

CV Markus Fischer

Markus Fischer has been Director of the Institute of Food Chemistry at the University of Hamburg since 2006. Within the University of Hamburg, he founded the HAMBURG SCHOOL OF FOOD SCIENCE (HSFS) in 2011. Since 2019, Markus Fischer has also been spokesperson for the natural sciences section (Artefact Profiling) of the Cluster of Excellence “Understanding Written Artefacts” at the University of Hamburg. Until 2025, he served for five years as deputy head and head of the Chemistry Department at the University of Hamburg. Since 2025, he has been scientific director of the Mass Spectrometry Technology Platform at the University of Hamburg.

In addition to his official duties, Prof. Fischer is a member of numerous scientific advisory boards, including the German Food Association, Berlin (chairman), the Federal Institute for Risk Assessment (BfR), Berlin (member), the Research Association of the German Food Industry (FEI), Bonn (vice-chairman), and the Bavarian Climate Research Network (bayklif 2) as an expert in nutrition and food chemistry. Since 2019, he has been vice-president of the International Association of Environmental Analytical Chemistry (IAEAC).

Prof. Fischer's main areas of work are: (i) food authentication (food profiling: genome, metabolome, and isotopome analyses); (ii) development of aptamers for analytical, medical diagnostic, and therapeutic applications; (iii) authentication of written artifacts (Artefact profiling) as part of the Cluster of Excellence “Understanding Written Artefacts.”

