

**Postdoctoral Fellow and PhD Student at
Goethe University Frankfurt, Germany**

Postdoctoral Fellow (E 13, TV-G-U)
and
PhD Student (E 13, TV-G-U, 65%-Teilzeit)

We are seeking for highly talented and motivated Postdocs and PhD students to join the Cancer Metabolism Group (<https://www.biochem2.com/index.php/20-ibcii/cmg/105-frontpage-cmg#members>) at the Institute of Biochemistry II, Goethe University Frankfurt, as part of a research team investigating the role of diet as a risk factor for the development of cancer. Our previous studies show that high fat diet-induced obesity (Khasawneh et al. 2009, *PNAS*) or dysbiosis can promote carcinogenesis (Schulz et al., 2014, *Nature*). Yet the mechanisms, through which diet-mediated changes impact anti-tumor immunity or tumor bioenergetics, remain to be elucidated. Exploring cross-talk between host, deranged tumor metabolism and microbiota comprise the focus of our research.

Highly ambitious applicants are expected to have a degree in Biology, Life Sciences or related fields with a strong background in molecular and tumor biology. Previous strong skills in mouse models, *in vivo* metabolic measurements, and/or microbiota analysis would be advantageous.

Qualifying applicants may send their application together with their CV, publication record, a summary of previous research activities, and 2 contact addresses for recommendation letters to PD Dr. Melek Canan Arkan by e-mail (Arkan@med.uni-frankfurt.de).