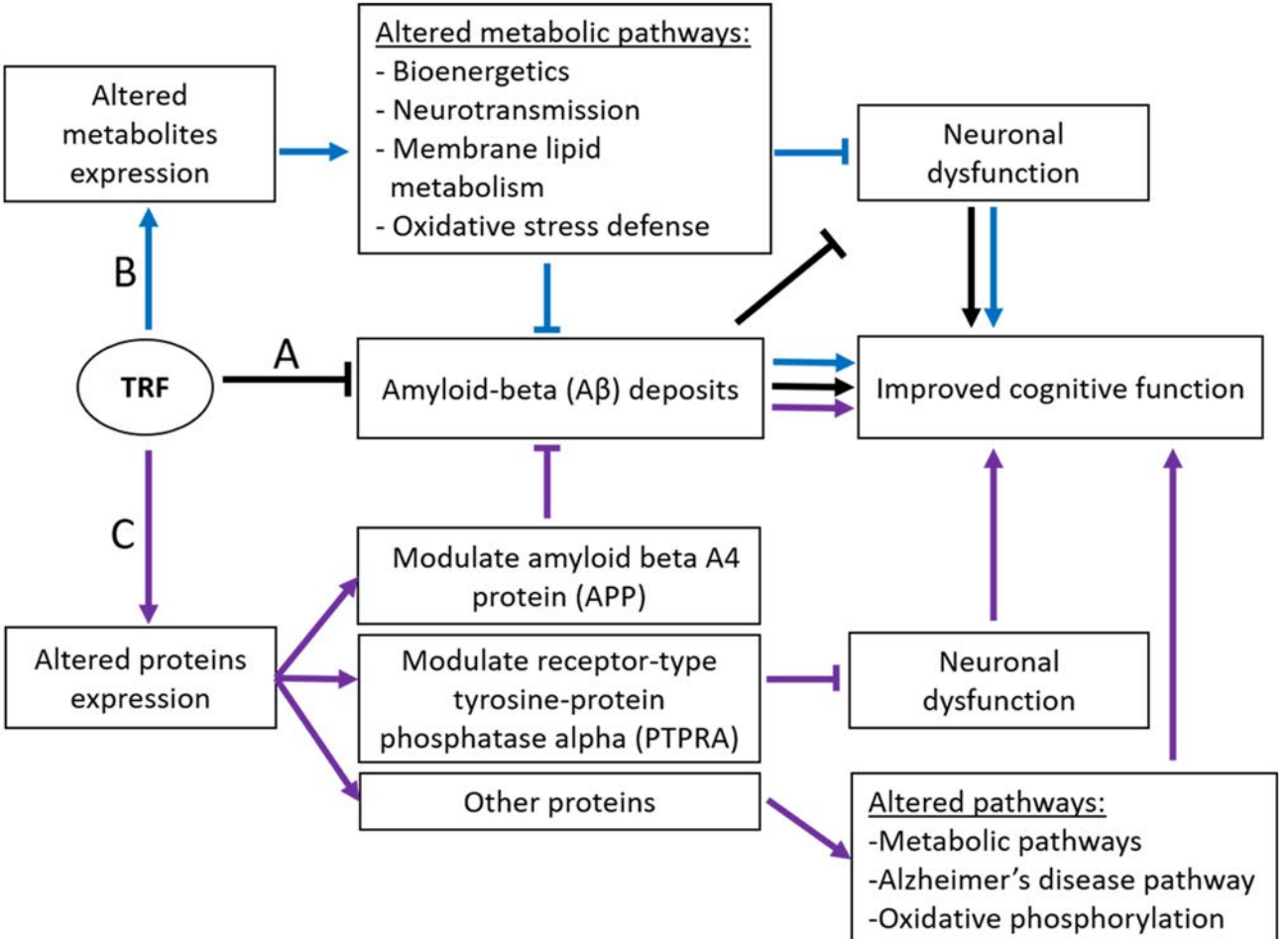
Altered metabolites expression
Altered metabolic pathways:
- Bioenergetics
- Neurotransmission
- Membrane lipid metabolism
- Oxidative stress defense
Neuronal dysfunction
B
TRF
A
Amyloid-beta (Aβ) deposits
Improved cognitive function
C
Modulate amyloid beta A4 protein (APP)
Altered proteins expression
Modulate receptor-type tyrosine-protein phosphatase alpha (PTPRA)
Neuronal dysfunction
Other proteins
Altered pathways:
-Metabolic pathways
-Alzheimer's disease pathway
-Oxidative phosphorylation

Figure 4