**DESCRIPTION**

*Fitoterapia* is a Journal dedicated to *medicinal plants and fungi* and to the *bioactive natural products* produced by these organisms. It publishes original contributions in seven major areas:

1. Chemical characterization of *active ingredients* of medicinal plants and fungi, including their endophytes
2. New analytical approaches for dereplication and standardization of biologically active *extracts* and metabolites from plant resources
3. Identification of *bioactivity* in plant and fungal extracts and in their constituents
4. Identification of biological targets and mechanism of activity of plant and fungal extracts
5. Production and *genomic characterization* of medicinal plants biomass
6. Biosynthesis of bioactive natural products of plant, fungi and endophytic origin
7. Critical reviews of the *composition, history, clinical* and *legal* status of medicinal plants, and accounts on topical issues.

Contributions reporting the following are **NOT** normally considered for publication:

1. Activity data on crude extracts that have not been characterized by analysis of their major constituents (HPLC fingerprint, LC/MS or NMR). Data on the extract composition simply taken from the literature are not acceptable. Characterization of only a few constituents is generally considered too partial.
2. Studies on the bioactivity of pure compounds purchased or obtained by Authors without any study or relationship with the producing organism.
3. Unexceptional and predictable bioactivity (e.g. antioxidant properties of phenolics or antibacterial activity of essential oils).
4. Uncritical ethnopharmacological investigations, where a list of plants and their use are simply recorded.
5. Genomic, transcriptomic and pharmacological studies without convincing wet lab experiments, or with little correlation to bioactive natural compounds.

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RULE 3: The botanical source is not clearly identified, authenticated, and documented (voucher).
RULE 4: Characterization of new compounds without spectral supporting material.
RULE 5: Bioactivity is not relevant to in vivo situations.
RULE 6: Reviews on topics already covered in the recent literature.

AUDIENCE

Pharmacologists, Ethnopharmacologists, Pharmaceutical Scientists, Medicinal Chemists, Organic Chemists, Toxicologists, Botanists and Anthropologists.

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<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Mehdi Beniddir</td>
<td>Université Paris-Saclay, Paris, Gif-sur-Yvette, France</td>
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<tr>
<td>Alkaloids, Plants, Dereplication, Stereochemistry, Mass spectrometry, NMR</td>
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<tr>
<td>Daniela Chagas de Paula</td>
<td>Federal University of Alfenas, ALFENAS, Brazil</td>
</tr>
<tr>
<td>Alkaloid, Mass spectrometry, Metabolomics, Parkinson, Anti-inflammatory</td>
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<tr>
<td>Stefano Dall’Acqua</td>
<td>University of Padua, Padova, Italy</td>
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<tr>
<td>Natural Product chemistry, Nuclear magnetic Resonance, Mass spectrometry, chromatography, HPLC/UPLC, GC, hyphenated techniques, structure elucidation, Metabolomic, in vivo analysis, polyphenols, alkaloids, saponins, food supplements, nutraceuticals, pharmaceutical analysis</td>
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<tr>
<td>Guillermo Delgado</td>
<td>National Autonomous University of Mexico, Ciudad de México, Mexico</td>
</tr>
<tr>
<td>Phytochemistry, Semisynthesis, Bioactivity, Stereochemistry, Pharmacognosy</td>
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<tr>
<td>Simon Gibbons</td>
<td>Liverpool John Moores University Centre for Natural Products Discovery, Liverpool, United Kingdom</td>
</tr>
<tr>
<td>Anti-infectives, natural products, anti-bacterials, phytochemistry, structure elucidation</td>
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<tr>
<td>Sebastian Granica</td>
<td>Medical University of Warsaw, Warszawa, Poland</td>
</tr>
<tr>
<td>HPLC, Isolation, Natural Products, Phytocatalysis analysis, Plant materials</td>
<td></td>
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<tr>
<td>De-An Guo</td>
<td>China Academy of Chinese Medical Sciences Institute of Chinese Materia Medica, Beijing, China</td>
</tr>
<tr>
<td>Natural products chemistry, Bioactive natural products, Phytochemical analysis, Herbal quality control</td>
<td></td>
</tr>
<tr>
<td>Yuewei Guo</td>
<td>Shanghai Institute of Materia Medica Chinese Academy of Sciences, Shanghai, China</td>
</tr>
<tr>
<td>Natural product chemistry, Isolation, Structural characterization, Medicinal chemistry, Bioactivity, Chemoecology</td>
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<tr>
<td>Matthias Hamburger</td>
<td>University of Basel, Basel, Switzerland</td>
</tr>
<tr>
<td>Drug discovery, HPLC-MS, Spectroscopy, Structure elucidation, Activity-driven compound discovery</td>
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<tr>
<td>Judit Hohmann</td>
<td>University of Szeged, Szeged, Hungary</td>
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<tr>
<td>Isolation of natural products, Structure elucidation, Bioactivity of natural products, Terpenoids, Phenolic compounds</td>
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<tr>
<td>Ikhtias A. Khan</td>
<td>University of Mississippi, University Park, Mississippi, United States of America</td>
</tr>
<tr>
<td>Higher plants, Drug discovery, Antitumor agents, Cancer chemopreventive compounds, Taste-modifying substances</td>
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<tr>
<td>Ling-yi Kong</td>
<td>China Pharmaceutical University State Key Laboratory of Natural Medicines, Nanjing, China</td>
</tr>
<tr>
<td>Bioactive natural products, Phytochemistry, Traditional Chinese medicine, Drug discovery</td>
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<tr>
<td>Souvik Kusari</td>
<td>TU Dortmund University, Dortmund, Germany</td>
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<td>Metabolomics, Mass spectrometry, Artificial intelligence in metabolomics, Plant-microbe interaction, Endophytes (endophytic microorganisms), Biologics (biological plant protection)</td>
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<tr>
<td>Virginia Lanzotti</td>
<td>University of Naples Federico II, Napoli, Italy</td>
</tr>
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<td>Plant metabolites, Metabolomics, Natural products, Isolation, Identification, Drug discovery</td>
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<tr>
<td>Eduardo Muñoz</td>
<td>University of Cordoba, Cordoba, Spain</td>
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<tr>
<td>Cannabinoids, Natural Products, Drug Development and Inflammatory Diseases</td>
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<tr>
<td>Guido F. Pauli</td>
<td>University of Illinois Chicago, Department of Pharmaceutical Sciences, Chicago, Illinois, United States of America</td>
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<tr>
<td>Bioactive natural products, Phytochemistry, Spectroscopy, Chromatography</td>
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<tr>
<td>Federica Pollastro</td>
<td>University of Eastern Piedmont Amedeo Avogadro, Department of Pharmaceutical Sciences, Novara, Italy</td>
</tr>
<tr>
<td>Phytochemistry, Isolation and Extraction, Natural compounds, Medicinal plants</td>
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<tr>
<td>Lina Raudoné</td>
<td>Lithuanian University of Health Sciences, Kaunas, Lithuania</td>
</tr>
<tr>
<td>Antioxidant, Phenolic, Phytochemistry, Plant functional ingredient, Triterpenic</td>
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<tr>
<td>Robert Verpoorte</td>
<td>Leiden University Institute of Biology Leiden, Leiden, Netherlands, Netherlands</td>
</tr>
<tr>
<td>Alkaloids, Biosynthesis, Isolation methods, Metabolomics</td>
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<tr>
<td>Oliver Werz</td>
<td>Jena University Hospital, Jena, Germany</td>
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<tr>
<td>Inflammation, Eicosanoid, Lipoxygenases, Phagocytes, Anti-inflammatory natural products</td>
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<tr>
<td>Craig Williams</td>
<td>University of Queensland, Brisbane, Queensland, Australia</td>
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<tr>
<td>Desert plants, Rain forest plants, Unusual natural products, Strained natural products</td>
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<tr>
<td>Bin Wu</td>
<td>Zhejiang University, Hangzhou, China</td>
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<tr>
<td>Natural product chemistry, Microbial products, Marine drugs, Natural products mining</td>
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<tr>
<td>Wei-Dong Zhang</td>
<td>Shanghai University of Traditional Chinese Medicine, Shanghai, China</td>
</tr>
<tr>
<td>Natural Medicinal Chemistry, Traditional Chinese Medicine chemical biology, Material basis of efficacy, Modern Research System of Traditional Chinese Medicine,</td>
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INTRODUCTION

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1. Chemical characterization of active ingredients of medicinal plants and fungi, including their endophytes
2. New analytical approaches for dereplication and standardization of biologically active extracts and metabolites from plant resources
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7. Critical reviews of the composition, history, clinical and legal status of medicinal plants, and accounts on topical issues.

Article critically reviewing the historical, clinical and legal status of medicinal plants and accounts on topical issues are also welcomed.

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**Reporting guidance**

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Optionally a "Spectrum Similarity Search" using the given peaklist can be requested as an additional feature.(see below) https://nmrpredict.orc.univie.ac.at/fitoterapia/robot.php
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