

## Supplementary Materials

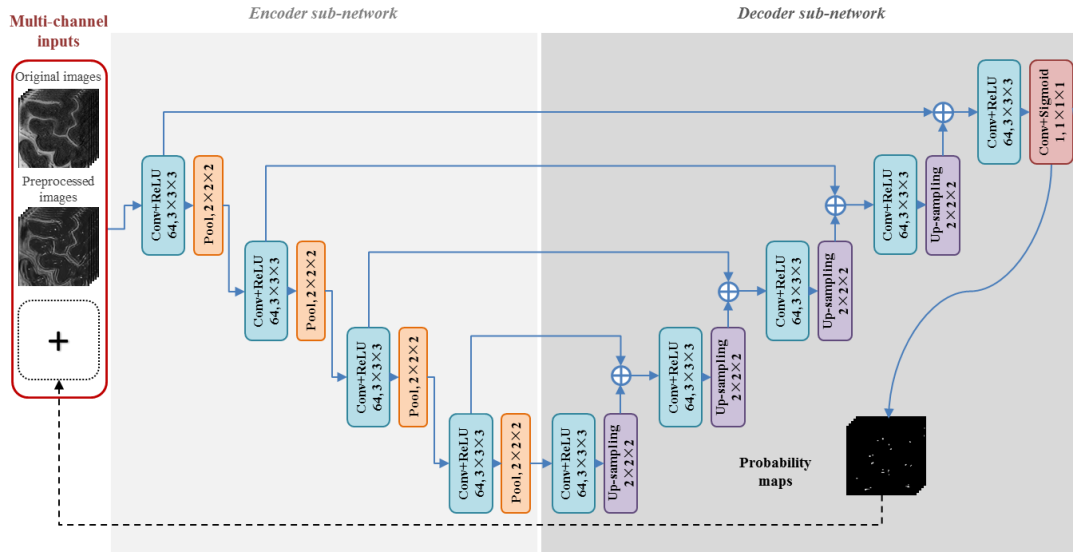


Figure S1: The network architecture of  $M^2EDN-S$ , i.e., a single-scale variant of the proposed  $M^2EDN$ . That is, no multi-scale feature learning is included in  $M^2EDN-S$ .