

4th International Conference on
**Traditional Medicine,
Phytochemistry and
Medicinal Plants**
(Online Meeting)

Meeting Time Zone
Central European Time (CET) (UTC/GMT +1:00 hours)

**February
07-08
2022**

<https://traditionalmedicine.unitedscientificgroup.org/>

Join the Meeting

<https://us06web.zoom.us/j/81581542118?pwd=QSs2aGdLdTdCOWNyZU9xekVJTfh1Zz09>Meeting Time Zone
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10:00-10:10 Join the meeting (AV Check)

10:10-10:20 Introduction and Opening Remarks by **Conference Chair: Abdullatif Azab**, Carobway, Israel**Keynote**10:20-11:00 **D-Pinitol in Carob Products: Great Future is Ahead****Abdullatif Azab**, Carobway, Israel11:00-11:40 **The CORONA Pandemic - Ever, still a Case for Phytotherapy?****Rainer Stange**, Charite University Medicine Berlin and Immanuel Hospital, Germany

11:40-11:50 Break

**Session-1 Quality Control and Marketing of Herbal/Medicinal Products
Phytochemistry And Phytomedicine****Oral Presentations**11:50-12:10 **Pesticides and Mycotoxins Evaluation in Medicinal Herbs and Spices from EU and Non-EU Countries****Dario Lucchetti**, Istituto Zooprofilattico Sperimentale del Lazio e della Toscana "M. Aleandri", Italy12:10-12:30 **Stingless Bee Honey as A Halal and Togyib Superfood: The Beekeeper's Challenges****Adibah Amir**, International Islamic University Malaysia, Malaysia12:30-12:50 **Attenuated Total Reflectance-fourier Transform Infrared Spectroscopy Coupled with Chemometrics as an Alternative Method for Identification and Classification of Essential Oils****Eleonora Truzzi**, University of Modena and Reggio Emilia, Italy**E-Posters**12:50-13:00 **Quantitative Analysis of Glycyrrhizin Using Rapid Magnetic Particles-Based Enzyme Immunoassay for the Quality Control of Glycyrrhiza spp.****Seiichi Sakamoto**, Kyushu University, Japan13:00-13:10 **Prussian Blue Nanoparticles Based Lateral Flow Assay for Detection of the Sport-prohibited-compound, Higenamine****Poomraphie Nuntawong**, Kyushu University, Japan13:10-13:20 **Synthesis of Harringtonine Ester Derivatives Possessing Potent Anti-leukemia Activities****Akihiro Ochi**, Kyushu University, Japan13:20-13:30 **Production of Anti-hesperidin Monoclonal Antibody and Establishment of Quantitative Analysis Method by ELISA****Kanta Noguchi**, Kyushu University, Japan13:30-13:40 **The Effect of Puffing Process in Extraction of Active Ingredients of *P. lactiflora* and *A. membranaceus*****Hyojin Lee**, Daewon University College, South Korea

13:40-13:50 Break

Oral Presentations13:50-14:10 **Dietary and Supplemental Polyphenols/Phytoestrogens on Multiple Health Outcomes****Zhao-min Liu**, Sun Yat-sen University, China

- 14:10-14:30 **Banned or Not Banned? The Complex Regulatory Issue of Kava**
Mathias Schmidt, *Herbresearch, Germany*
- 14:30-14:50 **Discovery of the Anti-gout Effect of a Miao's Ethnic Herb *Persicaria capitata* from its Traditional Usage**
Shang-Gao Liao, *Guizhou Medical University, China*
- 14:50-15:10 **Cocoa Phytochemicals and Phytotherapy Role in Human Health**
Raffaele Pezzani, *University of Padova, Italy*
- 15:10-15:30 **Discovering Inhibitor Molecules for Pathological Crystallization of CaOx Kidney Stones from Natural Extracts of Medical Herbs**
Si Li, *Tianjin University, China*
- 15:30-15:50 **Reverse Pharmacology and CADD as a Bridge Between Alternative and Evidence-Based Medicine - A Case Study on the Alkaloids of *Adhatoda vasica* Nees.**
Prasanth Ghanta, *Sri Sathya Sai Institute of Higher Learning, India*
- 15:50-16:10 **Phytochemical Study and Evaluation of the Antiviral Activity of Aqueous Extracts of Three Medicinal Plants Used in Cote d'Ivoire: *Xylopiia aethiopica*, *Gliricidia sepium* and *Ocimum gratissimum***
Bouagnon Julie José-Rita, *Institut Pasteur Côte d'Ivoire, Côte d'Ivoire*
- 16:10-16:30 **Phytochemicals in the Diet and their Contribution to the Prevention and Treatment of Diseases of Civilization**
Andres J. Ursa Herguedas, *Clinica Naturista e Instituto de Medicina Integrativa, Spain*

E-Posters

- 16:30-16:40 **Antibacterial and Anticancer Activities of *Eupatorium cannabinum* Extracts**
Deniz Oylumlu, *University of Health Sciences, Turkey*
- 16:40-16:50 **Antibacterial, Antioxidant Activities and Total Phenolic Content of Endemic *Gypsophila eriocalyx* Extracts**
Busra Gundogdu, *Yildiz Technical University, Turkey*
- 16:50-17:00 **Comparison of Phenolic Profile and Antioxidant Activity in Three Various Species of Hypericum Derived from Poland**
Natalia Dobros, *Medical University of Warsaw, Poland*
- 17:00-17:10 **Exploitation and Study of the Phytochemical Properties of Two Species of Sage for the Development of Cosmetic Formulations**
Sarra Jelidi, *Instituto Politécnico de Bragança, Portugal*

17:10-17:20 Break

Session-2 Complementary, Alternative or Integrative Medicine Homeopathy: Pharmacodynamics and Pharmacokinetics

Oral Presentations

- 17:20-17:40 **Unusual Applications of Homeopathy**
Felicia-Carmen Andrei, *University of Medicine and Pharmacy, Romania*
- 17:40-18:00 **20-Week Study of Clinical Outcomes of Over-the-counter COVID-19 Prophylaxis and Treatment**
Leon Margolin, *Comprehensive Pain Management Institute, LLC, USA*

E-Posters

- 18:00-18:10 **Evaluation of a Mexican propolis as a Candidate for a Wound-healing Model**
Marco Aurelio Rodriguez-Monroy, *Universidad Nacional Autonoma de Mexico, Mexico*
- 18:10-18:20 **Antimicrobial Activity of *Prosopis laevigata* Inflorescences and its Relation with some Edaphic Parameters**
Maria Margarita Canales-Martinez, *Universidad Nacional Autonoma de Mexico, Mexico*

End of the Day 01- See you tomorrow!

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Keynote

10:20-11:00 **Ethnopharmacology & Traditional Medicine with Special Reference to Cucurbitaceae in Health Promotion**
Pulok K. Mukherjee, *Institute of Bioresources and Sustainable Development, India*

Session-1 **Traditional Medicine**
Chinese, Japanese and Korean Traditional Medicine

Oral Presentations

- 11:00-11:20 **TCDO: A Community-based Ontology for Integrative Representation and Analysis of Traditional Chinese Drugs and their Properties**
Yan Zhu, *China Academy of Chinese Medical Sciences, China*
- 11:20-11:40 **The Synthesis, Characterisation and Antibacterial Activity of Plant-Mediated Silver Nanoparticles using Extracts of *Barleria albostellata***
Yogasphree Naidoo, *University of KwaZulu-Natal, South Africa*
- 11:40-12:00 **Cellular Label-free Integrative Pharmacology Assays Identify Active Compounds in Traditional Chinese Medicines**
Jixia Wang, *Chinese Academy of Sciences, China*
- 12:00-12:20 ***In vitro* and *In vivo* Effects of Traditional Chinese Medicine Formula T33 In Human Breast Cancer Cells**
Yu-Te Liu, *Chung Shan Medical University, Taiwan*
- 12:20-12:30 **Break**
- 12:30-12:50 **Wuweijiangyasan Regulates Blood Pressure in Spontaneously Hypertensive Rats via Renin-angiotensin-aldosterone System (RAAS)**
Ling Zuo, *Beijing University of Chinese Medicine, China*
- 12:50-13:10 **Anti-Inflammatory and Antibacterial Potential of Qicao Rukang Powder in Bovine Subclinical Mastitis**
Bereket H. Imam, *LIHPS, Chinese Academy of Agricultural Sciences, China*
- 13:10-13:30 **Vaso-protective Effect of *Panax notoginseng* in Diabetic and Obese Mice**
Wai San Cheang, *University of Macau, Macau*
- 13:30-13:50 **Medicinal Plants in the Treatment of Diabetes and its Complications**
Begum Rokeya, *Bangladesh University of Health Sciences, Bangladesh*
- 13:50-14:10 **The Safety Evaluation of Formulated *Thunbergia laurifolia* Extract Capsules in Healthy Thai Volunteers**
Nanthakarn Woottisin, *Thammasat University, Thailand*
- 14:10-14:20 **Break**
- 14:20-14:40 **The Efficacy of Thai Traditional Massage in Lower Urinary Tract Symptoms: A Randomized Controlled Trial**
Ongart Sinsomboon, *Thammasat University, Thailand*

- 14:40-15:00 **Neutralize Spike Glycoproteins? A New Discovery that Helps the Body Make its Own IgG Efficiently**
Nguyen Thi Trieu, Saigon Biopharma Company, Vietnam
- 15:00-15:20 **Using the Akabane Test for an Individual Assessment of the Effect of Drugs on the Body**
Valery Muzhikov, Med Byte Ltd., Russian Federation
- 15:20-15:40 ***Nigella sativa* Extract Kills Oral Squamous Cell Carcinoma Cells**
Selma Dagtas, University of Arkansas at Pine Bluff, USA

E-Posters

- 15:40-15:50 **Advance in Experimental and Clinical Research of the Gouty Arthritis Treatment with Traditional Chinese Medicine**
Huan Liang, Beijing University of Chinese Medicine, China
- 15:50-16:00 **The Characteristics and Regularities of Cardiac Adverse Drug Reactions Induced by Chinese Materia Medica: A Bibliometric Research and Association Rules Analysis**
Jintao Lyu, Beijing University of Chinese Medicine, China
- 16:00-16:10 **Study of Pharmacological Properties of the Methanolic Extract of *Dichrostachys cinerea* Bark (L.) Wight et Arn (Leguminosae) in Isolated Myometrium from Pregnant Rats**
Reine Raïssa Rolande Aworet Samseny, National Scientific Research and Technology Center, Gabon

16:10-16:20 Break

Session-2 Medicinal Plants Pharmacognosy and Naturopathic Medicine

Oral Presentations

- 16:20-16:40 **Food as Medicine: The Future of Past Foods [A Special Reference to Ethnomedicinal Plants of Pirpanjal]**
Mohd Ashaq, Govt PG College Rajouri, India
- 16:40-17:00 **Effect of Salt Stress and Soil Amendments on *Stevia rebaudiana* Bertoni**
Li Ma, Kwantlen Polytechnic University, Canada
- 17:00-17:20 **Medicinal Plants in the Classroom: Exploring Antimicrobial, Stimulatory or Anti-Cancer Properties of Plants Through a Set of Simple Lab Experiments**
Tatiana Kuzmenko, Loyola Marymount University, USA

E-Posters

- 17:20-17:30 **Investigation of Antifungal Activity of some Medicinal Plants in Northern Vietnam Against the Postharvest Pathogen *Penicillium digitatum* and Other Fungi**
Hanh My Tran, University of Liege, Belgium
- 17:30-17:40 **Antioxidant Capacity, Phenolic, Flavonoid and Ascorbic Acid Contents of *Gunnera perpensa* from Lesotho, Southern Africa**
Poloko Stephen Kheoane, National University of Lesotho, Lesotho
- 17:40-17:50 **Identification of *Diospyros villosa* Root by Macroscopic and Microscopic Characterization**
Adriana Ribeiro, Universidade de Lisboa, Portugal
- 17:50-18:00 **Application of Botanical Markers in the Quality Control of the Main Species of Ayahuasca**
Adriana Ribeiro, Universidade de Lisboa, Portugal
- 18:00-18:10 **The Hypoglycemic and Anti-Inflammatory Effects of *P. decompositum* may be Associated with the Saccharolytic Fermentation and the Prebiotic Effect of Fructooligosaccharides of the Plant**
Guadalupe Juárez Pérez, Universidad Autónoma Metropolitana, Mexico



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8105, Rasor Blvd - Suite #112, PLANO, TX 75024, USA

Ph: +1-469-854-2280, +1-469-854-2281

Toll Free: +1-844-395-4102; **Fax:** +1-469-854-2278

Email: secretary@tmedconferences.com

Web: <https://traditionalmedicine.unitedscientificgroup.org/>