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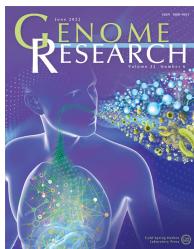
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**Cover** In this issue, thousands of longitudinally measured chemical and biological components along with physical factors in the personal exposome cloud were investigated for their impact on internal -omes, such as the proteome, metabolome, gut microbiome, as well as cytokines and blood markers. On the cover, the dynamic and diverse exposomics profile is depicted as a mixture and its complex interactions with the gut microbiome and internal biomolecules in various organs is illustrated. These potential gene–environment interactions elucidate how the exposome shapes human phenome and impacts precision health. (Cover artwork by Lettie McGuire [<https://lettiemcguire.com>]. [For details, see Gao et al., pp. 1199–1214.])