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Miguel Vilas-Boas holds a PhD in Chemistry from the University of Porto and is a Professor at the Agrarian School of the Polytechnic Institute of Bragança. As a researcher at the Mountain Research Centre, CIMO, his goals are focused on beekeeping technology, organic beekeeping, and, particularly, the quality of bee products. In his research career, he has coordinated fifteen externally funded research projects, including the DivInA project - Diversification and Innovation in Beekeeping Production, 2017-2022, funded by the Portugal 2020 Program, and the BeeSustain project - Sustainability of Beekeeping in the face of climate change: innovation and products of excellence, funded by the *La Caixa* Foundation, 2023-2026.

The results of his research have led to the publication of seventy articles in indexed scientific journals, four books/chapters, fifteen technical publications, and more than three hundred presentations at national and international scientific meetings, being an invited speaker at over seventy technical/scientific events. The presented works resulted from cooperative efforts, including supervising of ten undergraduate students, twenty-six master's theses, six doctoral theses (four ongoing), and three post-doctoral studies.

As a manager, the period from 2013-2021 stands out, during which he was the director of the Agrarian School of Bragança. He was also vice-coordinator of the Mountain Research Centre for ten years during the periods 2003-2008 and 2010-2013. From 2012 to 2023, he led the Propolis Working Group of the International Honey Commission and from 2015 to 2022 was Vice-President of the Scientific Commission on Beekeeping Technology and Quality of APIMONDIA. In 2022 became by election the chairperson of the Scientific Commission on Beekeeping Technology and Quality of APIMONDIA, and in 2024 the Vice-president of the International Honey Commission. He is also a member of the advisory board of The International propolis Research Group since 2019 and the President of the Portuguese Technical Commission for the standardization of bee products since 2018, representing the Portuguese position on ISO TC34/SC19.

Below you can find some of the most recent publications, but a full record can be found at <https://orcid.org/0000-0002-8665-5280>:

1. *Perception of threats to bee colonies and the future of local beekeeping by beekeepers in various European countries*, S. Perichon, L. Adamchuk, L. Biber, J. Bozic, R. Chlebo, J. Filipi, S. Leidenberger, G. Mavrofridis, E. Ozgor, C. Pocol, M. Porporato, M. S. Rodriguez-flores, M. Vilas-Boas, A. Zacepins, *BSGLg*, 2024, 82, 19-46. DOI: 10.25518/0770-7576.7229.
2. *Sporopollenin-based bio-microcapsules as green carriers for controlled delivery of pharmaceutical drugs*. Volkan Aylanc, Andreia F. Peixoto, Nuno Vale. Cristina Freire, Miguel Vilas-Boas, *Applied Materials Today*, 2023; 33, 101860. DOI: 10.1016/j.apmt.2023.101860.
3. *Thermal Stability and Antioxidant Activity of Bioactive Compounds in Bread Enriched with Bee Pollen and Bee Bread*. Seymanur Ertoşun, Volkan Aylanc, Soraia I. Falcão, Miguel Vilas-Boas, *Antioxidants*, 2023; 12 (9), 1691. DOI: 10.3390/antiox12091691.

4. *Production of chitosan-based biodegradable active films using bio-waste enriched with polyphenol propolis extract envisaging food packaging.* Cristiane De Carli, Volkan Aylanc, Kheira M. Mouffok, Arantzazu Santamaria-Echart, Filomena Barreiro, Andreia Tomás, Celeide Pereira, Paula Rodrigues, Miguel Vilas-Boas, Soraia I. Falcão. *International Journal of Biological Macromolecules*. 2022, 31:486-497. DOI: doi.org/10.1016/j.ijbiomac.2022.05.155.
5. *From the hive to the table: Nutrition value, digestibility and bioavailability of the dietary phytochemicals present in the bee pollen and bee bread.* Volkan Aylanc, Soraia I. Falcão, Seymanur Ertosun, Miguel Vilas-Boas, *Trends in Food Science & Technology*, 2021. 109, 464-481.
6. *Improvement of the In Vitro Cytotoxic Effect on HT-29 Colon Cancer Cells by Combining 5-Fluorouacil and Fluphenazine with Green, Red or Brown Propolis.* Soraia I. Falcão, Diana Duarte, Moustapha Diallo, Joana Santos, Eduarda Ribeiro, Nuno Vale, Miguel Vilas-Boas, *Molecules*, 2023; 28, 3393. DOI: 10.3390/molecules28083393.
7. *Assessing the performance of analytical methods for propolis – A collaborative trial by the International Honey Commission.* Miguel Vilas-Boas, M. Lopes, L. F. Nunes, A. Pereyra, C. Kunert, G. Beckh, O. G. Çelemlı, K. Sorkun, S. Georgé, L. Paulo, S. Gardini, M.T. Sancho, S. M. Osés, M. A. Fernández-Muíño, V. Bankova, M. Popova, B. Trusheva, N. Petrov, T. Dastank, C. Tananakiht, S. I. Falcão, *Journal of Apicultural Research*, 2022; 1-14. DOI: 10.1080/00218839.2022.2053320.