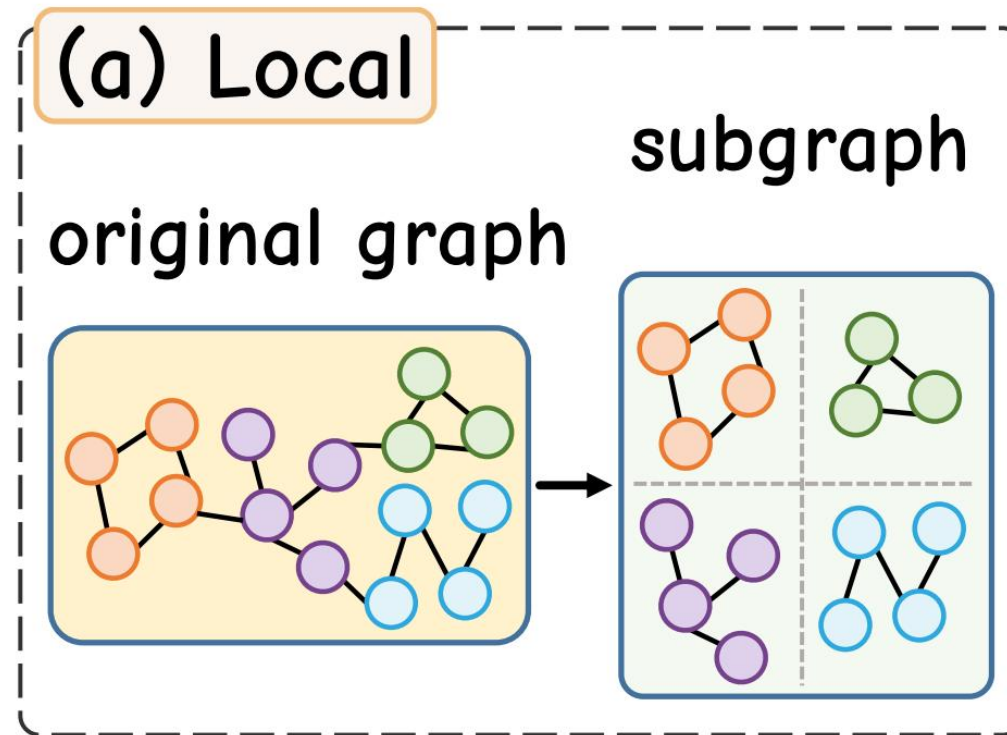


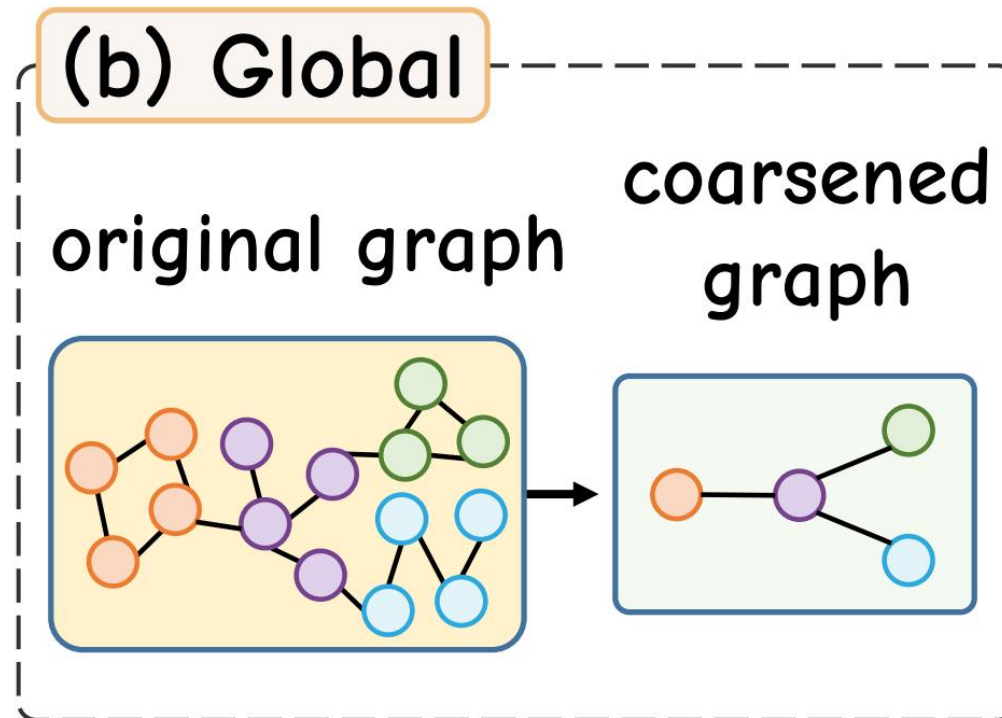
From GNNs to Trees: Multi-Granular Interpretability for Graph Neural Networks

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- Interpretable GNNs aim to explain model predictions by linking decisions to informative subgraphs.
- However, current methods often focus too much on local structure, neglecting long-range dependencies in the graph.



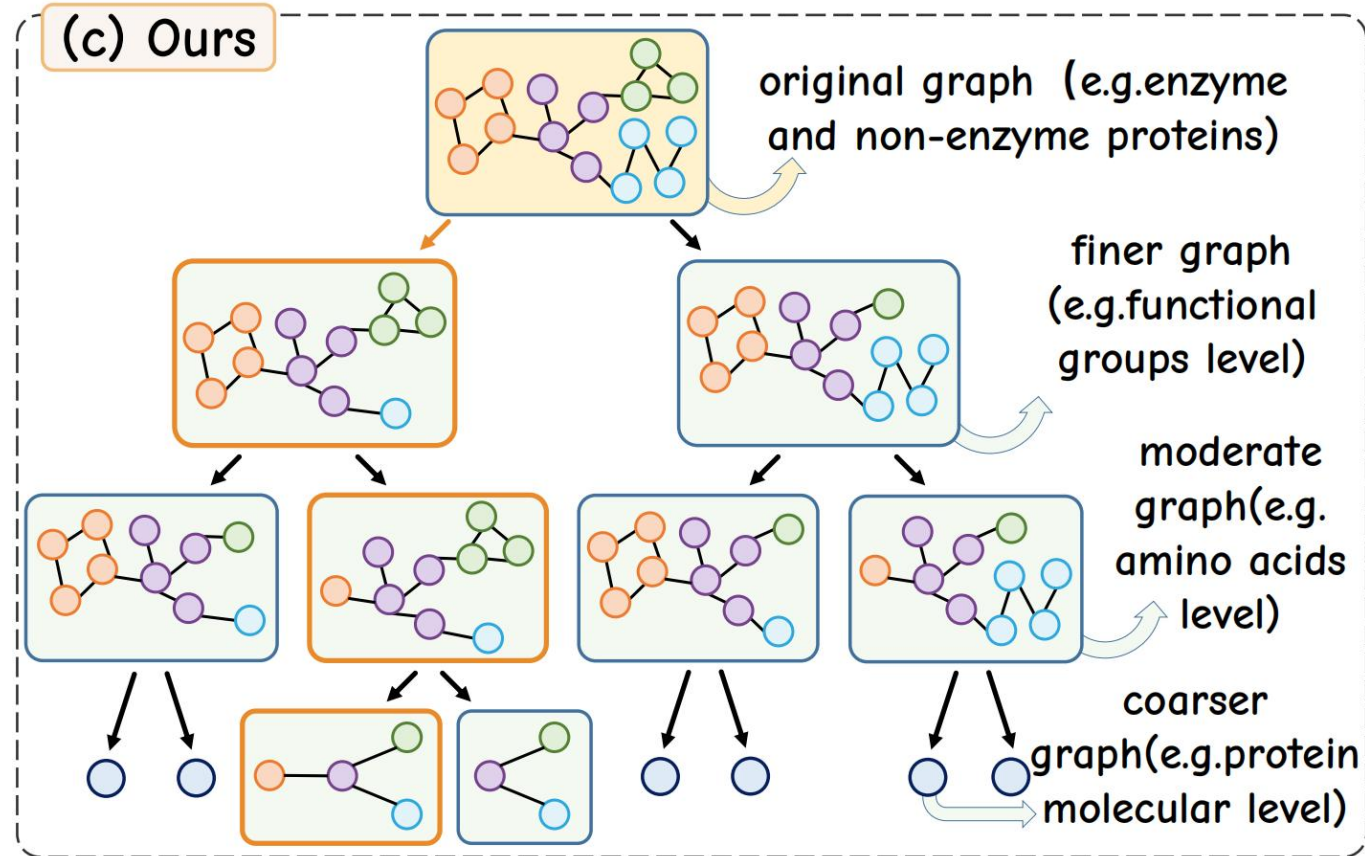
- Recent graph coarsening methods improve global interpretability but reduce graphs to a fixed granularity.



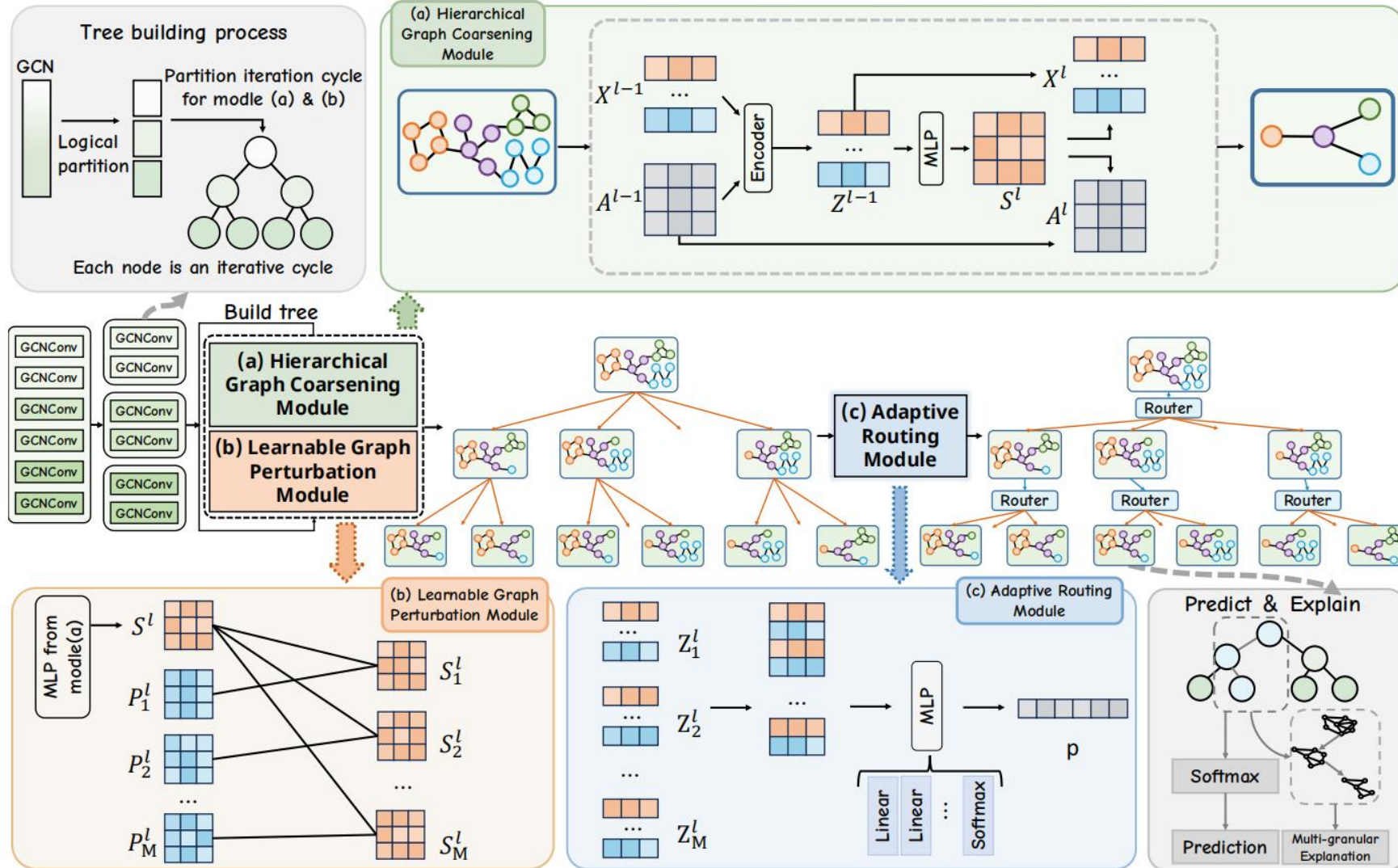
functional groups → amino acids → protein domains

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- Tree-like Interpretable Framework (TIF)



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Have A Nice Day!

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