



THE 3<sup>RD</sup> INTERNATIONAL  
MEDICAL CANNABIS  
CONFERENCE  
14-16 October 2018, Tel-Aviv

**Cann10**  
Everything  
Medical Cannabis

## SCIENTIFIC PROGRAM

### Monday, October 15, 2018

#### Plenary: **OPENING SESSION**

09:00 - 09:30

HALL E

09:00 Invited Speaker: **Yossi Bornstein**  
Chairman, Cann10; CEO Shizim – Biomed Holding Group (Israel)

09:10 Invited Speaker: **Yuval Landschaft**  
Mgr., Director of the Medical Cannabis Unit in the Ministry of Health (Israel)

09:20 **FOSTERING INNOVATION ECO-SYSTEMS – PRIVATE PUBLIC PARTNERSHIP FOR BUILDING INNOVATION ECO-SYSTEMS IN ISRAEL**  
Invited Speaker: **Anya Eldan**  
Vice President Head, Startup Division, Israel Innovation Authority (Israel)

#### **KEYNOTE LECTURE: THE PLANT CANNABINOIDS AND THE ENDOCANNABINOID SYSTEM – AN OVERVIEW OF RESEARCH OVER FIVE DECADES**

09:30 - 10:00

HALL E

09:30 Invited Speaker: **Raphael Mechoulam**  
Prof., Department for Medicinal Chemistry and Natural Products, Former University Rector, The Hebrew University of Jerusalem (Israel)

#### **KEYNOTE LECTURE: THE HEALTH EFFECTS OF CANNABIS AND CANNABINOIDS, WILL CANNABIS CURE CANCER?**

10:00 - 10:45

HALL E

10:00 Invited Speaker: **Donald Abrams**  
Prof., MD, Department of Medicine, University of California San Francisco (USA)

#### **BREAK: COFFEE BREAK & POSTER VIEWING & EXHIBITION VISIT**

10:45 - 11:15

HALL D



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### INNOVATIONS IN SCIENCE AND MEDICINE: PANEL DISCUSSION: OPENING THE GATES TO NEW CLINICAL RESEARCH

11:15 - 12:45

HALL E

**Chair: David Meiri** (Israel)

11:15 **INTRODUCTION**

Panelist: **David Meiri**

PhD, Assistant Professor, Heads the "Laboratory of Cancer Biology and Cannabinoid Research", Technion, Israel Institute of Technology (Israel)

11:25 **AN UPDATE ON CANNABIS CLINICAL RESEARCH. NEW DIRECTIONS AND PITFALLS**

Panelist: **Victor Novack**

MD, PHD, Prof. of Medicine, Clinical Epidemiologist, Head, Clinical Research Center, Head, Research Authority, Soroka University Medical Center (Israel)

11:45 **CANNABIS IN THE TREATMENT OF INFLAMMATORY BOWEL DISEASE**

Panelist: **Timna Naftali**

Dr., Deputy Head of Institute of Gastroenterology, Meir Hospital (Israel)

12:05 **CLINICAL RESEARCH ON MEDICAL CANNABIS AND CANCER**

Panelist: **Gil Bar-Sela**

Prof., Deputy Director of the Division of Oncology at Rambam Health Care Campus, Head of the Palliative and Supportive Oncology Unit (Israel)

12:25 **DISCUSSION**

### NEW TECHNOLOGIES, NEW OPPORTUNITIES: NEW FORMS OF MEDICAL CANNABIS PRODUCTS- ENHANCING DELIVERY AND EFFICACY

11:15 - 12:45

HALLS F-G- H

**Chair: Ofer Spottheim** (Israel)

11:15 **MAXIMIZING AND UNDERSTANDING THE BENEFITS OF PROPRIETARY DELIVERY TECHNOLOGIES FOR INCREASING BIOAVAILABILITY OF CANNABINOID MOLECULES**

Invited Speaker: **Robert Davidson**

CEO and Chairman of the Board of Directors, CURE Pharmaceutical Corp (USA)

11:35 **NOVEL HIGH-DOSE ORAL CANNABIDIOL (CBD) SELF-EMULSIFYING CAPSULES AND SYRUP**

Invited Speaker: **Doron Friedman**

Co-Founder, ICD Pharma Ltd. (Israel)

- 11:55 **INNOVATIVE DELIVERY METHODS: CANNABIS INFUSED EXPERIENCE**  
Invited Speaker: **Guy Shibaz**  
CEO, Trichomeshell (Israel)
- 12:15 **THE FEASIBILITY AND CHALLENGES ASSOCIATED WITH TRANSDERMAL DELIVERY OF CANNABINOIDS**  
Invited Speaker: **Jeremy Riggle**  
Chief Scientist, Mary's Medicinals (USA)
- 12:35 **Q&A**

**ADVANCED AGRICULTURE AND PRODUCTION: BREEDING AND GENETICS – METHODS AND TECHNIQUES**

11:15 - 12:15

HALLS K-L-M

**Chair: Shay Avraham Sarid (Israel)**

- 11:15 **LEADING INNOVATION FOR THE FUTURE OF MEDICAL CANNABIS CULTIVATION, BREEDING AND GENETICS - A DECADE OF ACHIEVEMENTS**  
Invited Speaker: **Ezri Peleg**  
Head of Breeding, Tikun Olam; Faculty of Agriculture, Hebrew University (Israel)
- 11:35 **MEDICAL CANNABIS PRACTICAL BREEDING**  
Invited Speaker: **Gilad Livni**  
Genetic Development and Consultant, Seach Ltd. (Israel)
- 11:55 **FIELD DATA BREEDING FOR MEDICAL INDICATIONS**  
Invited Speaker: **Shay Avraham Sarid**  
Co-Founder & CTO, Seach Medical Cannabis Group (Israel)

**BREAK: LUNCH BREAK, EXHIBITION VISIT & POSTER PRESENTATIONS**

12:45 - 14:00

HALL D

**INNOVATIONS IN SCIENCE AND MEDICINE: RESEARCH BREAKTHROUGHS – THE EFFECTS OF THERAPY USING MEDICAL CANNABIS ON NEUROLOGICAL DISEASES**

14:00 - 15:30

HALL E

**Chairs:** Kirsten Müller-Vahl (Germany), Uri Kramer (Israel)

14:00 **WHAT IS KNOWN ABOUT MARIJUANA'S POTENTIAL UTILITY IN TREATING TOURETTE SYNDROME?**

Invited Speaker: **Kirsten Müller-Vahl**

Dr., Director of Tourette Syndrome Clinic, Medical School of Hannover (Germany)

14:20 **CBD-ENRICHED CANNABIS OIL TREATMENT FOR REFRACTORY EPILEPSY - LONG - TERM PROSPECTIVE OPEN LABEL REGISTRY**

Invited Speaker: **Uri Kramer**

Prof., Director of Pediatric Epilepsy Service, Tel Aviv Sourasky Medical Center (Israel)

14:40 **EVALUATING CANNABIS IN NEUROLOGICAL DISORDERS**

Invited Speaker: **Gil Lewitus**

Dr., Research Associate Technion, Israel Institute of Technology (Israel)

15:00 **MEDICAL CANNABIS FOR CHILDREN WITH AUTISM**

Invited Speaker: **Adi Aran**

Dr., Director of the Neuro-Pediatric Unit, Shaare Zedek Medical Center Jerusalem (Israel)

15:20 **Q&A**

**NEW TECHNOLOGIES, NEW OPPORTUNITIES: THE MEDICAL CANNABIS MARKET IN CANADA POST-LEGALIZATION**

14:00 - 15:30

HALLS F-G-H

**Moderator:** Todd Scattini (USA)

14:00 **INTRODUCTION AND SUMMARY**

Invited Speaker: **Joshua Alper**

Managing Director, Cann10 North America; CEO, BLDV Blue Diamond Ventures Inc. (USA)

14:15 Panelist: **Roey Fishman**

COO & Co-Founder, Carmel Cannabis Group (Canada)

14:30 Panelist: **Samantha Roman**

Founder, Credible Cannabis (Canada)

14:45 Panelist: **Andrew Spasiw**

CEO, Quality Green Inc. (Canada)

15:00 Panelist: **Todd Scattini**

Global CEO, Harvest 360 Tech(USA)

15:15 Q&A

**ADVANCED AGRICULTURE AND PRODUCTION: RECENT TRENDS IN CANNABIS CULTIVATION NEXT GENERATION GROWING FACILITIES**

14:00 - 15:30

HALLS K-L-M

**Chair: Gilad Livni (Israel)**

14:00

**CLIMATE CONTROL**

Invited Speaker: **Itzhak Esqira**  
Ministry of Agriculture (Israel)

14:20

**FERTIGATION IN CANNABIS – FIELD EXPERIENCE**

Invited Speaker: **Roberto Natan**  
Extension Office in the Ministry of Agriculture (Israel)

14:40

**ROOT ZONE HEATING & COOLING FOR GREATER YIELD, QUALITY AND CONSISTENCY**

Invited Speaker: **Boaz Wachtel**  
Roots Sustainable Agricultural technologies Ltd. (Israel)

15:00

**THE INDOOR LIGHTING FACTOR IN MEDICAL CANNABIS**

Invited Speaker: **Uzi Avisar**  
CEO, LightCann 420 LTD. (Israel)

15:20

Q&A

**BREAK: COFFEE BREAK, POSTER VIEWING & EXHIBITION VISIT**

15:30 - 16:00

HALL D

**INNOVATIONS IN SCIENCE AND MEDICINE: THE OPIOID EPIDEMIC CANNABIS VS. OPIOIDS: WHAT IS THE RIGHT CHOICE?**

16:00 - 17:30

HALL E

**Chair: Shaul Lev-Ran (Israel)**

16:00

**CANNABIS FOR OPIOID HARM REDUCTION**

Invited Speaker: **Caroline MacCallum**  
Dr., Clinical instructor in the Department of Medicine, University of British Columbia (UBC) (Canada)

16:20

**MEDICINAL CANNABIS AND PRESCRIPTION OPIOIDS FOR THE TREATMENT OF CHRONIC PAIN: COMPARING RATES OF ADDICTION, DEPRESSION AND ANXIETY**

Invited Speaker: **Shaul Lev-Ran**  
Dr., Deputy Director, Lev Hasharon Medical Center, Director, Addiction Medicine and Dual Disorders Clinic, Pardesya (Israel)

16:40 **THE ISRAELI MULTI-CENTER REGISTRY OF MEDICAL CANNABIS (MC) FOR CHRONIC PAIN**

Invited Speaker: **Joshua Aviram**  
PhC, Research Assistant, Registered Nurse Rambam Medical Centre  
Internal Ward C, Nurse pain trustee Haifa University (Israel)

17:00 **CANNABIS: THE ULTIMATE REHABILITATION**

Invited Speaker: **Bareket Schiff-Keren**  
Dr., Pain Management Specialist (Israel)

17:20 **Q&A**

**NEW TECHNOLOGIES, NEW OPPORTUNITIES: INTELLIGENT INVESTING IN CANNABIS – WHERE, WHAT AND WITH WHO?**

16:00 - 17:30

HALLS F-G-H

**Chair: Doron Ben Ami** (Israel)

16:00 **AIMING FOR INTELLIGENT DEALS DURING THE CANNABIS GOLDEN RUSH**

Invited Speaker: **Nadav Gil**  
Head of the Global Investment and Innovation Incentives Practice, Deloitte Israel Canna-tech leader (Israel)

16:20 **INTELLECTUAL PROPERTY ASPECTS RELATED TO MEDICAL CANNABIS AND ITS USES AND INITIAL STEPS OF ENFORCEMENT**

Invited Speaker: **Hadassa Waterman**  
Head of our Biotech Department, Ehrlich Group (Israel)

16:40 **CANNABIS INVESTMENTS: INSIDE THE POT OF GOLD**

Invited Speaker: **Kfir Kachlon**  
Investments Principal and Cannabis-Tech Lead, Ourcrowd (Israel)

17:00 **FINANCING AND OTHER OPPORTUNITIES IN THE CANADIAN CANNABIS MARKET**

Invited Speaker: **Sandra Gogal**  
Partner at Miller Thomson LLP (Canada)

17:20 **Q&A**



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**ADVANCED AGRICULTURE AND PRODUCTION: POST - HARVEST - THE KEY TO SUCCESS**

16:00 - 17:00

HALLS K-L-M

**Chair: Gilad Livni (Israel)**

16:00 **POST HARVEST THE MOST IMPORTANT PART OF GROWING**

Invited Speaker: **Gilad Livni**

Genetic Development and Consultant, Seach Ltd. (Israel)

16:30 **Q&A**

**INNOVATIONS IN SCIENCE AND MEDICINE: PANEL DISCUSSION: PATIENTS WELLBEING: RISK AND SIDE EFFECTS MANAGEMENT**

17:30 - 18:30

HALLS F-G -H

**Moderator: Yuval "Tuby" Zolotov (Israel)**

Panelist: **Jonathan Grunfeld**

Dr., Palliative Care, Asaf Harofeh Medical Center (Israel)

Panelist: **Irit Avisar**

Co - Founder & President of the Israel Medical Cannabis Nursing Association IMCNA (RA)Israel)

Panelist: **Natalie Krapivensky**

Dr., Psychiatrist, Melbourne MediBrain and MediSleep Centre (Australia)

Panelist: **Abigail Dar**

Founder & CEO, CannaFora (Israel)

**NEW TECHNOLOGIES, NEW OPPORTUNITIES: CANNABIS, MORE THAN ONE COMPOUND MORE THAN ONE MEDICINE**

17:30 - 18:10

HALL E

**Chair: David Meiri (Israel)**

17:30 **THE SCIENCE BEHIND THE ENTOURAGE EFFECT**

Invited Speaker: **David Meiri**

PhD, Assistant Professor, Heads the "Laboratory of Cancer Biology and Cannabinoid Research", Technion, Israel Institute of Technology (Israel)

17:50 **THE ART OF CONSISTENCY: HOW TO MAINTAIN A SUCCESSFUL CHEMOVAR**

Invited Speaker: **Nadav Eyal**

Co-Founder & CEO, Eybna Technologies (Israel)



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**ADVANCED AGRICULTURE AND PRODUCTION: PLANT PROTECTION**

17:00 - 18:00

HALLS K-L-M

**Chair: David Silverman** (Israel)

**17:00 PESTS AND DISEASES IN MEDICINAL CANNABIS CROPS GROWN IN ISRAEL**

Invited Speaker: **David Silverman**

Plant protection specialist, Extension Office in the Ministry of Agriculture (Israel)

**17:20 SAFE USE OF PESTICIDES IN MEDICAL CANNABIS IN ISRAEL, "GOVERNMENTAL INTERVENTION AND REGULATION OF ORGANIC AND CHEMICAL PESTICIDES"** Invited

Speaker: **Laila Sheeney-Haj-Ichia**

Head. Chemistry & Pesticides Department, Ministry of Agriculture & Rural Development (Israel)

**17:40 BIO CONTROL PROGRAM IN CANNABIS**

Invited Speaker: **Izhar Engelhard**

IPM and Pollination Specialist (Israel)

**WELCOME RECEPTION**

18:30 - 19:30

**Exhibition Area (HALL D)**

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## Tuesday, October 16, 2018

### INNOVATIONS IN SCIENCE AND MEDICINE: WOMEN HEALTH CARE AND CANNABIS

09:00 - 10:30

HALL E

**Moderator: Meredith Rose Burak (USA)**

09:00 **INTRODUCTION**

Invited Speaker: **Meredith Rose Burak**  
Director of Global Relations, Asana Bio Group (USA)

09:10 **CANNABINOID AND ENDOMETRIOSIS: URGENT NEED FOR AN INNOVATIVE TREATMENT**

Invited Speaker: **David Soriano**  
Prof., Director of the Center for Endometriosis Treatment, Sheba Medical Center; Tel-Aviv University-Saklar Medical School (Israel)

09:30 **HARNESSING THE ENTOURAGE EFFECT FOR WOMEN HEALTH**

Invited Speaker: **Noa Raz**  
PhD, Senior scientist, Bazelet Group (Israel)

09:50 **CANNABIS DURING PREGNANCY AND LACTATION - WHAT DO WE CURRENTLY KNOW?**

Invited Speaker: **Orna Diav-Citrin**  
Prof., Senior Physician, The Israeli Teratology Information Service, Ministry of Health (Israel)

10:10 **DISCUSSION**



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**NEW TECHNOLOGIES, NEW OPPORTUNITIES: RECOGNIZED MEDICINE: NEW OPPORTUNITIES FOR TECHNOLOGIES AND INNOVATION**

09:30 - 10:30

HALLS F-G-H

Chair: **Orna Draezan** (Israel)

09:30 **STANDARDIZED BOTANICAL DRUGS- OPPORTUNITIES AND CHALLENGES**

Invited Speaker: **Orna Draezan**

Dr., CEO & Chairperson of the Board of Directors at Nextar (Israel)

09:50 **USING INNOVATIVE AND TAILORED CROPS TO IMPROVE THERAPEUTIC VALUE AND PRODUCTION EFFICIENCY**

Invited Speaker: **Gary Hiller**

**President & COO, Phytects (USA)**

**TRANSITIONING FROM TRADITIONAL INDUSTRIES TO THE FOREFRONT OF CANNAMED INNOVATION**

10:10 Invited Speaker: **Nir Peles**

Chairman, Cannassure (Israel)

**ADVANCED AGRICULTURE AND PRODUCTION: TESTING AND ANALYTICS**

09:00 - 10:30

HALLS K-L-M

Chair: **Revital Rapoport** (Israel)

09:00 **A CLOSER LOOK AT CANNABIS QUALITY CONTROL TESTING – FRO**

Invited Speaker: **Joshua Crossney**

President & Founder of CSC Events, LLC and jCanna, Inc. (USA)

09:20 **ACTIVE CANNABINOIDS – CHOOSING THE PROPER PARAMETERS TO ENSURE ACCURACY - A CASE STUDY**

Invited Speaker: **Revital Rapoport**

Ph.D, Head of Chemistry Division, Aminolab (Israel)

09:40 **NON-TARGETED ANALYSIS OF CANNABIS**

Invited Speaker: **Zohar Kerem**

Co-Founder, QuanaBE; Professor of Food Chemistry, the Hebrew University of Jerusalem (Israel)

10:00 **NON-DESTRUCTIVE ANALYSIS OF CANNABINOIDS**

Invited Speaker: **Oded Shoseyov**

Prof. Protein Engineering and Nano-Biotechnology The Robert H. Smith Institute of Plant Science and Genetics; The Hebrew University

10:20 Q&A



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**BREAK: COFFEE BREAK, POSTER VIEWING & EXHIBITION VISIT**

10:30 - 11:00

HALL D

**KEYNOTE LECTURE: ONE ON ONE - 2 LEADING RESEARCHERS DISCUSS THE FUTURE OF MEDICAL CANNABIS**

11:00 - 11:45

HALL E

Moderator: **Kirsten Müller-Vahl** (Germany)

Invited Speaker: **Raphael Mechoulam**

Prof., Department for Medicinal Chemistry and Natural Products, Former University Rector, The Hebrew University of Jerusalem (Israel)

Invited Speaker: **Donald Abrams**

Prof., MD, Department of Medicine, University of California San Francisco (USA)

**BREAK: SHORT BREAK**

11:45 - 12:00

**MEDICAL CANNABIS: GLOBAL OVERVIEW: POLICIES AND REGULATIONS**

12:00 - 13:20

HALL E

Chair: **Ariel Sender, Yuval Landschaft** (Israel)

12:00 **ISRAEL'S MEDICAL GRADE CANNABIS – NEW RECOMMENDATIONS**

Invited Speaker: **Yuval Landschaft**

Mgr., Director of the Medical Cannabis Unit in the Ministry of Health (Israel)

12:20 **NAVIGATING INTERNATIONAL LANDSCAPE - INTERNATIONAL DRUG CONTROL TREATIES**

Invited Speaker: **Pavel Pachta**

Independent Consultant, Former Deputy Secretary of The International Narcotics Control Board (INCB, Austria)

12:40 **AN OVERVIEW OF CANNABIS LEGALIZATION IN CANADA: ADULT RECREATION OR MEDICAL FLOODGATE**

Invited Speaker: **Samantha Roman**

Founder Credible Cannabis (Canada)

13:00 **INTERNATIONAL CANNABIS REGULATORY DEVELOPMENTS**

Invited Speaker: **Pavel Kubu**

MD CEO, International Cannabis and Cannabinoids Institute (Czech Republic)

13:10 Q&A



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**MEDICAL CANNABIS: MEDICAL CANNABIS INTELLECTUAL PROPERTY - HOW TO PATENT A 3 000 YEAR OLD DRUG (JMB DAVIS BEN-DAVID SPONSORED SESSION)**

11:50 - 13:10

HALLS F-G-H

Chair: **Heli Dangur**, Business Development Manager, Cann10 (Israel)

11:50 Invited Speaker: **Avraham Hermon**  
Patent Attorney at JMB Davis Ben-David (Israel)

Panelist: **William Levine**  
Izun Pharma (Israel)

Panelist: **Iris Bincovich**  
Innocan Pharma (Israel)

Panelist: **Hadile Ounallah-Saad**  
CannAssure Ltd. (Israel)

12:50 **MEDICAL CANNABIS: INVESTMENT TRENDS AND OPPORTUNITIES WITHIN THE SPACE IN NORTH AMERICA, AND GLOBALLY**

Invited Speaker: Justus Parmar  
CEO, Fortuna Investments (Canada)

**ADVANCED AGRICULTURE AND PRODUCTION: THE GREEN CHAIN - FROM FARM TO PATIENT**

12:00 - 13:20

HALLS K-L-M

Chair: **Iris Teitelbaum**, Director of Cann10 International Educational program & Conferences Department (Israel)

12:00 **THE GREEN CHAIN - FROM FARM TO PATIENT**  
Invited Speaker: **Hagit Wenstock**  
Weinstock Zehavi & Co. (Israel)

12:20 **THE BUSINESS OF INTERNATIONAL MEDICAL CANNABIS**  
Invited Speaker: **Nic Easley**  
Founder & CEO of 3C Consulting; CEO Managing Partner Multiverse Capital (USA)

**BREAK: LUNCH BREAK, POSTER VIEWING & EXHIBITION VISIT**

13:20 - 14:00

HALL D

#### ORAL PRESENTATION 1: SCI THEORY/GENERAL ASPECTS

14:00 - 15:00

HALL E

Chair: **Jonathan Grunfeld** (Israel)

14:00 **RATIONALE TO EVALUATE COMMUNITY-LED INTERVENTIONS EMPLOYING CANNABIS AS HARM REDUCTION DURING THE OPIOID OVERDOSE CRISIS**

M.J. Milloy, K. Heed (Canada)

14:15 **KNOWLEDGE AND ATTITUDES ABOUT CANNABIS AMONG MENTAL HEALTH CLINICIANS**

J. Roberts, J. Marcu (USA)

14:30 **UTILIZATION OF MEDICAL CANNABIS OBSERVATIONAL DATA TO DESIGN RANDOMIZED CLINICAL TRIALS: THE SANTÉ CANNABIS MODEL**

E. Prosk, A. Vigano (Canada)

14:45 **CONCRETE EVIDENCE OF MEDICAL CANNABIS SAVING LIVES AND HOW DATA CAN HELP THE CAUSE**

P. Millar (Canada)

#### ORAL PRESENTATION 2: SCI PRACTICAL ASPECTS

14:00 - 15:00

HALLS F-G-H

Chair: **Ilya Reznik** (Israel)

14:00 **NEW FRONTIERS IN TREATING CHRONIC INSOMNIA IN CANADIAN VETERANS WITH PTSD: RETROSPECTIVE ANALYSIS REVEALS AN INNOVATIVE ROLE FOR MEDICAL CANNABIS IN OPTIMIZING SLEEP/WAKE HEALTH**

C. Thirlwell, K. Rainville, D. Miri, A. Donath, H. Shulman, R. Rivas (Canada)

14:12 **MEDICAL CANNABIS OIL: RESULTS FROM THE FIRST-IN-HUMAN PHASE 1, DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED STUDY**

M.F. Arboleda, E. Prosk, G. Chamberland, A. Vigano (Canada)

14:24 **CANNABIS USE AS AN ALTERNATIVE FOR OPIOIDS, ANTIPSYCHOTICS AND ANTIDEPRESSANTS AMONG GERIATRIC PATIENTS IN A LONG-TERM CARE SETTING: A CASE SERIES**

B. Pearson (Canada)

14:36 **THE EFFECTS OF CANNABIS USE ON CARDIAC RATE AND RHYTHM IN POST-MYOCARDIAL INFARCTION SUBJECTS**

C. Tompkins, L. Walker (USA)

14:48 **FREQUENT CANNABIS USE ASSOCIATED WITH LOWER RISK OF NON-FATAL OVERDOSE IN A SETTING WITH A COMMUNITY-WIDE OPIOID OVERDOSE CRISIS**

M.J. Milloy, S. Lake, E. Socias, K. Hayashi, K. DeBeck, E. Wood (Canada)

### ORAL PRESENTATION 3: BZ/AGR /INDUSTRY AND AGRICULTURAL ASPECTS

14:00 - 15:00

HALLS K-L-M

Chair: **Michael Dixon** (Canada)

- 14:00 **CANNABINOIDS IN DENTISTRY FUTURE REVOLUTIONARY CONCEPT IN DENTAL TREATMENTS**  
V. Stahl (Belgium)
- 14:12 **FUNGI GET "HIGH" WITH THE SYNTHETIC CANNABINOID HU-210 ?**  
D. Steinberg, R. Smoun, R. Mechoulam, M. Feldman (Israel)
- 14:24 **VIRTUAL REHABILITATION CENTRE (VRC), AN INTEGRATIVE, MULTI-MODAL FOLLOW-UP TOOL FOR CHRONIC PAIN**  
A. Boshyk, S. Mosaad, R. Marques (Canada)
- 14:36 **PROS AND CONS OF CLONING PROPAGATION AND HOW TO SHIFT TO SEED PRODUCTION**  
H. Less (Israel)
- 14:48 **ULTRASOUND-ASSISTED EXTRACTION OF CANNABINOIDS FROM CANNABIS SATIVA**  
**L.**  
L. Csoka (Hungary)

### INNOVATIONS IN SCIENCE AND MEDICINE: CANNABIS TREATMENT FOR THE THIRD AGE

15:00 - 16:30

HALL E

Moderator: **Ran Abuhasira** (Israel)

- 15:00 **INTRODUCTION: MEDICAL CANNABIS IN THE ELDERLY POPULATION - DATA FROM ISRAELI REGISTRIES**  
Invited Speaker: **Ran Abuhasira**  
MD-PhD candidate, Ben Gurion University of the Negev and the Faculty of Health Sciences (Israel)
- 15:10 **AN ULTRA-LOW DOSE OF THC AS A FEASIBLE REMEDY FOR AGE-RELATED COGNITIVE DECLINE: BEHAVIORAL, BIOCHEMICAL AND MRI EXPERIMENTS IN MICE**  
Invited Speaker: **Yosef Sarne**  
Prof., Dept. of Physiology and Pharmacology, Faculty of Medicine, Tel Aviv University (Israel)
- 15:25 **DEMENTIA AND CANNABIS TREATMENT**  
Invited Speaker: **Vered Hermush**  
Dr., Medical Director of the Geriatric Wing, Laniado hospital (Israel)
- 15:40 **TREATMENT FOR SLEEP, APPETITE DISORDER, DEPRESSION AND PAIN IN THE ELDERLY**  
Invited Speaker: **Addie Ron**  
MD, Medical Director, Niamedic (Israel)
- 15:55 **PERSONALISED CANNABIS TREATMENTS TRANSFORMING HEALTHCARE DELIVERY FOR EU AGEING POPULATION**  
Invited Speaker: **Pavel Kubu**  
MD CEO, International Cannabis and Cannabinoids Institute (Czech Republic)

16:10 Discussion

**CANN10 STARTUP COMPETITION: STARTUP FINALISTS ROADSHOW (SUPPORTED BY REINHOLD COHN GROUP)**

15:00 - 16:00 HALLS F-G-H

**ADVANCED AGRICULTURE AND PRODUCTION: AGRO - TECH - CREATING A CONTROLLED ENVIRONMENT FOR IMPROVED PRODUCT AND YIELD**

15:00 - 16:30 HALLS K-L-M

Chair: **Nirit Bernstein** (Israel)

15:00 **INTRODUCTION: STANDARDIZATION OF SECONDARY METABOLITIC CONTENTS IN MEDICAL CANNABIS PLANTS**

Invited Speaker: **Nirit Bernstein**  
Dr., Institute of Soil Water and Environmental Sciences, Aro Volcani Center (Israel)

15:20 **THE LATEST SPACE EXPLORATION LIFE SUPPORT TECHNOLOGY FINDS APPLICATIONS IN MEDICAL CANNABIS PRODUCTION**

Invited Speaker: **Michael Dixon**  
Professor & Director of Controlled Environment Systems Research Facility School of Environmental Sciences University of Guelph; Chair of the Space Exploration Advisory Committee of the Canadian Space Agency (Canada)

15:50 **INDOOR CANNABIS CULTIVATION FOR RESEARCH AND DEVELOPMENT**

Invited Speaker: **Autumn Korcey**  
CEO Cultivo, Inc.(USA)

16:15 **QUESTIONS AND ANSWERS**

**BREAK: COFFEE BREAK, POSTER VIEWING & EXHIBITION VISIT**

16:30 - 16:45 HALL D

**KEYNOTE LECTURE: INNOVATION IN BRAIN IMAGING FOR IMPROVING CANNABIS TREATMENTS**

16:45 - 17:15 HALL E

Chair: **Kobi Caspi**, CFO cann10 & Shizim group (Israel)

16:45 Invited Speaker: **Iftach Dolev**  
CEO & Co-Founder NIBS Neuroscience Technologies (Israel)

**STARTUP COMPETITION ANNOUNCEMENT AND CONFERENCE CLOSURE**

17:15 - 17:30 HALL E