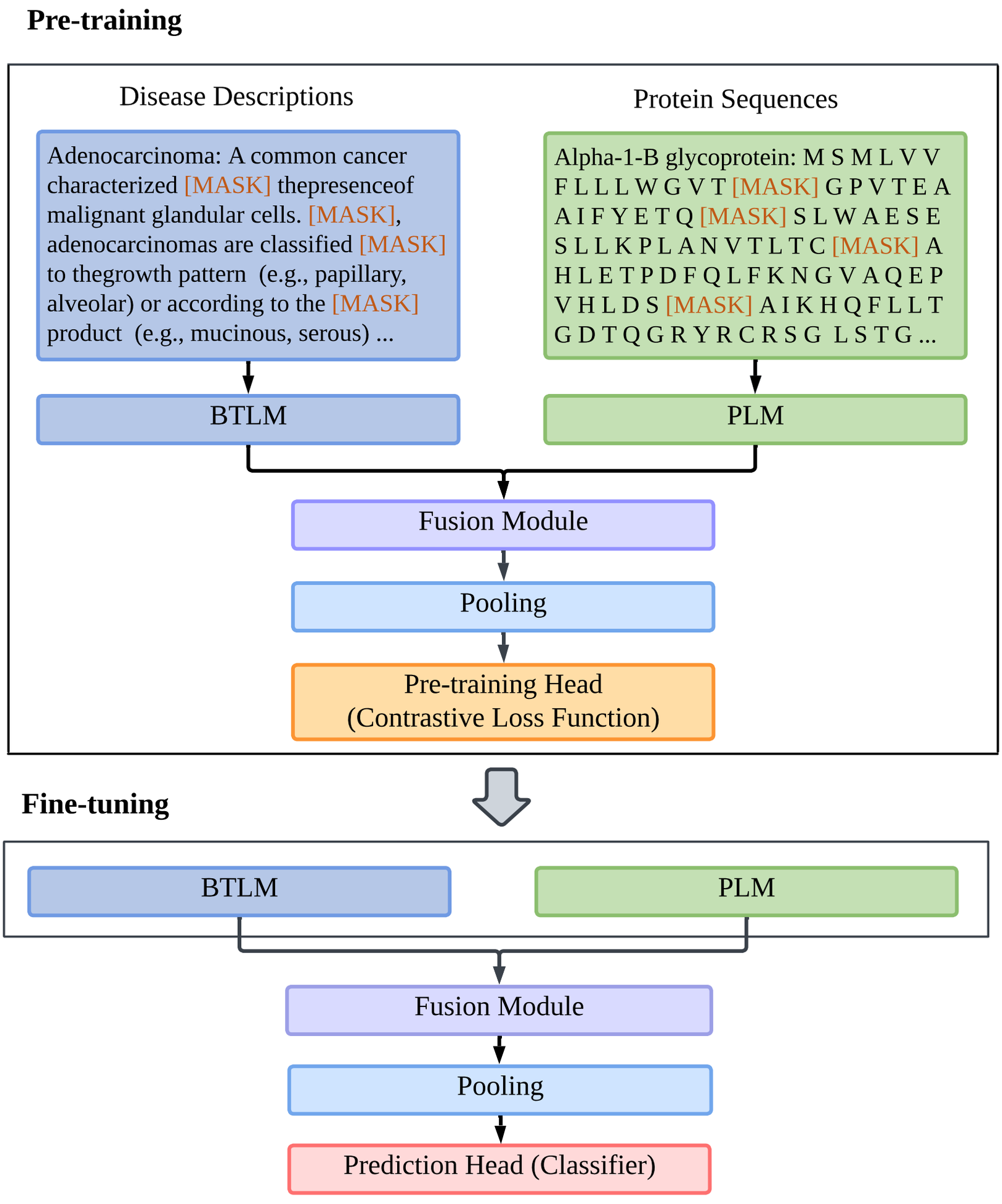
Pre-training
Disease Descriptions
Protein Sequences
Adenocarcinoma: A common cancer characterized [MASK] thepresenceof malignant glandular cells. [MASK], adenocarcinomas are classified [MASK] to thegrowth pattern (e.g., papillary, alveolar) or according to the [MASK] product (e.g., mucinous, serous) ...
Alpha-1-B glycoprotein: M S M L V V F L L L W G V T [MASK] G P V T E A A I F Y E T Q [MASK] S L W A E S E S L L K P L A N V T L T C [MASK] A H L E T P D F Q L F K N G V A Q E P V H L D S [MASK] A I K H Q F L L T G D T Q G R Y R C R S G L S T G ...
BTLM
PLM
Fusion Module
Pooling
Pre-training Head
(Contrastive Loss Function)
Fine-tuning
BTLM
PLM
Fusion Module
Pooling
Prediction Head (Classifier)