

2. Estimate for total potential market opportunity for Canadian Adult-Use.

 Estimate consists of medical markets for the U.S., EU and LATAM markets only and assumes EU and LATAM TAM based on wholesale pricing while US TAM assumes retail pricing.



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4. Estimate consists of adult-use markets for the U.S. and EU markets only and assumes that LPs obtain retail pricing for cannabis.

### Significant Canadian Opportunities

Across Medical, Consumer, and Wellness Markets

Medical

dry flower

Margin (Outlook) Improving as contribution from derivatives increases

oils

soft gels

Keys to Success

**Product Mix** 

Patient capture Drive down costs Product innovation Branding through clinical trials

# Consumer

vapes concentrates gummies chocolates baked goods mints

**Enhanced Margin** through Premium and Innovative Products

R&D to develop high-margin productsComprehensive house of brandsLeverage medical reputation and credibility

## Successful Canadian Consumer Market Launch

### Top 3 Best-Selling Products in Ontario<sup>(1)</sup>



**#1 PINK KUSH** San Rafael'71 MedReleaf



**2 BLUE DREAM** urora by Aurora Cannabis



#3 TANGERINE DREAN San Rafael'71 MedReleaf



### 4 2019 Canadian Cannabis Awards

- ✓ Top Sativa Flower for San Rafael '71 Tangerine Dream
- ✓ Top Indica Flower for San Rafael '71 Pink Kush
- ✓ Top Cannabis Spray for Aurora Sativa Oral Spray
- Top Balanced Bottled Oil for MedReleaf Midnight Oil

### Comprehensive portfolio of medical and consumer brands:



1. Sourced from ON Cannabis Stores website OCS.ca; data taken as of September 2019

### Aurora Hemp

With expertise and valuable assets across the value chain, Aurora Hemp is an integrated operating unit that leverages high-quality genetics, extraction, product development, brands and distribution to drive the Company's global hemp strategy.





a leading processor & marketer of hemp based products and brands

Europe's largest producer, processor and supplier of organic hemp and hemp products

ELA a European hemp processor and distributor



**ENT** a global trailblazer in high-tech CBD extraction at a commercial scale



a South American pioneer in cannabis and hemp-based products



a joint partnership to examine the use of hemp-derived CBD on MMA athletes

an industry leader in science, genetics, and independent cannabis product testing



a portfolio of science-backed, high-quality, hemp-derived CBD products

### Establishing EU Market Leadership

European Union Population: ~465 million | Market Opportunity: ~C\$98 billion

**GERMANY** - The acquisition of Pedanios, now **Aurora Deutschland**, provides **distinct first-mover advantage** in the single largest federally legalized medical cannabis market with a population of **82+ million in Germany** 

EU GMP certified facilities necessary for success in the EU markets

Aurora currently holds a **leading market share** in the German medical market

70+ employees across Germany and the EU

Germany has **broad insurance coverage** for medical cannabis, allowing for **substantially higher margins** and is expected to reduce margin compression over time

Selected by the German Federal Institute for Drugs and Medical Devices as one of three winners in the public tender to cultivate and distribute medical cannabis in Germany **DENMARK** - First LP to ship medical cannabis to Denmark. Aurora also has Aurora Nordic, a 51% owned, 1,000,000 sq ft facility being built<sup>(1)</sup> in Odensk, along with a 100,000 sq ft retrofit facility

**MALTA** - First LP to receive cultivation LOI issued by the Maltese authorities to date and first LP to ship medical cannabis to Malta

**UNITED KINGDOM** - Authorities recently granted Aurora approval for its first shipment of medical cannabis into the UK from Canada

**ITALY** - Supplying cannabis to the Italian government through Aurora Europe. First LP to complete private export from Canada in April 2018

**CZECH REPUBLIC** - Supplying cannabis to Czech Medical Herbs s.r.o. ("CMH"), a Czech pharmaceutical wholesaler, for distribution to pharmacies throughout the country

**POLAND** - First LP to receive cannabis import permit from the Polish Ministry of Health

**PORTUGAL –** Joint venture partnership with Gaia Pharm Lda. to develop facility and produce medical cannabis and derivative products



## Q1 2020 Financial Results

\$ in Canadian millions, unless otherwise noted	Q1 2020	Q4 2019	Change (%)	Q1 2019	Change (%)
Financial					
Net Revenue	\$75.2	\$98.9	(24%)	\$29.7	153%
Gross Profit	\$53.7	\$67.0	(20%)	\$14,361	274%
Gross Margin on Net Cannabis Revenue	58%	58%	NC	70%	(17%)
Cannabis Inventory and Biological Assets	\$178.7	\$144.3	24%	\$80.8	121%
Cash Cost to Produce (per gram of dried cannabis sold)	\$0.85	\$1.14	(25%)	\$1.45	(41%)
Operational					
Average Net Selling Price of Cannabis	\$5.68	\$5.32	7%	\$8.39	(32%)
Kilograms Produced	41,436	29,034	43%	4,996	729%
Kilograms Sold	12,463	17,793	(30)%	2,676	366%

## Aurora's Path to Profitability



#### **NEAR TERM**

- Drive down costs by leveraging massive scale
- Protecting against eventual margin compression
- Leadership in Global Medical Markets
- Invest heavily in R&D to create optionality
- Brand building and protection through high-quality product

#### **MEDIUM TERM**

- Harvest Canadian market cash flow from near-term domestic strategy
- Leverage R&D work in higher-margin products (Vapes, CBD infusions, etc.)
- Global Medical leading to higher-margin sales

#### LONG TERM

- Branded high-margin products across both global medical and consumer markets
- R&D supports product development, brand development, and continued improvement in yields

## **High-Margin Strategy**

A Sustainable Long-term Business Model

## Maximizing average selling price through:

Leadership in key international markets allowing strategic focus on highest margin options (medical, new products)

Full margin capture in international markets through direct ownership of distribution channels

Commitment to science and product development > developing new higher margin products and marketable IP Driving down overall production per gram cash costs through:

Commitment to science and technology > increasing yields through genetics, low per gram operating costs from world-class automation and replicable largescale pharma-style production

Low-input cost locations

Leveraging massive scale to spread costs over a large volume of product

Production costs at scale are well below \$1 per gram

## Scientific Leadership Advantage

Strong Science & Innovation Team to Driving Medical Advancements



#### Jon Page, PhD Chief Science Officer

First scientist to sequence the cannabis genome and provide deep insights into the biosynthesis of cannabinoids



#### Jason Dyck, PhD Human Scientist, Director

Professor in the Department of Pediatrics at the University of Alberta and a Canada Research Chair in Molecular Medicine **40** Clinical Studies Underway or Completed<sup>(1)</sup>

7 Pre-Clinical Studies in Progress

27 Clinical Studies Currently Under Discussion



#### Kelly Narine, PhD Head of Biomedical Research

PhD in Medical Genetics from the University of Alberta; Deep expertise in translating research into positive health outcomes



#### Shane Morris, PhD Head of Product Development

Experienced executive in the cannabis industry since 2015; previously part of the senior leadership team at Hydropothecary

With Strong IP Retention on Clinical Studies

**Clinical Research Areas include:** Pain, Epilepsy, PTSD, Anxiety, Opioid Sparing, Cancer, Neurodegeneration

#### Partnering with Leading Institutions and Universities











1. Studies include randomized clinical trials and observational studies in addition to several case studies.

## Proven Management Team Driving High Pace of Execution



#### **Terry Booth** Chief Executive Officer

CEO of 6 successful companies with 25 years experience in highly regulated industries



### **Steve Dobler**

Successful entrepreneur, member of many public companies' board of directors. Responsible for raising substantial funds for Aurora



#### **Glen lbbott Chief Financial Officer** Strong senior financial executive with extensive life sciences sector experience



#### **Cam Battley Chief Corporate Officer**

Deep experience in pharma and cannabis sectors. Board member Cannabis Canada



#### **Neil Belot** Chief Global Business **Development Officer**

Former executive director of Cannabis Canada - Canada's trade association for Licensed Producers



#### **Jillian Swainson** Chief Legal Officer

Former Partner at Brownlee LLP with experience in corporate, commercial, intellectual property and securities law and providing advisory services in highly regulated industries



#### **Darren Karasiuk Chief Commercial Officer**

Successfully launched Aurora into the Canadian consumer market, achieving strong brand recognition for Aurora's brands. Former VP Insights & Advisory at Deloitte



#### **Carey Squires** EVP. Corporate Development & Strategy

Former Managing Director and Co-Head of Equity-Linked Capital Markets for BMO Capital Markets, with deep experience in the U.S. and Canadian capital markets,



#### **Debra Wilson Chief Human Resources**

Officer Seasoned leader with more than 25 years' experience in human resources, developing and practicing leading-edge methods



#### **Darryl Vleeming** Chief Information Officer

Over 20 years of experience in Senior IT leadership, project delivery, and IT strategic planning at publicly traded international corporations.





Globally renowned cannabis scientist. Co-lead of the Canadian team of scientists who first sequenced the cannabis genome. Co-founder of Anandia Labs



#### Allan Cleiren Chief Operating Officer

Experienced operational executive with nearly three decades leadership experience at private and public companies



## Strong Board of Directors



Michael Singer Executive Chairman

Former CFO, Clementia Pharmaceuticals Former CFO, Bedrocan Canada Corp.



**Terry Booth** Chief Executive Officer CEO of 6 successful companies 25 years experience in highly-regulated industries



### Steve Dobler

President

Successful entrepreneur, member of many public companies' board of directors. Responsible for raising substantial funds for Aurora



Shan Atkins Director Certified Public Accountant with over

Certified Public Accountant with over 20 years of corporate leadership experience. Served on public company boards, including Shoppers Drug Mart



Dr. Jason Dyck Director Professor in the Department of Pediatrics and Director of Cardiovascular Research Centre, University of Alberta



Norma Beauchamp Director

Former President and CEO of Cystic Fibrosis Canada, Director of Acerus Pharmaceuticals



### Ronald Funk

Deep consulting business experience, former VP Corporate Affairs and Competitive Improvement for Rothmans



### Adam Szweras

Director Experienced securities lawyer, Founder of US developer of marijuana, hemp oil, and edible products

Deep Expertise and Background in Cannabis, Hemp, Tobacco and Pharmaceutical



### Checking All the Boxes - A Platform for Accelerated Growth



# AURORA® CONTACT INFORMATION

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## Executing on the Global Cannabis Opportunity

### **Distribution**

- Largest Canadian private retailer of adult beverages including beer, wine, spirits
- ALCANNA
- Bringing a state-of-the-art consumer retail concept featuring a variety of brands and wide selection of cannabis products
- Opening 37 stores and retrofitting existing liquor stores into cannabis retail outlets
- Investment aids rapid development of Canadian cannabis retail network

### **Extraction**

• ~17% ownership interest



- Proprietary technology provides superior ingredient purity, yield, and cost
- Aligned with strategy of becoming the leading vertically integrated player considering the growing importance of cannabis extracts

### Cultivation

• First mover in Australia focused on developing medicinal cannabis products

### **Plant Science and Product R&D**



- Leading processor & marketer of hemp-based products and brands
- florafotonica Developer of advanced grow light technologies
- 0 micronwaste
- Leading organic waste technology company that developed an on-site system that turns organic waste into clean water



CAPCIUM<sub>inc.</sub>

- Provides safe, flexible, simple and innovative drug delivery systems for pain management therapies and treatments
- Platform specializing in softgel encapsulation; expands Aurora's differentiated, higher-margin product offerings

### **Consumer Engagement and Brands**



- Curated cannabis retailer with access to "craft" cannabis supply, and diverse brands for consumers
- Comprised of a portfolio of conscious lifestyle brands



 Technology enables the production of over 75 different pre-rolled product types, addressing a wide variety of market demands



- Developing a network of cannabis and accessory retail stores, as well as manufacturing and distributing branded cannabis accessories
  - AURORA 22

## Select Portfolio of Clinical Studies

Indication	Research Partners	Trial Name	Phase
Cancer Pain Management	OCOG, Sunnybrook Health Science Center, Hamilton Health Sciences, Juravinski Cancer Center	Cannabis Oil for Pain Effectiveness	tana II Santa Santa
Osteoarthritis	McGill University Health Network & Queen Elizabeth II Health Science Center	Vaporized Cannabis for Painful Osteoarthritis of the Knee	lla
Epilepsy	Royal University Hospital and University of Saskatchewan	CBD in Children with Refractory Epilepsy	П
Tourette's Syndrome	University Health Network	Vaporized Cannabis in Adults with Tourette's Syndrome	Ш
Pharmacokinetics	N.A.	Comparative Bioavailability and Pharmacogenomics Study of THC on Healthy Volunteers	T <sub>1</sub> -
Epilepsy	Ontario Brain Institute, UofT, University Health Network, University Hospital London, Toronto Western Hospital	CBD and THC Given as Adjunctive Therapy to Adults with Refractory Seizures	III
Genetics	Mount Sinai Hospital	Identification of Genetic Biomarker Signatures associated with Cannabis Efficacy and Dose in Survey Patients	N.A.
Chronic Pain	CFL Alumni Association, CannaConnect Clinic	Assessing the Effects of Medical Cannabis on Pain and Related Quality of Life in Retired Athletes with Chronic Pain	N.A.
Multiple Medical Conditions	University of Alberta	Health and Economics-Based Outcomes of Cannabis-Based Therapies	N.A.