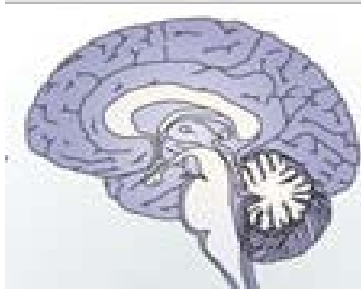


Title	Gut microbes and depression: still waiting for Godot
Authors	Dinan, Timothy G.;Cryan, John F.
Publication date	2019-02-13
Original Citation	Dinan, T. G. and Cryan, J. F. (2019) 'Gut microbes and depression: still waiting for Godot', Brain, Behavior and Immunity. doi:10.1016/j.bbi.2019.02.007
Type of publication	Article (peer-reviewed)
Link to publisher's version	http://www.sciencedirect.com/science/article/pii/S0889159119301436 - 10.1016/j.bbi.2019.02.007
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Download date	2025-01-26 16:44:38
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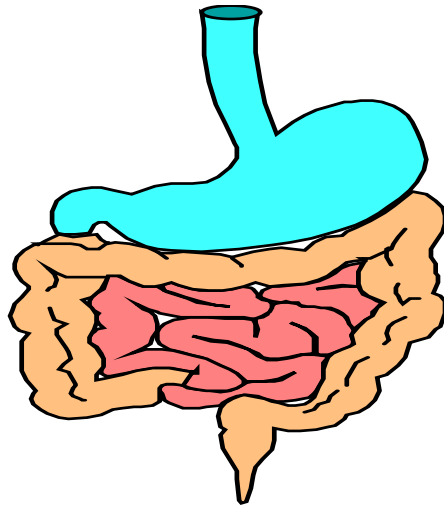
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Coláiste na hOllscoile Corcaigh



Microbe to brain communication

Vagus nerve
Short chain fatty acids
Cytokines
Tryptophan



Brain to microbe communication

Vagus nerve
HPA
SAM



Depression
Gut dysbiosis