

Gut microbiota-mediated personalized treatment for hyperlipidemia using berberine

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Supplementary information

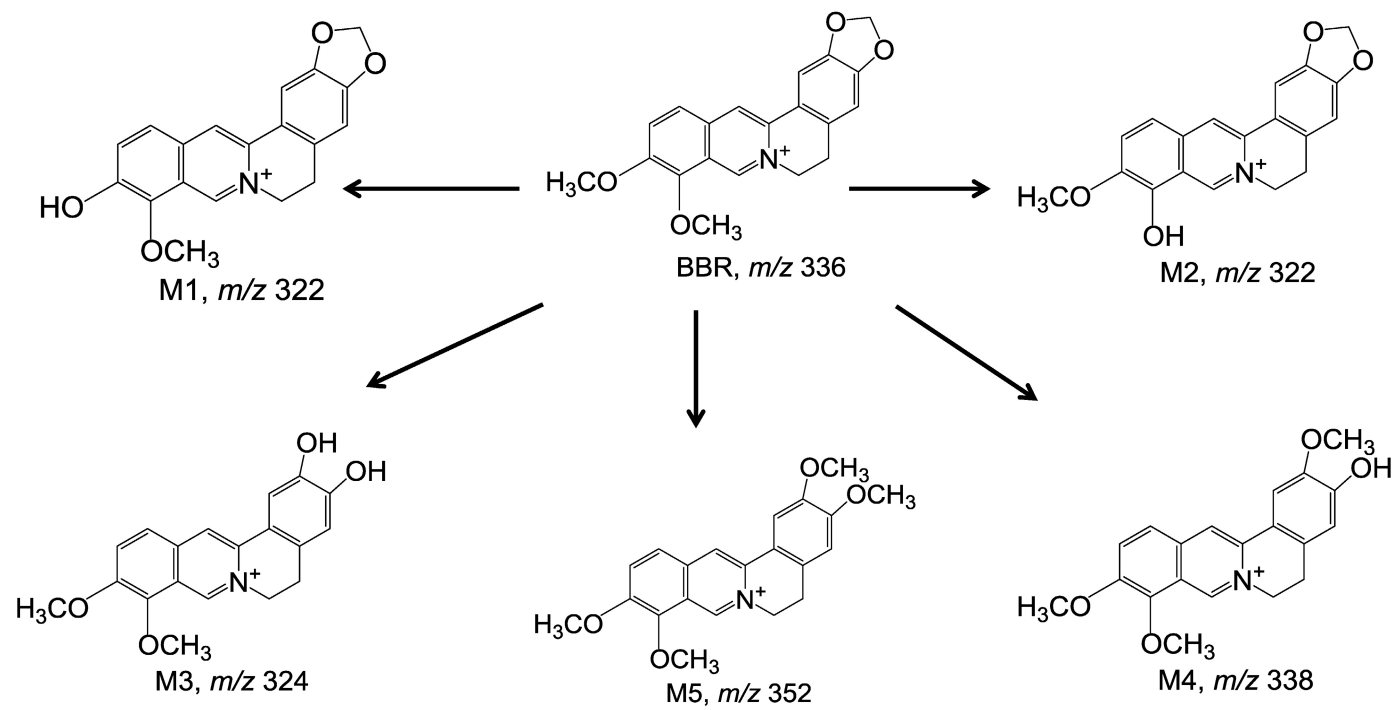
Figure legends

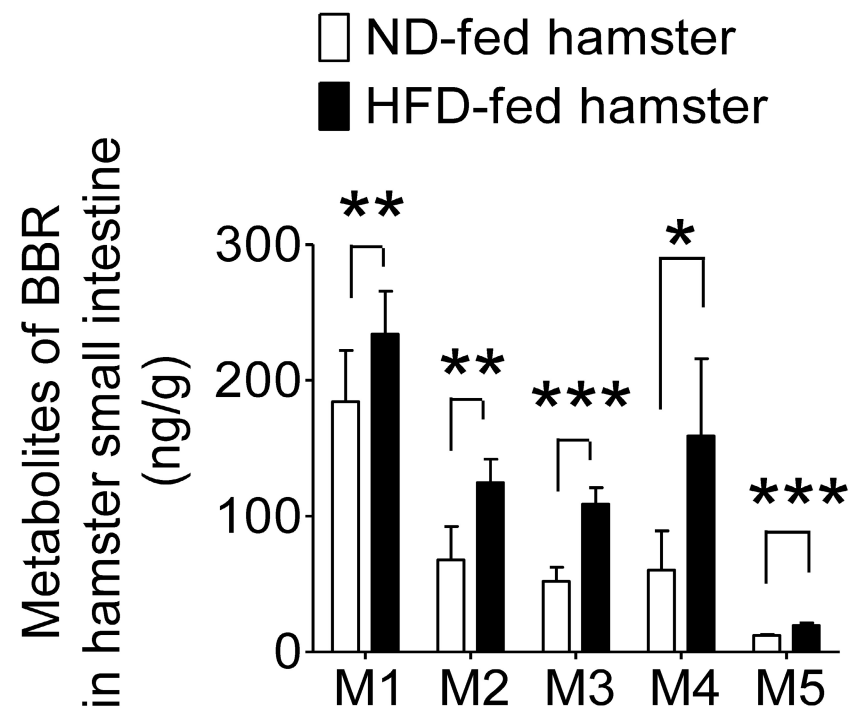
Supplementary Figure 1: Chemical structure of BBR and its main metabolites.

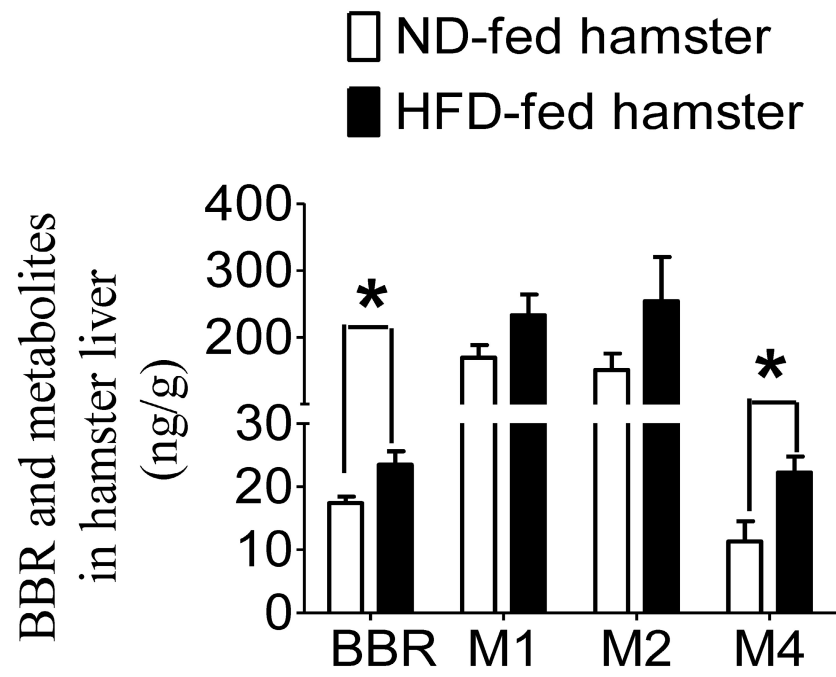
Supplementary Figure 2: Concentration of BBR main metabolites, M1-M5, in the small intestines of the HFD-fed or ND-fed hamsters ($P < 0.05$; $n = 5$ for the ND-fed and $n = 6$ for the HFD-fed hamsters).

Supplementary Figure 3: Concentration of BBR main metabolites M1-M5 in the livers of HFD-fed or ND-fed hamsters ($P < 0.05$; $n = 5$ for the ND-fed hamsters, and $n = 6$ for the HFD-fed hamsters).

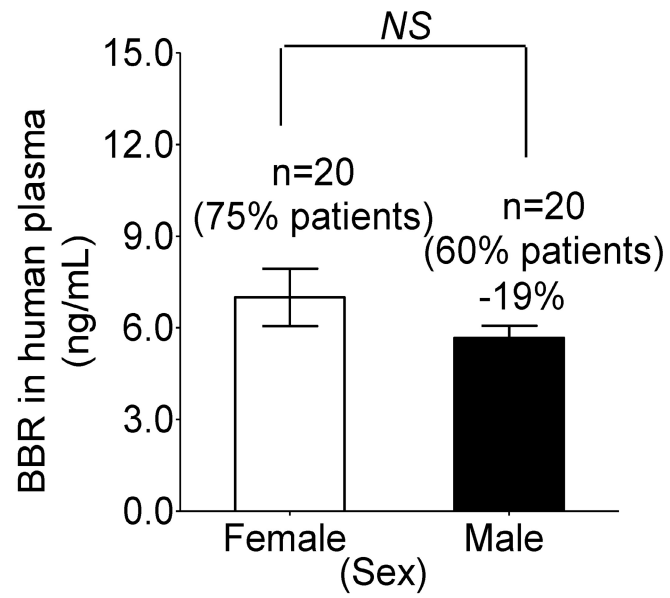
Supplementary Figure 4: Blood concentration of BBR in human subjects. No difference was observed in plasma BBR concentrations between male and female and between those above 50 and below 50 years old (*NS*: no significance).







A



B

