UNIVERSITA DEGLI STUDI DI TORINO

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- **Aim**: Predicting RNA Secondary Structure
- **Motivation**: Secondary Structure often important for functionality
- **Method**: Neural Networks
- **Problems**: Finding the right formulation of the problem for the network
- **Approach**:
  - Developing a window-based method
  - Determine if possible interactions are actual interactions or not
  - Using RNA STRAND V2.0 database for actual interactions
  - Using alignment algorithm to determine possible interactions
  - Combining this data to feed to network
  - Networks learns: potential interaction is real or not
- **Results**: coming soon