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## Special Issue "Herbal Medicine Research"

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A special issue of *Molecules* (ISSN 1420-3049). This special issue belongs to the section "Medicinal Chemistry".

Deadline for manuscript submissions: **31 January 2016**

**Special Issue Editor**

*Guest Editor*
**Prof. Dr. Christopher W.K. Lam**

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**Interests:** allergy and clinical immunology; nephrology; diabetology; toxicology; laboratory medicine; Chinese medicine

**Special Issue Information**

Dear Colleagues,

Herbal medicine is practiced widely in different cultures of the world because it is usually affordable, locally accessible, and generally efficacious. Government statistics (2011) in Hong Kong, China showed that about 27% of all primary healthcare consultations were provided by Chinese medicine (CM) practitioners, while 90% of cancer patients used both CM and western medicine. An ongoing survey initiated by the State Council of the People's Republic of China from 1988 found 11,146 registered herbal Chinese medicines that were currently in use in the last 5-year cycle. These together with herbal medicines of other territories constitute a wealth of natural botanical resources of traditional and newer drugs or more often, prototype compounds for candidate drugs. Herbal medicine research encompasses old and modern disciplines of plant biology, medicinal chemistry and biochemistry, cell and molecular biology, pharmacogenomics, proteomics, and metabolomics. It utilizes traditional and rapidly advancing analytical methods and instrumentation such as gas or liquid chromatography coupled with tandem mass spectrometry, nuclear magnetic resonance and electron-spin resonance, and gene and protein arrays for fractionation, purification, chemical and genetic fingerprinting, derivatization, modification, synthesis, and clinical trials of herbal medicines starting from cell-line to animal and patient studies. Such multidisciplinary efforts will continue to foster novel therapeutic applications of herbal medicines, such as accelerating apoptosis of pro-inflammatory cells in autoimmune diseases, inducing autophagy for anti-aging and oncosuppression, and overcoming resistance of cancer cells to cytotoxic chemotherapy.

This special issue of *Molecules* on "Herbal Medicine Research" welcomes submission of previously unpublished manuscripts from original work on all the above aspects. We plan to receive submissions from 1 August 2015 to 31 January 2016.

With kind regards and best wishes,

Prof. Dr. Christopher W.K. Lam

*Guest Editor*

**Submission**

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**Keywords**

- herbal medicines
- analytical chemistry
- medicinal chemistry
- pharmacology and pharmacogenomics
- proteomics and metabolomics
- drug synthesis and modification
- clinical trials

## Published Papers

No papers have been published in this special issue yet.

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