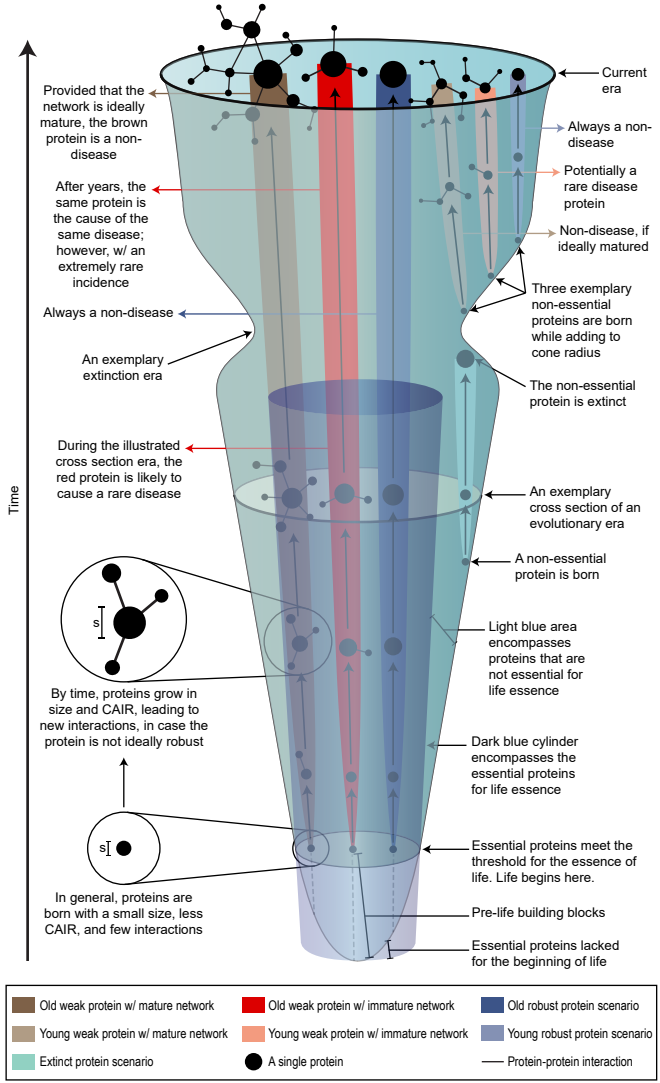
Time
Current era
Provided that the network is ideally mature, the brown protein is a non-disease
Always a non-disease
After years, the same protein is the cause of the same disease; however, w/ an extremely rare incidence
Potentially a rare disease protein
Non-disease, if ideally matured
Three exemplary non-essential proteins are born while adding to cone radius
Always a non-disease
An exemplary extinction era
The non-essential protein is extinct
During the illustrated cross section era, the red protein is likely to cause a rare disease
An exemplary cross section of an evolutionary era
A non-essential protein is born
s
Light blue area encompasses proteins that are not essential for life essence
By time, proteins grow in size and CAIR, leading to new interactions, in case the protein is not ideally robust
Dark blue cylinder encompasses the essential proteins for life essence
s
Essential proteins meet the threshold for the essence of life. Life begins here.
In general, proteins are born with a small size, less CAIR, and few interactions
Pre-life building blocks
Essential proteins lacked for the beginning of life
Old weak protein w/ mature network
Old weak protein w/ immature network
Old robust protein scenario
Young weak protein w/ mature network
Young weak protein w/ immature network
Young robust protein scenario
Extinct protein scenario
A single protein
Protein-protein interaction