

Supplementary Materials

Approaches to dissect the vitamin biosynthetic network of the gut microbiota

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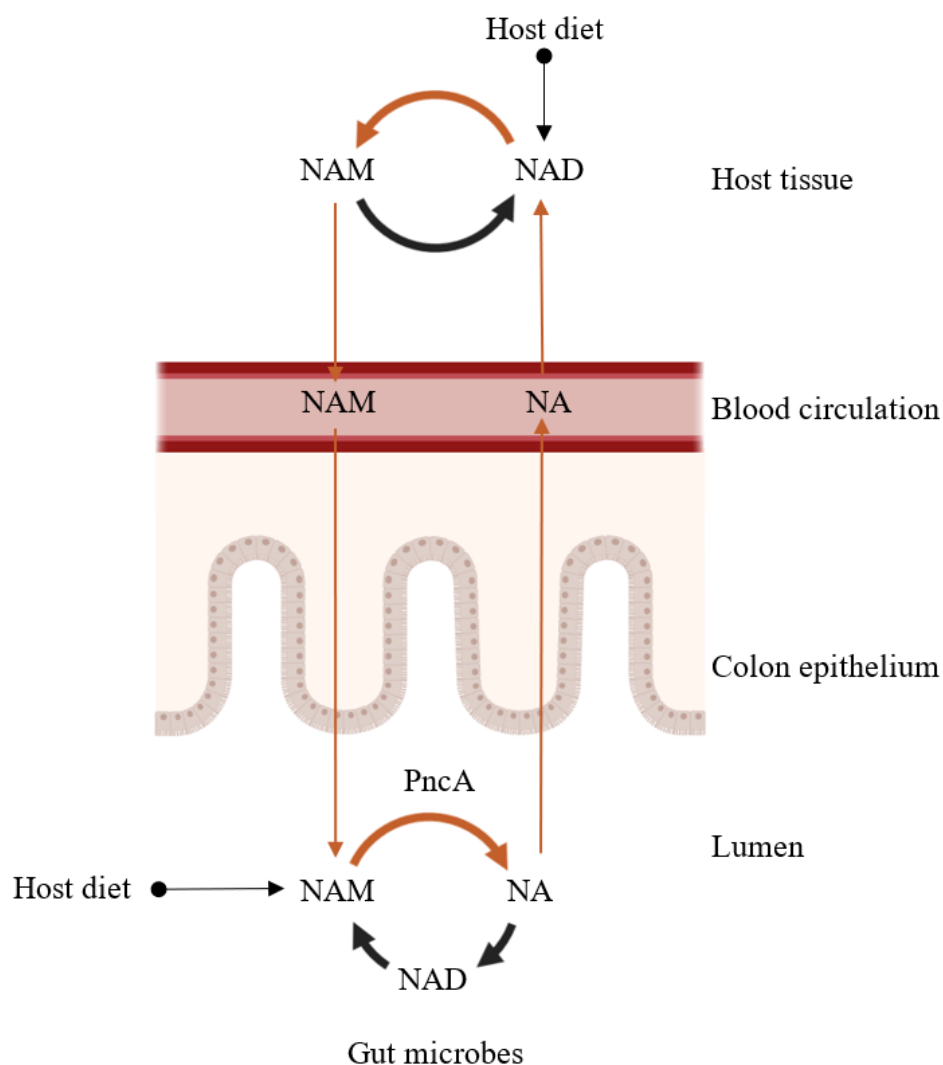
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Supplementary Figure 1. Simplified schematic of the vitamin B3 cycle between host and microbiota. Host-derived nicotinamide (NAM) enters the gut lumen and is converted by gut bacteria into nicotinic acid (NA). Microbiome-produced NA is then utilized by host tissues for nicotinamide adenine dinucleotide (NAD) synthesis, which, upon turnover, releases NAM back into circulation. Created in BioRender. Mancabelli, L. (2025).

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