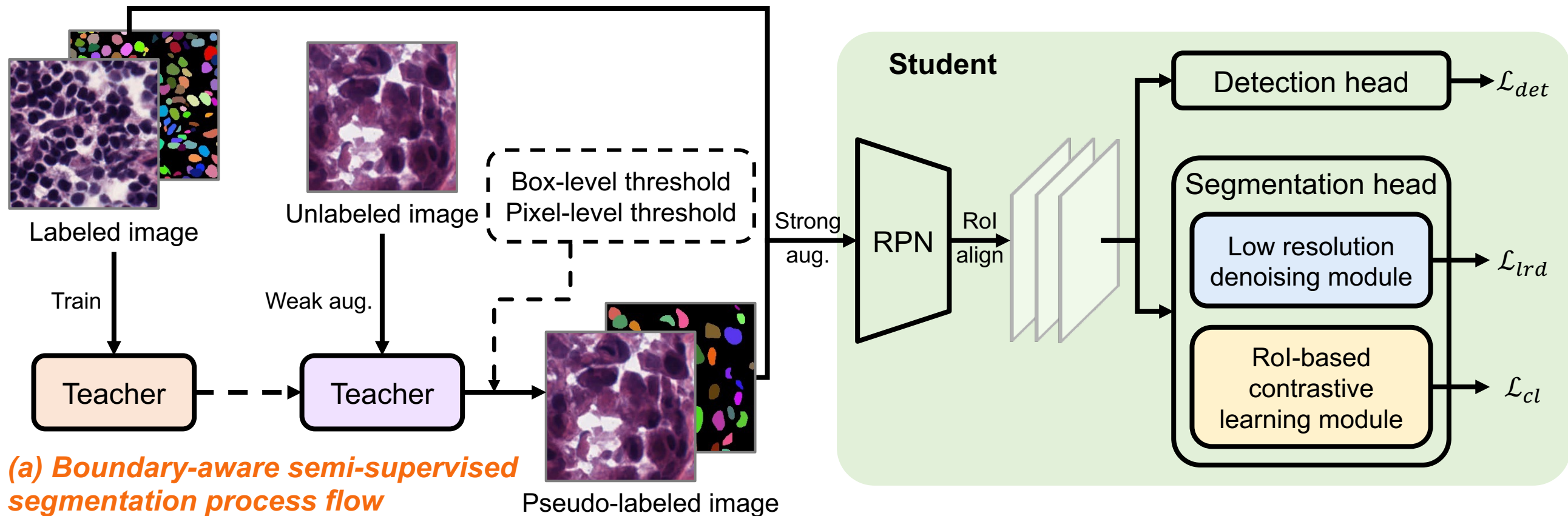
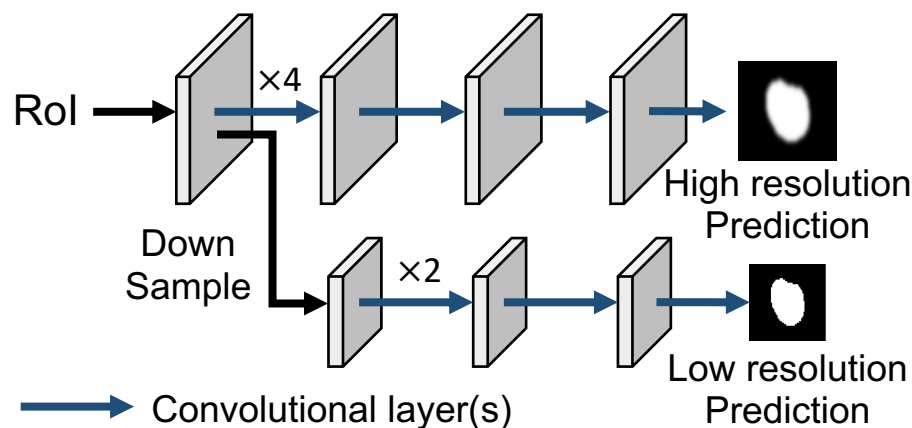


Teacher model training

Pseudo label generation

Student model training

**(b) Low resolution denoising head****(c) RoI-based contrastive learning module**