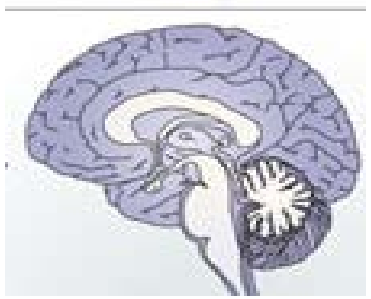
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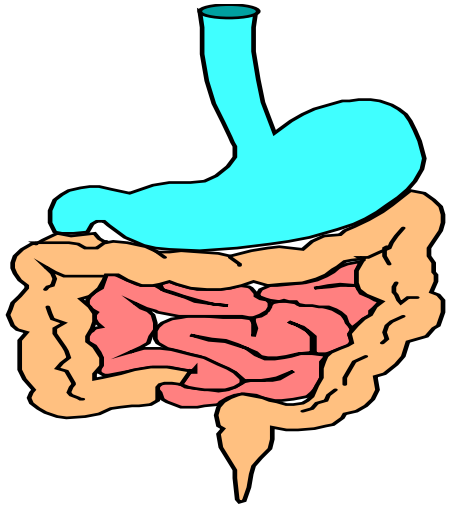
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Microbe to brain communication

Vagus nerve
Short chain fatty acids
Cytokines
Tryptophan





Brain to microbe communication

Vagus nerve
HPA
SAM

Depression
Gut dysbiosis