



AVICANNA™

**Vertically Integrated Leader in  
Cannabinoid-Based Consumer Health  
and Pharmaceutical Products**

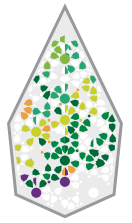
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Avicanna.com

November 2019

**TSX: AVCN**

# Forward-Looking Statement



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# Corporate Overview

## Developing Cannabinoid Products Through Science



### Advanced Cannabinoid Research and Clinical Development



#### R&D conducted with Canadian Cannabis Research Licence

Licence at the Johnson and Johnson Innovation Centre, JLABS @ Toronto (“JLABS”)



#### Research and pre-clinical development in collaboration with the University of Toronto,

focussed on advanced cannabinoid-based drug development with Dr. Christine Allen’s Research Group (“CARG”) at the Leslie Dan Faculty of Pharmacy



#### Clinical development with world-class institutions

with a focus on dermatology, neurology, oncology, and pain management



### World-Class Value Chain: Cultivation, Production and Manufacturing



**USDA Certified Organic\***, sustainable and economical cultivation projects in Santa Marta, Colombia utilizing optimal environmental conditions



**Extraction, isolation, and quality control** of active pharmaceutical ingredients (“API’s”) complying with Good Manufacturing Practices (“GMP”)




**GMP pharmaceutical manufacturing through exclusive** manufacturing agreement with Altea Farmaceutica S.A. (“Altea”), a GMP certified facility, located in Bogota, Colombia, which is compliant with Health Canada standards



### Product Offerings for the Global Market Place



#### Consumer and retail Products

- CBD derma-cosmetics: Pura Earth™  
Offered in retail in Colombia 



#### Rx and medical Products

- Phyto-therapeutic products: RHO Phyto
- Pharmaceutical products with a focus on dermatology, neurology, and pain

# Global Leader in Advanced Cannabinoid Research and Pharmaceutical Development



## Experienced and Multi-national Team Of 20+ Scientists And Clinicians

Four laboratories in Toronto, Canada & Bogota, and Santa Marta, Colombia



## R&D Headquarters at the MaRS Discovery District

**Cannabis Research Licence issued by Health Canada to Avicanna at JLABS located in the MaRS Centre**, the world's largest urban innovation hub, where Avicanna's scientists conduct research in collaboration with world-class researchers, academic, and clinical institutions



## Exclusive Collaboration Agreement with Dr. Christine Allen's Research Group ("CARG") at the University of Toronto

**Cannabis Research Licence issued by Health Canada to Dr. Christine Allen's laboratory at the Leslie Dan Faculty of Pharmacy at the University of Toronto**

Focused on Avicanna's pharmaceutical pipeline, including development and characterization through *in vitro* and *in vivo* analysis



# World-Class Value Chain: Cultivation, Production and Manufacturing



## 2 Fully Licensed Cultivation Subsidiaries

**Santa Marta Golden Hemp S.A.S. and Sativa Nativa S.A.S., both majority owned and managed subsidiaries of Avicanna**

**Organic and sustainable cultivation of cannabis in Santa Marta Colombia (SMGH is USDA Certified to cultivate organic hemp)**

Low cost, industrial-scale cultivation infrastructure with a current annual capacity of 20,000 kg's through 290,000 square feet of cultivation space

Utilizing optimal climate conditions allowing for consistent and reproducible crops



## Extraction, Production, and Purification

**In-house extraction and isolation infrastructure of cannabinoids in compliance with GMP and pharmaceutical standards**

Joint venture with Sigma Analytics to build the first GMP quality control cannabinoid analytical laboratory and independent testing service in South America to meet Health Canada, European Pharmacopeia, US Pharmacopeia standards ("USP")



## Manufacturing

**Exclusive contract manufacturing agreement with Altea Farmaceutica S.A.**

Pharmaceutical, phyto-therapeutic, and derma-cosmetic products manufactured in accordance with GMP certification by Health Canada, ANVISA (Brazil) and INVIMA (Colombia)

Industrial-scale production of several dosage forms, including: oil drops, creams, lotions, tablets, capsules, pellets, and chewable tablets



# The Micro-climate of Santa Marta and the Foothills of the Sierra Nevada Mountains

## Optimal environmental conditions

- Proximity to the Caribbean Sea and shipping ports
- Fertile lands, clean water, and optimal humidity levels
- 12 hours of sunlight year-round



Wind  
m / s

5.5



Temp  
°C

28



Rainfall  
mm

545



RH  
%

66



1

**Sun-grown** using **environmentally sustainable** practices



2

Competitive **cost advantages**, including low cost labour, land, and energy



3

Cultivated under Good Agricultural and Collection Practices (“**GACP**”)



4

Avicanna’s proprietary **extraction** and **purification** processes



5

**Licenses to cultivate CBD & THC** dominant strains for processing and sale in the Colombian domestic market and for export to the global market

# Extraction, Production, Purification, and Manufacturing



## High Quality Pharmaceutical Compliant APIs and Bulk Formulations

Utilizing proprietary extraction and purification processes in line with GMP standards and full quality controls meeting Health Canada, European Pharmacopeia, and USP standards

## Product Offerings: CBD, THC, CBN, CBC, CBG

- Whole plant crude oils (60-70% purity)
- Cannabinoid distillate (80-95% purity)
- Isolated and purified cannabinoid (98-99% purity)
- Cosmetic and food grade CBD



## Global GMP Certifications

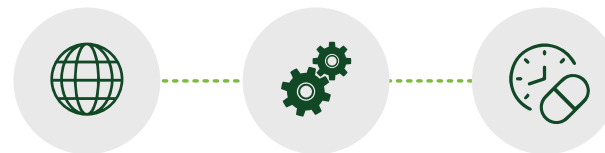
- ANVISA (Brazil)
- DIGMID (Perú)
- EU
- HEALTH CANADA
- INVIMA (Colombia)

## GMP Manufacturing of

- Pharmaceutical products
- Phyto-therapeutic products
- Derma-cosmetic products

## Dosage Forms:

Oil drops, creams, lotions, tablets, capsules, pellets, and chewable tablets



# Consumer & Retail Products (CPG): Pura Earth - Organic CBD Derma-Cosmetics

Launched Nation-wide in Colombia







## Consumer and Retail Products

### PRODUCT LAUNCH EXPECTATIONS\*:

- Colombia
- **Launched in 59 Locations (Chromantic & Blind)**
- EU 1Q20
- South Africa 1Q20
- Mexico 1H20

### COMMERCIALIZATION MODEL:

- Cosmetics retailers
- Pharmacies OTC-Cosmetics
- Dermatology clinics
- Pura Earth and retailer e-commerce

# Registered - CBD Derma-Cosmetics\*

Federally registered in Colombia and currently undergoing clinical trials for derma-cosmetic formulations to support and improve the health and appearance of the skin.



BEAUTY TREATMENTS

MOISTURIZE & PROTECTION

SPECIALIZED CARE

- Anti-Aging Serum
- Anti-Aging Treatment
- Under Eye Treatment
- Dark Spot Treatment

- Skin Protecting Face Lotion (AM)
- Skin Protecting Face Lotion (PM)
- Skin Protecting Body Lotion

- Clear Skin Treatment
- Intensive Conditioning Treatment

\*The product mock-ups that appear on this page are not indicative of final products that may be marketed and sold

## Anti-aging Gel Serum

- Study Design: **1 arm, n=54**

### End points

- Primary Endpoint:  
Evaluation (visual) in the improvement of fine lines and dark spots associated with aging
- Secondary Endpoints:  
viscoelasticity, hydrating Effect, TEWL, tolerability/acceptability and satisfaction

## Acne-prone Skin Moisturizer

- Study Design: **1 arm, n=54**

### End points

- Primary Endpoint:  
Hydrating effect
- Secondary Endpoints:  
Sebum production, Sensory evaluation (oily skin feeling), lesions evaluation (acne), tolerability/acceptability, QoL

## Eczema-prone Skin Moisturizer

- Study Design: **1 arm, n=54**

### End points

- Primary Endpoint:  
Hydrating effect
- Secondary Endpoints:  
viscoelasticity, skin softness, erythema, TEWL, tolerability/acceptability

# RHO Phyto - CBD and CBD/THC Offerings\*



\*The product mock-ups that appear on this page are not indicative of final products that may be marketed and sold



## Medical and Rx products

### PRODUCT LAUNCH EXPECTATIONS\*:

- Colombia 1Q20
- EU 1H20
- Australia 1H20
- Mexico 1H20

### COMMERCIALIZATION MODEL:

- Medical only - Prescription through practitioners
- Compound pharmacy – Magistral Formula
- Medical education through 120-hour CME course\*\*
- Pharmaceutical sales approach

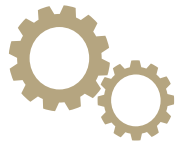
\*The product launch expectations are conditional upon regulatory approvals

\*\*The 120-hour CME course is still in development with Avicanna and the Universidad de Antioquia and expected to be completed by 1Q20

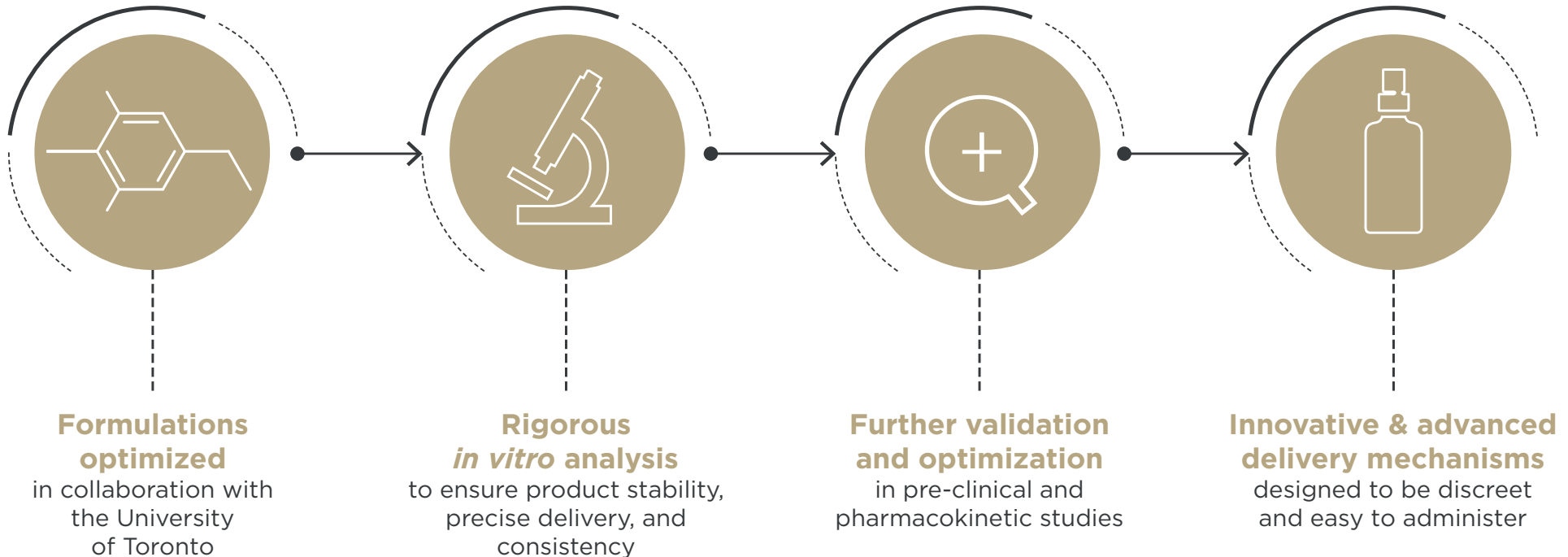
# RHO Phyto - CBD and CBD/THC Offerings



Organic and sustainable source of natural cannabis, formulated into cannabinoid-based phyto-therapies



USP-NF (pharmaceutical-grade) ingredients, manufactured in accordance with Health Canada and EU GMP standards



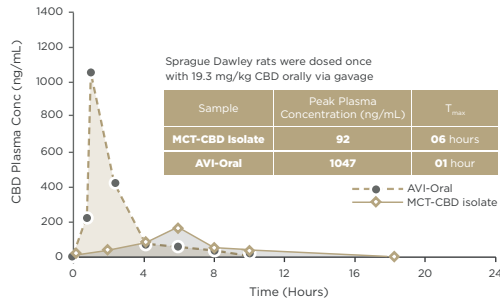
# RHO Phyto - CBD and CBD/THC Offerings



## Capsules: Rapid Onset

**Rapid, enhanced absorption:** peak levels within 1 hour

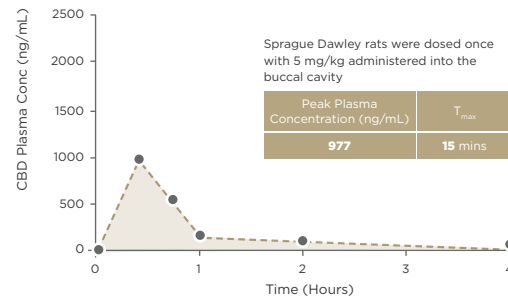
### Key pre-clinical findings\*



## Sublingual Spray: Rapid Onset

**Rapid absorption and systemic delivery** bypassing first-pass metabolism

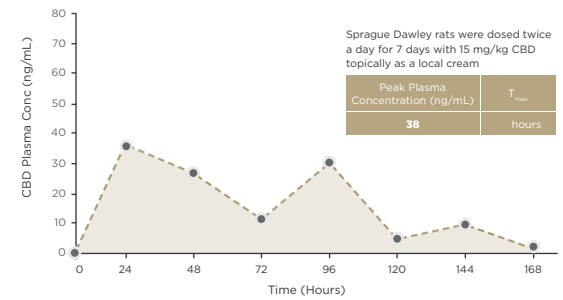
### Key pre-clinical findings\*



## Topical Cream: Local Delivery

**Localized delivery** for skin-related applications

### Key pre-clinical\* and toxicology findings



# Pharmaceutical Pipeline

Pharmaceutical product pipeline following the traditional drug discovery and development process for eventual submission to the applicable government agencies, such as Health Canada, FDA (United States) and INVIMA (Colombia)



## Dermatology

- Epidermolysis Bullosa
- Eczema
- Acne
- Psoriasis

## Pain

- Chronic pain
- Neuropathic pain
- Localized pain

## Neurology

- Epilepsy
- Multiple Sclerosis
- Parkinson's Disease

## Psychiatry

- Post-traumatic Stress Disorder ("PTSD")
- Anxiety and Depression
- Sleep disorders

## Oncology

- Palliative care

## Oral Health

- Gingivitis



# World Class Academic and Clinical Partnerships



## • University of Toronto

### **Dr. Christine Allen's Research Group in the Leslie Dan Faculty of Pharmacy**

Research and pharmaceutical development of cannabinoid-based products through characterization, *in vitro*, and *in vivo* studies

### **Dr. Michael Glogauer's Lab in the Faculty of Dentistry**

*In vitro* analysis of cannabinoid-based synergistic formulations for several oral health applications

## • The Hospital for Sick Children

CTA under review with Health Canada to commence a Phase II/III clinical trial evaluating the safety and efficacy of a topical CBD isolate cream for the orphan disease Epidermolysis Bullosa

## • University of Guelph

### **Dr. Jibrán Khokhar at the Department of Biomedical Sciences, Ontario Veterinary College**

Evaluation of pharmacokinetic, pharmacological and neurobiological effect of cannabinoids in psychiatric disorders and "dual-disorder" animal models

### **Dr. Maxwell Jones at the Department of Plant Agriculture**

Analysis of Avicanna's cultivars to provide genetic fingerprint and establish micropropagation methods for the cultivars. Additional studies include the development of polyploid plants which may be used as part of Avicanna's commercial seed production initiatives

## • Universidad de Antioquia

Will include, pending approvals, a Phase I dose escalation study on oral and sublingual cannabinoid pharmaceutical products and the development and launch of a continuing medical cannabinoid education course

## • Centro de Atencion e Investigacion Medica CAIMED S.A.S.

Several clinical studies including 3 Pura Earth derma-cosmetic trials and an anticipated Phase I pharmaceutical trial for a cannabinoid topical application

## • University of The West Indies (UWI)

Includes a prevalence study for neuropathic pain with respect to Sickle Cell disease and a planned phase II interventional study

# Pharmaceutical Pipeline



	Formulation Finalization	Pre-Clinical	Phase I	Phase II	Phase III	Pivotal
<b>Dermatology</b>						
Epidermolysis Bullosa*						
Eczema**						
<b>Neurology</b>						
Epilepsy						
Parkinson's Disease						
Multiple Sclerosis						
<b>Chronic Pain</b>						
Neuropathic Pain						
Arthritis						
<b>Oncology</b>						
Palliative Care						
Ovarian Cancer						
<b>Psychiatry</b>						
Anxiety						
Depression						

\*Phase I studies not required for this product; pending regulatory approval  
 \*\*Pending regulatory approval

# Clinical Trials



## Epidermolysis Bullosa Phase II/III

**Status:** Submitted CTA to Health Canada August 2019

**Trial Title:** The Efficacy and Safety of 3% Cannabidiol (CBD) Cream in Patients with Epidermolysis Bullosa ("EB"): A Phase II/III trial

**Principal Investigator:** Dr. Elena Pope, MD, MSc  
**Co-Investigator:** Dr. Irene Lara-Corrales, MD, MSc

**Trial Objectives:** Phase II/III study exploring the safety, tolerability, and efficacy of topical application of CBD on acute and chronic wounds affecting patients with EB

**Study Design:** Phase II: Open label cohort study; Phase III: Randomized, placebo controlled, blinded study, right vs left side extremity

**Main Inclusion Criteria:** Wounds that have not healed for over 4 weeks  
**Years of Age:** 4-50

**Study Duration:** Phase II: 4 Weeks / Phase III: 8 Weeks

**Centre:** The study will be conducted in the specialized EB Clinic at SickKids Hospital, Toronto.

### End Points:

**Phase II:** Tolerability (percentage of patients who experience any discomfort or, worsening that could be related to the medication), Safety (percentage of patients that needed to stop the medication as a result of an adverse event) and Target wounds' area (percentage change of area from baseline)

**Phase III:** Efficacy (blister count, pain, itch, improvement in wound healing, improvement in disease state) and safety (stopped medication, adverse effects, concentration of CBD in the blood, infection in the wound)

## Neuropathic Pain in Patients with Sickle Cell

**Status:** Ongoing Prevalence study prior to interventional study

**Trial Title:** Neuropathic Pain in Patients with Sickle Cell - Phase II in 2020

**Principal Investigator:** Monika Parshad-Asnani, DM PhD  
**Study Director:** Zachary Ramsay, MBBS

**Trial Objectives:** Prevalence study to determine the occurrence of neuropathic pain among Jamaicans with Sickle Cell Disease (SCD) and to conduct: Phase IIa: Interventional study with Avicanna's proprietary sublingual tablets to measure safety, tolerability and efficacy for neuropathic pain

**Study Design:** Prevalence study

**Main Inclusion Criteria:**  
**Years of Age:** 14+

**Study Duration:** 6 months

**Centre:** The study will be conducted in the specialized Sickle Cell division at The University of The West Indies

Patients identified with Neuropathic pain will be selected for our phase II study in 2020 (clinical protocol in development)

### Link to Clinical Trial

<https://clinicaltrials.gov/ct2/show/NCT04015401?term=Avicanna&rank=3>

# Patent Application and Intellectual Property



Application No.	Invention Title	Date of Filing	Status
US 62/813,817	Topical cannabinoid compositions and methods for treating skin diseases	05-Mar-19	Pending
US 62/887,158	Methods of cannabis cultivation	15-Aug-19	Pending
US 62/896,408	Oral cannabinoid compositions and methods for treating neuropathic pain	05-Sept-19	Pending
Cosmetics	Topical cosmetic product for acne	4Q19	Draft in progress
Cosmetics	Topical cosmetic product for eczema	4Q19	Draft in progress
Cosmetics	Two different anti-aging formulations	4Q19	Draft in progress

# Financial Highlights



**Common Shares\*: 22,294,723**

- Fully diluted: 25,942,104
- Free Float: 10,874,630
- Management and Board Escrowed 39 months\*\*: 10,523,077 – Escrowed 4 months\*\*\*: 1,495,022

**Market cap: \$81.4 M (CAD) – at market close on October 21<sup>st</sup> 2019 (\$3.84 CAD)\*\*\*\***

**Last Financing (April 2019): \$22.1M (\$44M in total interest) | \$8 Per Share)**

## Industry Peer Analysis as of October 22<sup>nd</sup> 2019

### CANNABINOID PHARMACEUTICALS

**GW Pharmaceuticals:**

NASDAQ: GWPH | \$3.75B (USD) Market Cap

**Zynerba Pharmaceuticals Inc:**

NASDAQ: ZYNE | \$198.807M (USD) Market Cap

**Lexaria Bioscience Corp:**

LXX.CN | \$58.978M Market Cap

### COLOMBIAN CULTIVATION

**PharmaCielo Ltd.:**

TSXV:PCLO | \$ 380.990M Market Cap

**Khiron Life Sciences Corp:**

TSXV: KHRN | \$134.682M Market Cap

**Clever Leaves**

(Private) | \$250M Market Cap

\* Number of common shares issued and outstanding as at September 20th, 2019

\*\* 10% released 3 months following the listing date, and 15% released every six months thereafter

\*\*\* 20% released on listing date, and an additional 20% released each month thereafter

\*\*\*\* www.bloomberg.com

# Executive Management Team



## Aras Azadian, M.Mgmt Chief Executive Officer

Aras brings extensive senior management experience in the biotechnology and financial sectors including his involvement in several successful start-up companies. In addition to his international experience in corporate development, his diverse roles include his previous position as the president of an investment corporation in the cannabis space and former Chief Operating Officer of an oncology company.

## Setu Purohit, JD President and Chief Legal Officer

Setu is a lawyer and entrepreneur with experience in complex corporate and legal strategy, contract negotiations, and litigation. Setu has been involved in the cannabis industry for several years as an advocate for patients' rights and advising healthcare professionals, licensed cannabis producers, and other corporate and regulatory stakeholders in Canada and abroad. Prior to co-founding Avicanna, Setu operated his own private practice since 2012.

## Dave Sohi, CPA, CA, CBV Chief Financial Officer

Dave received his Chartered Accountant designation in 2008, and following three years in audit and tax he joined the firm's business advisory practice as a manager. Dave's main focus in that group's practice was on mergers and acquisitions and valuation services. In 2010, Dave obtained his Chartered Business Valuator designation, and in 2013 joined Ernst and Young's Transaction Advisory Practice. Following a year with Ernst and Young, Dave opened his own practice where he provided clients with accounting and advisory services.

## Dr. Amza Ali, MD, FRCP, MBA Chief Medical Officer

Dr. Ali is certified in Neurology by the Federation of Royal Colleges of Physicians of the United Kingdom, and in clinical neurophysiology by the American Board of Clinical Neurophysiology. He is the President of the Epilepsy Society of the Caribbean. Additionally, he has an MBA from Rotman and an MSc in Research Methodology at the Henley Business School in the UK. Business School in the UK.

## Dr. Justin Grant, PhD, MBA EVP Scientific Affairs

Dr. Grant has over 15 years of experience in leading pharmaceutical research in sustained drug release formulations, has held academic positions at UHN and U of T and served as the research program manager of the STTARR Innovation Centre with Princess Margaret Cancer Centre UHN.

## Lucas Nosiglia, MFin Chief Agricultural Officer

Lucas is a seasoned entrepreneur and executive with experience across Europe, North America and South America, Lucas has been at the forefront of Avicanna's Latin America (LATAM) operations since the company's inception in 2016. His innovative and transformative approach in navigating the cannabis industry and his former involvement in management consulting, finance and health care have been invaluable in establishing and operating the company's Colombian subsidiaries including two fully operational cultivation projects that act as Avicanna's supply chain. Lucas' wealth of experience from working at Deloitte along with his exceptional management capabilities and leadership values are at the core of his success in leading Avicanna's largest teams. Lucas graduated with an Honours degree from Faculty of Economics of University of Buenos Aires and holds a Masters degree in Finance from EADA in Barcelona Spain

## Arash Moghani, MBA Chief Technical Officer

Arash began his career at Deloitte as a consultant leading complex strategy and business transformation projects across several sectors globally including banking, technology and healthcare. In 2014, Arash continued his career at the Bank of Montreal, Capital Markets FX Technology department working with diverse teams of stakeholders, gathering business requirements and translating them into comprehensive technology solutions and strategies.

## Janeth Mora, PharmD EVP Commercial Development

Janeth is an accomplished pharmaceuticals executive experienced in LATAM, including her tenure at INVIMA. Janeth brings executive management experience through roles in Merck and Pfizer, where she held different positions, such as Emerging Markets marketing director, as well as regulatory affairs manager in Pfizer Andean region.

## Jose Beltran, MBA EVP Corporate Development

Jose offers over 30 years of pharmaceutical industry and health system executive experience across several LATAM countries with Pfizer, Abbott, Aspen and Biotoscana. Industrial engineer and marketing specialist from University of Los Andes and Program for Leadership Development (PLD24) from Harvard University.

# Board of Directors



## Aras Azadian, M.Mgmt

Chairman of the Board of Directors and Chief Executive Officer

## Setu Purohit, JD

President, Director and Chief Legal Officer

## Dr. Chandrakant Panchal

### Lead Director

Dr. Panchal has been the Chief Executive Officer of Axcelon Biopolymers Corp. since 2008, has authored over seventy scientific papers, holds several patents in oncology, diagnostics, biopolymers and microbiology, and is an Adjunct Professor in Chemical and Biochemical Engineering at the University of Western Ontario. Dr. Panchal currently sits on the board of directors of both an oncology company known as Medicenna Therapeutics Corp. (MDNA), and Canadian Oil Recovery and Remediation Inc. (CVR) as well as Pure Global Cannabis Inc. (PURE). Dr. Panchal holds a Master of Science degree in Molecular Biology and a Ph.D. in Biochemical Engineering from the University of Western Ontario.

## David Allan White

### Director

Mr. White is a director and chair of audit committees of several Toronto Stock Exchange ("TSX") and NASDAQ companies. Mr. White has held several senior financial positions with John Labatt Limited, Lawson Marden Group Inc. and Laidlaw Inc. and most recently as Chief Executive Officer of TransCare Inc., a medical transportation company and as President and Chief Executive Officer of Student Transportation of America, a TSX listed company. In addition to sitting on Avicanna's Board of Directors and chairing the Corporation's audit committee, Mr. White has also been a corporate director and business consultant for FirstCall Services, a private holding company and advisory firm, since 2012. Mr. White has been a Canadian Chartered Accountant since 1978 and holds a Master of Business Administration degree from the University of Toronto.

## Giancarlo Davila Char

### Director

Mr. Char has experience with sustainable and organic cultivation and production of industrial scale palm oil as well as other agriculture crops such as avocados and coffee beans. In 2017, Mr. Char went on to lead a new branch of his family's business which is dedicated to producing private label oils for national distribution in supermarkets across Colombia. This business unit reached USD\$30,000,000 in sales in 2018. Mr. Char holds a Bachelor of Science in Business Administration from Northeastern University.

## Janet Giesselman

### Director

A Corporate Director at: Ag Growth International Inc. Omnova Solutions Inc. Twin Disc, Incorporated and at McCain Foods Limited, where she serves as Chair of the Environmental Health & Safety Committee as well as on the Audit and the Compensation and Management committees. Ms. Giesselman retired as the President and General Manager of Dow Oil & Gas, a business unit of The Dow Chemical Company, and has over 30 years of U.S. and international agriculture, energy and specialty and commodity chemicals industry experience in U.S., Europe, Latin America, the Middle East and Asia. Ms. Giesselman holds a B.Sc., Biology from Pennsylvania State University and a Masters in Plant Pathology from the University of Florida.

# Senior Scientific Team

## SENIOR SCIENTIFIC TEAM

### Dr. Frantz Le Devedec, PhD

SVP R&D

### Dr. Carlos Maldonado, MD

SVP Clinical Development

### Roland Alvarez

VP, Technical Operations

### Samantha Watt, MSc

VP of Scientific Affairs

### Pauric Bannigan

Senior Formulation Scientist

## GLOBAL SCIENTIFIC ADVISORY BOARD

### Dr. Humberto Reynales, Md, PhD

CAIMED

### Dr. Mauricio Torres-pradilla, Md, PhD

Fundación Universitaria De Ciencias

### Dr. Hance Clarke, Md, PhD

UHN and The Toronto General Hospital

### Dr. Alejandro Berlin, Md, Msc

Princess Margaret Cancer Centre

### Dr. Daniel N. Sauder

John Hopkins School of Medicine

## GLOBAL BUSINESS ADVISORY BOARD

### Alan Friedman

Rivonian Capital

### Dr. Alexis Movrammatis

ESADE Business School

### Felipe Gurrero

El Grupo Daabon

### Javier Hasse

Benzinga

# Major Milestones



## 3Q19

- ✓ IPO on the TSX senior exchange as an R&D issuer
- ✓ Canadian Cannabis Research Licence issued at MaRS Discovery District, Toronto
- ✓ First export of cannabinoids for R&D purposes from Colombia to Canada
- ✓ Commencement of clinical trials on 3 Pura Earth products by CAIMED

## Expected Upcoming Milestones\*

### 4Q19

- ✓ Organic (USDA) certification
- ✓ Retail and e-commerce launch of Pura Earth in Colombia
- ✓ First commercial exports of CBD API's out of Colombia
  - Completion of clinical trials on 3 Pura Earth products by CAIMED
  - First commercial export of Rho Phytotherapeutics products
  - Phase 1 expected cultivation capacity (410,000 sq/ft) completion at both SMGH and SN in Santa Marta

### 1H20

- Commencement of phase IIa Epidermolysis Bullosa trials at the Hospital for Sick Children in Toronto
- Retail and e-commerce launch of Pura Earth in Europe (Germany, UK, and Poland)
- Launch medical products in Colombia under the compound pharmacy model (Magistral)
- EU - GMP certification of SMGH for extraction and production of API's
- First commercial export of THC API's and THC products out of Colombia

### 2H20

- Phase II expansion of SMGH and SN cultivation capacity in Santa Marta
- Expansion of Pura Earth products into tier 2 countries (Mexico, Australia, Japan, and South Africa)
- Expansion of Rho Phytotherapeutics products into Europe, Mexico, and Australia
- Completion of EB studies and commencement of phase IIa neuropathic pain studies at UWI
- Phyto-therapeutic registration of specific RHO Phyto medical products in Colombia





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