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## "Purple Bacteria"

•Include wide variety of pathogens, such as *Escherichia, Salmonella, Vibrio* 

•All gram negative with an outer membrane mainly composed of lipolysaccharides

•Many move using flagella but some are non-motile

•Most members are facultative or obligatory anaerobic and heterotrophic, but there are many exceptions

•A very large and metabolically diverse phylum















