

## Aims of the Workshop

A variety of technologies as well as new problems are appearing between molecular biology and knowledge processing. We will discuss knowledge representation and knowledge processing approaches to treat genetic and protein information issues, and consider ways to predict protein structures from amino acid sequences. We will also review the latest research and forecast future directions.

### Topics

**Application of:**

Stochastic Models/Grammars  
Knowledge Representations  
Optimization Algorithms  
Logic Programming  
etc.

**to:**

DNA/Amino Acid Sequence Analysis  
Protein Structure Prediction  
Genome Mapping  
Biochemical Reaction Analysis  
etc.

**Proposals from:**

DNA/Amino Acid Sequence Analysis  
Protein Structure Prediction  
Genome Mapping  
Biochemical Reaction Analysis  
etc.

**to:**

Stochastic Models/Grammars  
Knowledge Representations  
Optimization Algorithms  
Logic Programming  
etc.