Artificial intelligence – use consciously and transparently

There is hardly a medium in which artificial intelligence is not being discussed - if not already using it. And as with many technical developments, the question is not whether but how it should be used. In the life sciences, the possible applications range from optimized literature research to support in the evaluation of large amounts of data in systems biology[1] via computational life sciences[2] to use in diagnostics - if, for example diabetes mellitus can be detected using simple voice evaluation.[3]

How about you? Do you always know whether you are already using AI – or can you safely rule it out? How does the algorithm of the search engine you use, the image optimization of your camera, the translation tool you use work?

The topic of AI also poses challenges for the editorial team of Ernährungs Umschau:

When it comes to editorial reporting, we are guided by the position paper of the German Association of Journalists (DJV) on the topic of AI.[4] The reports in the short news section come from colleagues from the editorial team, named freelancers or are checked, edited and partly commented press releases from universities and research institutes.

The scientific articles all go through a multi-stage editorial review and processing, and the peer review and training sections also undergo an external review. In order to sensitize our authors to the topic and to achieve the highest level of transparency, in the COI-form information on the use of AI is now requested, which is then printed in the credits of the articles - in addition to the COIs.

We have included further information on the use of AI in the imprint of the trade journal and will update it continuously. In this way, we want to use the advantages of the self-learning algorithms, but at the same time, as before, provide you with a high level of reputable and transparent specialist information.

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[3] Kaufmann JM et al. (2023): Acoustic analysis and prediction of type 2 diabetes mellitus using smartphone-recorded voice segments. www.mcp-digitalhealth.org/article/S2949-7612(23)00073-1/fulltext

[4] www.djv.de/fileadmin/user_upload/INFOS/Themen/Medienpolitik/DJV-Positionspapier_KI_2023-04.pdf

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