

Review of: "The CCN Family of Proteins: A Critical Approach to the Multi-Modular Structure of the CCN Domains"

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Potential competing interests: No potential competing interests to declare.

Perbal's review offers a comprehensive and critical perspective on the structural and functional aspects of CCN proteins. By integrating evolutionary biology with molecular function, the paper provides valuable insights into how the modular architecture of CCN proteins contributes to their diverse roles in cellular processes. The discussion on proteolytic processing and nuclear localization adds depth to our understanding of the regulatory mechanisms governing CCN protein activity.

However, the review also identifies gaps in current knowledge, particularly regarding the individual functions of each module within the full-length protein and the biological relevance of their nuclear localization. These areas present opportunities for future research to further elucidate the multifaceted roles of CCN proteins.

In conclusion, this paper serves as a valuable resource for researchers interested in the CCN family of proteins, offering a critical evaluation of their modular structure and prompting further investigation into their complex biological functions.