

Journal Publications

Nölle, Nils; Argyropoulos, Dimitrios; Ambacher, Stefan; Müller, Joachim; Biesalski, Hans Konrad (2017): **Vitamin D₂ enrichment in mushrooms by natural or artificial UV-light during drying.**

In: *LWT - Food Science and Technology* 85, S. 400–404. DOI: 10.1016/j.lwt.2016.11.072.

Nölle, Nils; Argyropoulos, Dimitrios; Müller, Joachim; Biesalski, Hans Konrad (2018): **Temperature stability of vitamin D₂ and color changes during drying of UVB-treated mushrooms.**

In: *Drying Technology* 36 (3), S. 307–315. DOI: 10.1080/07373937.2017.1326501.

Nölle, Nils; Genschick, Sven; Schwadorf, Klaus; Hrenn, Holger; Brandner, Sonja; Biesalski, Hans Konrad (2020): **Fish as a source of (Micro)nutrients to combat Hidden Hunger in Zambia.**

In: *Food Security* (2020). <https://doi.org/10.1007/s12571-020-01060-9> DOI: 10.1007/s12571-020-01060-9

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Keflie, Tibebeselassie Seyoum; Nölle, Nils; Lambert, Christine; Nohr, Donatus; Biesalski, Hans Konrad (2015): **Vitamin D deficiencies among tuberculosis patients in Africa: A systematic review.** In: *Nutrition (Burbank, Los Angeles County, Calif.)* 31 (10), S. 1204–1212. DOI:

10.1016/j.nut.2015.05.003.

Keflie, Tibebeselassie Seyoum; Nölle, Nils; Lambert, Christine; Nohr, Donatus; Biesalski, Hans Konrad (2018): **Impact of the natural resource of UVB on the content of vitamin D₂ in oyster mushroom (*Pleurotus ostreatus*) under subtropical settings.** In: *Saudi Journal of Biological Sciences*. DOI: 10.1016/j.sjbs.2018.07.014.

Oral presentations

Nölle, Nils; Argyropoulos, Dimitrios; Ambacher, Stefan; Müller, Joachim; Biesalski, Hans Konrad: **Increasing vitamin D₂ content of cultivated mushrooms by processing and drying** (ISMS conference 2016 in Amsterdam, Netherlands) *this presentation was also published as a conference paper*

Nölle, Nils; Biesalski, Hans Konrad: **More than protein: The potential of fish to combat malnutrition in Zambia** (5th International ISEKI Food Conference 2018 in Stuttgart, Germany)

Nölle, Nils; Biesalski, Hans Konrad; Baisch, Alexandra; Bong, Yisa Njowe Kieran; Kusia, Elizabeth; Sevgan, Subramanian: **Edible insects as a chance to achieve better Nutrition Security in Sub-Saharan Africa** (2nd Water Security and Climate Change Conference in Nairobi, Kenya)

Poster presentations

Argyropoulos, Dimitrios; Nölle, Nils; Biesalski, Hans Konrad; Müller, Joachim: **Temperature-stability of vitamin D2 in UV-B treated mushrooms during hot-air drying** (ICEF 2015 in Quebec, Canada)

Nölle, Nils; Argyropoulos, Dimitrios; Muhammad, Aleem; Müller, Joachim; Biesalski, Hans Konrad: **Vitamin-D enhancement of dried mushrooms by UV-light exposure** (IUFOST 2016 in Dublin, Ireland)

Argyropoulos, Dimitrios; Nölle, Nils; Palka, Marlene; Biesalski, Hans Konrad; Müller, Joachim: **Effect of postharvest treatments and UVB-drying strategies on vitamin D2 content of some exotic mushrooms** (5th International ISEKI Food Conference 2018 in Stuttgart, Germany)

Nölle, Nils; Biesalski, Hans Konrad: **Evaluation on the influence of size on the nutrient density of Zambian fish species** (Tropentag 2018 in Ghent, Belgium)

Nölle, Nils; Biesalski, Hans Konrad: **Analysis of nutritional composition of edible insects to enhance nutritional security in sub-Saharan Africa (*EntoNutri*)** (Tropentag 2018 in Ghent, Belgium)

Nölle, Nils; Baisch, Alexandra; Bong Yisa Njowe Kieran; Kusia Elizabeth; Sevgan Subramanian; Biesalski Hans Konrad: **Potential of edible insects to combat hidden hunger in Sub-Saharan Africa** (Tropentag 2019 in Kassel Germany)