



Figure 1. Cross-species regulation of gene expression through miRNAs. **(A)** Plant miRNAs (e.g., MIR168a) regulate gene expression in mammals.⁸ **(B)** Human miRNAs (e.g., miR-451) affect malaria parasite biology and survival.⁹ **(C)** Viral miRNAs (e.g., KSHV-miR-K12-11) regulate host gene expression,¹⁶⁻²³ and host miRNAs (e.g., miR-122) regulate viral gene expression.²⁴⁻²⁷