

## Special Issue

# Natural Products in Diabetes Mellitus: 2nd Edition

### Message from the Guest Editor

Diabetes mellitus (DM) is a chronic disease characterized by a state of hyperglycemia. This sustained increase in glucose levels induces oxidative damage, which can contribute in different ways to the development of chronic complications. The prevention and control of DM consists of physical activity and diet modification. Meanwhile, various natural products are used worldwide to aid in the control and prevention of DM. Natural products come from various sources, such as plants, foods and microorganisms. They possess or generate bioactive compounds that may have antidiabetic activity, for which the mechanisms of action are diverse and range from the inhibition of enzymes such as alpha-amylase and alpha-glucosidase to the modification of hormonal activities involved in glucose homeostasis. For this Special Issue, we invite the submission of original contributions, reviews or short communications that contribute to the knowledge of natural products and their antidiabetic action, including either in vivo or in vitro models, therapeutic models, the characterization of compounds and extracts, and mechanisms of action.

### Guest Editor

Dr. Ana Angelica Feregrino-Perez

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### Deadline for manuscript submissions

closed (25 June 2025)



## Pharmaceuticals

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Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us. We hope to handle your contribution to *Pharmaceuticals* soon.

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### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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