

Abstract

Splicing is a process essential for the proper functioning of eukaryotic cells. It is a complicated and highly dynamic process, participated by large numbers of proteins which perform diverse functions, either directly within the splicing complex, or sometimes outside of it. Among the proteins, which play an important role in splicing, are cyclophilins. Cyclophilins probably cause conformational changes in the other components of splicing complex. They can also maintain them in the desired conformation thereby they contribute to the dynamics of the spliceosome. This work provides an overview of cyclophilins, which were confirmed to participate on pre-mRNA splicing, and summarizes suggestions of possible functions that these proteins may perform.