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Cover: The Virtual Metabolic Human database (www.vmh.life): This comprehensive knowledge base contains information on human and gut microbial metabolism and links this information to hundreds of diseases and nutritional data. At its core, there are hundreds of manually curated genome-scale metabolic reconstructions, which have been assembled based on genomic, biochemical, and physiological data. The VMH facilitate rapid analyses and interpretations of complex data arising from large-scale biomedical studies by enabling complex queries of its content, by providing a detailed graphical representation of human metabolism, and by distributing computational models for simulating human and microbial metabolism with the COBRA Toolbox.

For more information see the article by Noronha, A. et al., pages D614–D624, in this issue.