

The invention relates to variants and fusions of fibroblast growth factor 19 (FGF19), variants and fusions of fibroblast growth factor 21 (FGF21), fusions of fibroblast growth factor 19 (FGF19) and/or fibroblast growth factor 21 (FGF21), and variants or fusions of fibroblast growth factor 19 (FGF19) and/or fibroblast growth factor 21 (FGF21) proteins and peptide sequences (and peptidomimetics), having one or more activities, such as glucose lowering activity, and methods for and uses in treatment of hyperglycemia and other disorders.