

## Prion proteins and copper ions. Biological and chemical controversies.

---

### Autorzy

Henryk Kozłowski  
Marek Łuczowski  
Maurizio Remelli

### Rok wydania

2010

### Czasopismo

Dalton Transactions

### Numer woluminu

39

### Strony

6371-6385

### DOI

10.1039/c001267j

### Kolekcja

Naukowa

### Język

Angielski

### Typ publikacji

Artykuł

### Streszczenie

The Prion protein (PrP(c)) involvement in some neurodegenerative diseases is well assessed although its "normal" biological role is not completely understood. It is known that PrP(C) can bind Cu(II) ions with high specificity but the order of magnitude of the corresponding affinity constant(s) is still highly debated. This perspective is an attempt to collect the current knowledge on these topics and to build up a bridge between the biological and the chemical points of view.

### Adres publiczny

<http://dx.doi.org/10.1039/c001267j>

### Strona internetowa wydawcy

<https://www.rsc.org/>