2nd International Conference on
Traditional Medicine, Phytochemistry and Medicinal Plants

Venue
Leonardo Royal Hotel Berlin Alexanderplatz
Otto-Braun-Strasse 90
D-10249 Berlin

We are excited to use Whova as our event platform. Attendees please download Whova event app.

The event invitation code is: tmeen

Free WiFi - "LEONARDO"
07:30 Registrations and Inauguration

**Keynote Session**

**08:00**  
Tuina Massage for Chronic Pain  
Sabine Zeitler, Societas Medicinae Sinensis (International Society for Chinese Medicine), Germany

**08:40**  
Beyond Chemoprevention: A Novel Role of Cruciferous Vegetables-based Phytochemicals as Epigenetic Modulators in Malignant Melanoma  
Mihalis Panagiotidis, Northumbria University, United Kingdom

**09:20**  
Phytomedicines – A Global Trend in Patients and Health Care Professionals  
Rainer Stange, Immanuel Hospital, Germany

10:00 Coffee Break  
@ Foyer Area

**Session-1**

- Quality Control and Marketing of Herbal Products  
- Ayurveda, Siddha and Yoga

Chair: Sabine Zeitler, Societas Medicinae Sinensis (International Society for Chinese Medicine), Germany

**10:15**  
Applying TCM under German Market Regulations  
Hang Nga Mai-Dieterle, Wappen Apotheke München, Germany

**10:35**  
Herbal Medicine in Health Care----Prospects and Challenges  
Mohammed Mosihuzzaman, Bangladesh University of Health Sciences, Bangladesh

**10:55**  
Yoga for Anxiety and Depression – A Review  
Chandra Nanthakumar, HELP University, Malaysia

**Session 2**

- Toxicology Studies of Plant Products  
- Alternative Medicine, Integrative and Complementary Medicine  
- Cultivation, Conservation and Propagation of Medicinal Plants

Chairs: Ambros Uchtenhagen, Zurich University, Switzerland  
Wiebelitz Karl Rüdiger, Brandenburg Medical School Theodor Fontane, Germany

**11:15**  
Mistletoe Therapy: Ordinary and Unconventional Treatment Approaches  
Wiebelitz Karl Rüdiger, Brandenburg Medical School Theodor Fontane, Germany

**11:35**  
The Selection for High Quality Medicinal Lines of Acer truncatum  
Zhen Feng, Shandong Agricultural University, China

**11:55**  
The History and Present State of Medical Cannabis  
Ambros Uchtenhagen, Zurich University, Switzerland

**12:15**  
Comparison of the Effectiveness of Modeling Massage for Localized Fat Reduction Applied with Neutral Cream or Cream with Equisetum arvense Extract  
Veronica C.G. Soares, Instituto de Ciências da Saúde, Brazil

**12:35**  
Mistletoe Therapy Controls Papilloma Growth in Laryngeal Papillomatosis  
Wiebelitz Karl Rüdiger, Brandenburg Medical School Theodor Fontane, Germany

12:55 Lunch Break  
@ VITRUV Restaurant
13:40 Effect of Harvesting Time on Essential Oil Content and Composition of Artemisia afra Found in Different Agro-Climatic Zones of the Eastern Cape, South Africa
Babalwa Mpambani, Dohne Agricultural Development Institute, South Africa

14:00 Prophetic Medicine and Some of its Application
Khaled Saeed Aseri, King Saud bin Abdulaziz Medical College, Saudi Arabia

Session 3 ♦ Extraction, Isolation and Structural Elucidation of Bioactive Components

Chairs: Sabine Zeitler, Societas Medicinae Sinensis (International Society for Chinese Medicine), Germany
Mihalis Panagiotidis, Northumbria University, United Kingdom

14:20 Chemical Approaches to Drug-discovery
Daisuke Uemura, Kanagawa University, Japan

14:40 Corilagin Sensitizes Epithelial Ovarian Cancer to Chemotherapy by Inhibiting CD44-Snail-Glycolysis Pathways
Yinhua Yu, Obstetrics and Gynecology Hospital of Fudan University, China

15:00 Analytical Approaches for Extraction, Separation, Structural Elucidation and Quantification of Polyphenols in Medicinal Plants
Soleya Dagnon, Plovdiv University, Bulgaria

15:20 Anti-inflammatory, Anti-acetylcholine Esterase and Anti-oxidant Potential of Betulinic Acid and 3β-Acetoxybetulinic Acid from Melaleuca bracteata (Myrtaceae) Muell 'Revolution Gold'
Foluso Oluwagbemiga Osunsanmi, University of Zululand, South Africa

15:40 Antioxidant and Anti-inflammatory of Natural Products in Medicinally Active Plants in Palestinian Traditional Medicine
Abdullatif Azab, Eastern Plants Company, Israel

16:00 Networking Break @ Foyer Area

16:20 Overview on Alternative Marine Pharmacology for Some Human Diseases
Manal M.A. El-Naggar, National Institute of Oceanography and Fisheries, Egypt

16:40 Ethnobotanical Study and Antioxidant Biological Activity Evaluations of Plant Extracts from New Caledonia Cosmetopia
Subama Mapou, University of New Caledonia, New Caledonia

17:00 Antimicrobial and Anti-inflammatory Activities of Selected Medicinal Plants Against Sexual Transmitted Infections (STIs)
Mankga Ledile, University of South Africa, South Africa

17:20 Isolation, Structural Determination and Biological Activity Studies on Galium asparagifolium
Umit Toktas, Ege University, Turkey

17:40 Improvement of the Extraction Procedure for the Analysis of Phenolic Compounds in Artichoke Leaves
Beate Stumpf, Justus-Liebig-University Giessen, Germany
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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<tr>
<td>09:00</td>
<td>Session-4</td>
<td>Greek Mountain Tea (Sideritis scardica) - A Modern Nootropic Food Supplement</td>
<td>Wilfried Dimpfel</td>
<td>Justus Liebig University, NeuroCode AG, Germany</td>
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<td>09:40</td>
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<td>Protective Action of Saharian Anvillea radiata Extracts Against Diabetic Neuropathy Progression, Inflammatory Processes and Oxidative Stress in High-fat-fed Mice. An Electrophysiological, Biochemical and EPR Investigation</td>
<td>Anne Mercier</td>
<td>Aix-Marseille University, France</td>
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<td>10:00</td>
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<td>Development of Herbal Drug from Andrographis paniculata for Liver and Bile Duct Cancer Treatment</td>
<td>Tawit Suriyo</td>
<td>Chulabhorn Research Institute, Thailand</td>
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<td>Coffee Break</td>
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<td>10:40</td>
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<td>An Overview of GuaSha and its Use at Cellulite: A Case Study</td>
<td>Andrea Leite Barretto Domingues</td>
<td>Institute of Traditional Medicine, Portugal</td>
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<td>11:00</td>
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<td>Clinical Trial of Guava and Pitanga Tree Leaves in Skin Healing Processes</td>
<td>Nilsa S.Y. Wadt</td>
<td>University Paulista, Brazil</td>
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<td>11:20</td>
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<td>The Gastroprotective Potential of Clematis flammula Leaf Extracts</td>
<td>Atmani-Kilani Dina</td>
<td>University of Bejaia, Algeria</td>
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<td>11:40</td>
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<td>Medical Plant Extracts and Nanoparticles as Inhibitors of Viral Attachment and Entry in an Experimental Model of HSV-2 Infection</td>
<td>Marianela Patzi Churqui</td>
<td>University of Gothenburg, Sweden</td>
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<td>12:00</td>
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<td>Wound Healing Potential of Pomegranate Rind Extract and Zn(ll)</td>
<td>Vildan Celiksoy</td>
<td>Cardiff University, United Kingdom</td>
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<td>Lunch Break</td>
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<td>13:20</td>
<td>Session-5</td>
<td>The Potential of Pomegranate Rind Extract in Wound Healing and Disinfectant Products</td>
<td>Charles Heard</td>
<td>Cardiff University, United Kingdom</td>
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<td>13:40</td>
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<td>Anti-hyperglycemic Effects of Multiflorin a Contained in Peach Leaf</td>
<td>Tomoyuki Koyama</td>
<td>Tokyo University of Marine Science and Technology, Japan</td>
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<td>14:00</td>
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<td>An Evaluation of the Antioxidant and Antibacterial Activities, Total Phenolic and Flavonoid Content of the Methanol Extracts of the Leaves and Stems of Milkweed, Gomphocarpus physocarpus (E.Mey)</td>
<td>Yougasphree Naidoo</td>
<td>University of KwaZulu-Natal, South Africa</td>
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<td>14:20</td>
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<td>Disparities between the Biosynthetic and Bio-accumulative Responses of Phytochemicals in Selected Medicinal Plants Collected under Varied Environmental Conditions</td>
<td>Sechene S. Gololo</td>
<td>Sefako Makgatho Health Sciences University, South Africa</td>
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<td>14:40</td>
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<td>Ethnopharmacology Study of Plants as a Traditional Medicine on Respiratory System Disease in Banyumas, Indonesia</td>
<td>Retno Wahyuningrum</td>
<td>Muhammadiyah University Purwokerto, Indonesia</td>
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15:00  **Antiplasmodial Activity of* Pappea capensis* Eckl. & Zeyh. (Sapindaceae)**
Johanna Bapela, University of Pretoria, South Africa

15:20  **Screening of Cytotoxic, Anti-Inflammatory and Neuroprotective Activities of* Crinum latifolium* L.**
Cristian Aldemar Gasca Silva, University of Brasilia, Brazil

15:40  **Networking Break**  @ Foyer Area

15:40-17:00  **Poster Presentations**  @ Royal 3
| TMed-01 | Phytochemical Profiles of Marine Phytoplankton and Evaluation of Their Antioxidant Activities  
Peter C.K. Cheung, The Chinese University of Hong Kong, China |
| TMed-02 | Clinical Evaluation of Guava and Pitanga Tree Leaves for Prevention of Dental Bacterial Plaque and Skin Healing Process  
Marcelo Wadt, University Paulista, Brazil |
| TMed-03 | Acute Toxicology Assay of the Lichen Cryptothecia rubrocincta Extract  
Nilsa S.Y. Wadt, University Paulista, Brazil |
| TMed-04 | Aqueous Extract from Cryptothecia rubrocincta: Antioxidant and Healing Activity  
Erna Elisabeth Bach, University Nove de Julho, Brazil |
| TMed-05 | Anti-hyperglycemic and Anti-hyperlipidemic Potential of Yacon (Smallanthus sonchifolius) Extract in STZ-induced Diabetes Mellitus  
Erna Elisabeth Bach, University Nove de Julho, Brazil |
| TMed-06 | Phytochemical Study of Alkaloid Extracts of Anacyclus pyrethrum Link. (Asteraceae)  
Elazzouzi Hanane, University Moulay Ismail, Morocco |
| TMed-07 | Regeneration of Insulin-Producing Pancreatic Islet Cells Provoked by Selected Citrullus colocynthis Seed Extracts in Streptozotocin-Induced Diabetic Rats  
Benariba Nabila, University of Tlemcen, Algeria |
| TMed-08 | Antioxidant Activity and Phenolic Compounds Identification of Micromeria inodora (Desf.) Benth. from Western Algeria  
Benariba Nabila, University of Tlemcen, Algeria |
| TMed-09 | Endothelium-Dependent and -Independent Vasodilator Effects of Rose Petal Extracts in Rat Aorta  
Hisako Kaneda, Saitama Medical University, Japan & Nippon Veterinary and Life Science University, Japan |
| TMed-10 | A Dynamic Duo: Pharmacists and Music as Ambassadors for Homeopathy  
Felicia Andrei, University of Medicine and Pharmacy, Romania |
| TMed-11 | Mixtures of Fruit Seed Oils from Rosaceae Family Species for Topical Use  
Felicia Andrei, University of Medicine and Pharmacy, Romania |
| TMed-12 | Phytochemical Screening, Anti-microbial and Anti-oxidant Activities of Diospyros villosa Leaves and Stem Oluwatosin Adu, University of KwaZulu-Natal, South Africa |
| TMed-13 | Therapeutic Effects of Bee Venom and its Major Component, Melittin, on Atopic Dermatitis Model  
Kwan-Kyu Park, Catholic University of Daegu, South Korea |
| TMed-14 | Therapeutic Effects of Bee Venom on Periodontitis in vivo and in vitro  
Kwan-Kyu Park, Catholic University of Daegu, South Korea |
| TMed-15 | 1H NMR-based Metabolomics of Selected South African Medicinal Plants Used in the Treatment of Sexually Transmitted Infections and Associated Inflammation  
Thilivhali Emmanuelle Tshikalange, University of Pretoria, South Africa |
| TMed-16 | Exploring the Effective Herbal Prescription for Cognitive Disorder Treatment among Licensed Herbal Medicine in Korea  
In Chul Jung, Daejeon University, South Korea |
| TMed-17 | EPR and UV-Vis Examination of Free Radical Scavenging Activity of Different Water Extracts from Pericarpium phaseoli  
Adrian Matysek, Medical University of Silesia, Poland |
Comparative EPR and UV-Vis Spectroscopic Studies of Antioxidant Properties of the Urban Honey and the Traditional Lime Honey
Adrian Matysek, Medical University of Silesia, Poland

Is Lachenalia a Potential Source of Phenolic Compounds?
Kapczynska Anna, University of Agriculture in Krakow, Poland

Effects of Glycyrrhizin Pre-treatment on Transient Middle Cerebral Artery Occlusion Induced Brain Injury in Mice
Suin Cho, Pusan National University, South Korea

Phytochemical Characterization of Some Plant Species used by the Indigenous Gnôble Bugle Community of Bocas del Toro, Panama
Francisco Farnum, Universidad de Panama, Panama

Genotoxicity of Aqueous Extracts of Tulbaghia violacea as Determined Through an Allium cepa Assay
Lerato Nellvecia Madike, Vaal University of Technology, South Africa

Moringa oleifera Causes LDH Release and Pre-G0 Cell Cycle Arrest in Caco2 Cells
Julnar Usta, American University of Beirut, Lebanon

Potential Hypocholesterolemic Effect of Aqueous Moringa oleifera Leaves Extract
Julnar Usta, American University of Beirut, Lebanon

Diversity and Uses of the Medicinal Plants in Panama
Nilka Lineth Torres, University of Panama, Panama

Prebiotic Effect of a Fraction Rich in Fructooligosaccharides of Psacalium decompositum
Guadalupe Juárez, Universidad Autónoma Metropolitana, Mexico

Effect of Heat Treatment on the Hypoglycemic Capacity of Aqueous Extracts of Cucurbita ficifolia Fruits at Two Stages of Development
Guadalupe Juárez, Universidad Autónoma Metropolitana, Mexico

Cannabis Oil Containing Three of the Main Phytocannabinoid Compounds Exhibits Potential Hypoglycemic Properties
Guadalupe Juárez, Universidad Autónoma Metropolitana, Mexico

The Analysis of Phytochemical Compounds and Antibacterial Activity in Leaf and Stem Extracts of Barleria albostellata
Serisha Gangaram, University of KwaZulu-Natal, South Africa

Phytochemical Analysis and Preliminary Anti-bacterial Activity of Tabernaemontana ventricosa Hochst. ex A.DC. Leaf and Stem Crude Extracts
Clarissa Naidoo, University of KwaZulu-Natal, South Africa

Antioxidant Capacity of Micro Propagated Hyssopus officinalis Plants Grown on Different Carbohydrate Sources
Ira Stancheva, Institute of Plant Physiology and Genetics, Bulgarian Academy of Sciences, Bulgaria

Screening of the Enzyme Antioxidant Potential of in vitro Propagated Hyssop (Hyssopus officinalis L.) Depending on Carbon Source in Culture Medium
Maria Geneva, Institute of Plant Physiology and Genetics, Bulgarian Academy of Sciences, Bulgaria

Hypoglycemic Effect of Cucurbita ficifolia During its Growth and Development
Araceli Moya-Hernandez, Autonomous Metropolitan University, Mexico

The Effect of Palm Pollen on the Result of Fertility Rate in Infertile Men
Athar Rasekh Jahromi, Jahrom University of Medical Sciences, Iran
TMed-35  Modification of SERCA Activity and Viability of Pancreatic INS-1E Beta Cells by Curcumin Derivatives
Barbora Benešová, Institute of Experimental Pharmacology and Toxicology, Slovakia

TMed-36  Evaluation of the Cytotoxic and Genotoxic Effects of Sedum praetaltum A. DC. (Balsam)
Thyago Henrique Neves Da Silva Filho, José do Rosario Vellano University, Brazil

TMed-37  An Overview of Systematic Reviews of Complementary and Alternative Therapies for Infantile Colic
Rachel Perry, University of Bristol, United Kingdom

TMed-38  An Overview of Systematic Reviews of Complementary and Alternative Therapies for Fibromyalgia Using both AMSTAR and ROBIS as Quality Assessment Tools
Rachel Perry, University of Bristol, United Kingdom

TMed-39  Chrysophyllum albidum Linn (Family: Sapotaceae) Endosperm Seed Gum: A Potential Pharmaceutical Excipient
Modupe Ologunagba, University of Lagos, Nigeria

TMed-40  Effectivity of Different Methods for the Extraction of Principle Actives and Phytochemicals Content in Medicinal Herbals
Teresinha de Jesus Aguiar dos Santos Andrade, Federal Institute of Education, Science and Technology of Maranhão, Brazil

TMed-41  Bioactivity and Profile of Phenolic Compounds in Flowers Growing in Brazilian Cerrado
Teresinha de Jesus Aguiar dos Santos Andrade, Federal Institute of Education, Science and Technology of Maranhão, Brazil

TMed-42  Antidiabetic Constituents from the Aerial Parts of Tiliacora triandra
Opeyemi Joshua Olatunji, Prince of Songkla University, Thailand

TMed-43  Treatment of Acute External Hemorrhoids by Topical Herbal Salve in Traditional Iranian Medicine
Reza Moknatjou, Hamedan University of Medical Sciences, Iran

TMed-44  Effect of Roasting on Cox Value of Brown and Yellow Varieties of Flaxseed (Linum usitatissimum L.)
Reza Moknatjou, Hamedan University of Medical Sciences, Iran

TMed-45  Leech Therapy for Linear Incisional Skin-Wound Healing in Rats
Sayid Mahdi Mirghazanfari, AJA University of Medical Sciences, Iran

TMed-46  Investigation Effect of Different Concentration of Aretemisia dracunculus Ethanoic Extract on Immune System Response of Laying Hens in Late Phase of Production
Bahram Shohreh, Sari Agricultural Sciences and Natural Resources University, Iran
Session 6  ♦ Alternative Medicine, Integrative and Complementary Medicine

Chair: Rainer Stange, Immanuel Hospital, Germany

08:30 Methanolic Extract of Poisonous Insect, Paederus fuscipes Causes Accumulation of Aneuploidy Cells Lead to Post Mitotic Apoptosis on Cervical Cells
Nunuk Aries Nurulita, Muhammadiyah University Purwokerto, Indonesia

08:50 An Appraisal of Documented Medicinal Plants Used for the Treatment of Cancer in Africa Over a Twenty-Year Period (1998-2018)
Idris Olawale Raimi, Sefako Makgatho Health Sciences University, South Africa

09:10 Sulfated Polysaccharides of Some Seaweeds Exhibit Neuroprotection via Modulation of Redox Imbalance, Cholinergic Function and Inhibition of Zn – Induced Neuronal Damage in HT-22 Cells
Tosin Olasehinde, University of Fort Hare, South Africa

09:30 Coffee Break  @ Foyer Area

Session-7  ♦ Traditional Medicine: Efficacy and Safety Parameters
♦ Crude Drugs and Plant Products
♦ Holistic and Unani Medicine

Chairs: Rainer Stange, Immanuel Hospital, Germany
Madhuree Kumari, Indian Institute of Science, India

10:00 First Analysis of the Elementary Composition from the Medicinal Plant Hymenaea martiana Hayne (Jatobá)
Layza Sara rocha, Universidade Federal do Mato Grosso do Sul, Brazil

10:20 Cytotoxic and Anti-oxidative Activities of Endophytic Fungus Talaromyces purpureogenus Isolated from Marine Sea Weed: Physico-chemical Optimization and Mechanism
Madhuree Kumari, Indian Institute of Science, India

10:40 Bioprospecting Marine Alga Derived Endophytic Fungus Chaetomium globosum for Anticancer, Antioxidative and Antimicrobial Activities
Siya Kamat, Indian Institute of Science, India

11:00 Comparison of the Effectiveness of Modeling Massage for Localized Fat Reduction Applied with Neutral Cream or Cream with Mentha piperita Extract
Veronica C.G. Soares, Instituto de Ciências da Saúde (ICS), Brazil

11:20 Effect of Ischemia Preconditioning and Leech Therapy on Cutaneous Pedicle Flaps Subjected to Prolonged Ischemia in a Mouse Model
Sayid Mahdi Mirghazanfari, AJA University of Medical Sciences, Iran

11:40 Lunch & Departures  @ VITRUV Restaurant
We wish to see you again at

TMedPM-2020