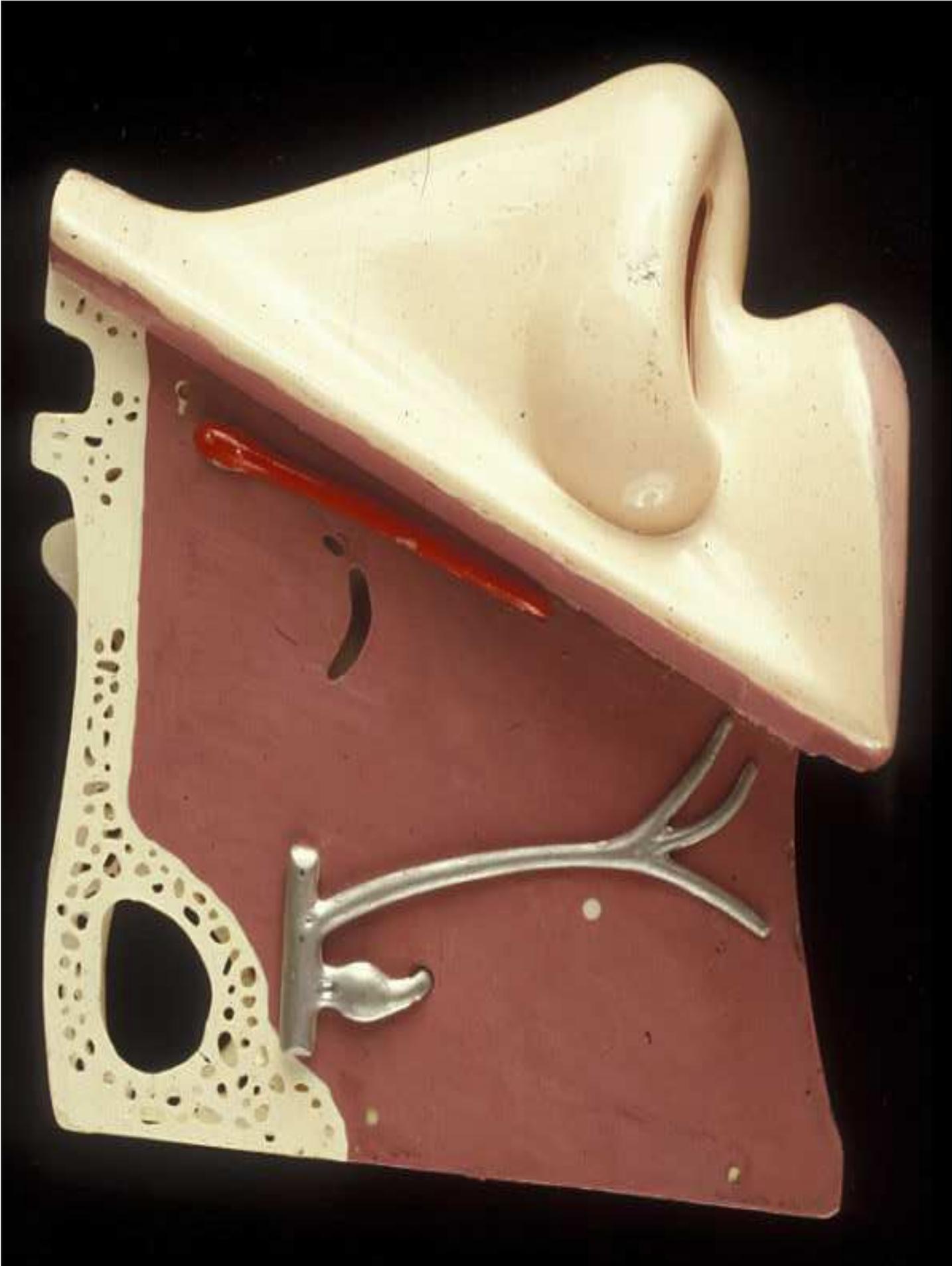
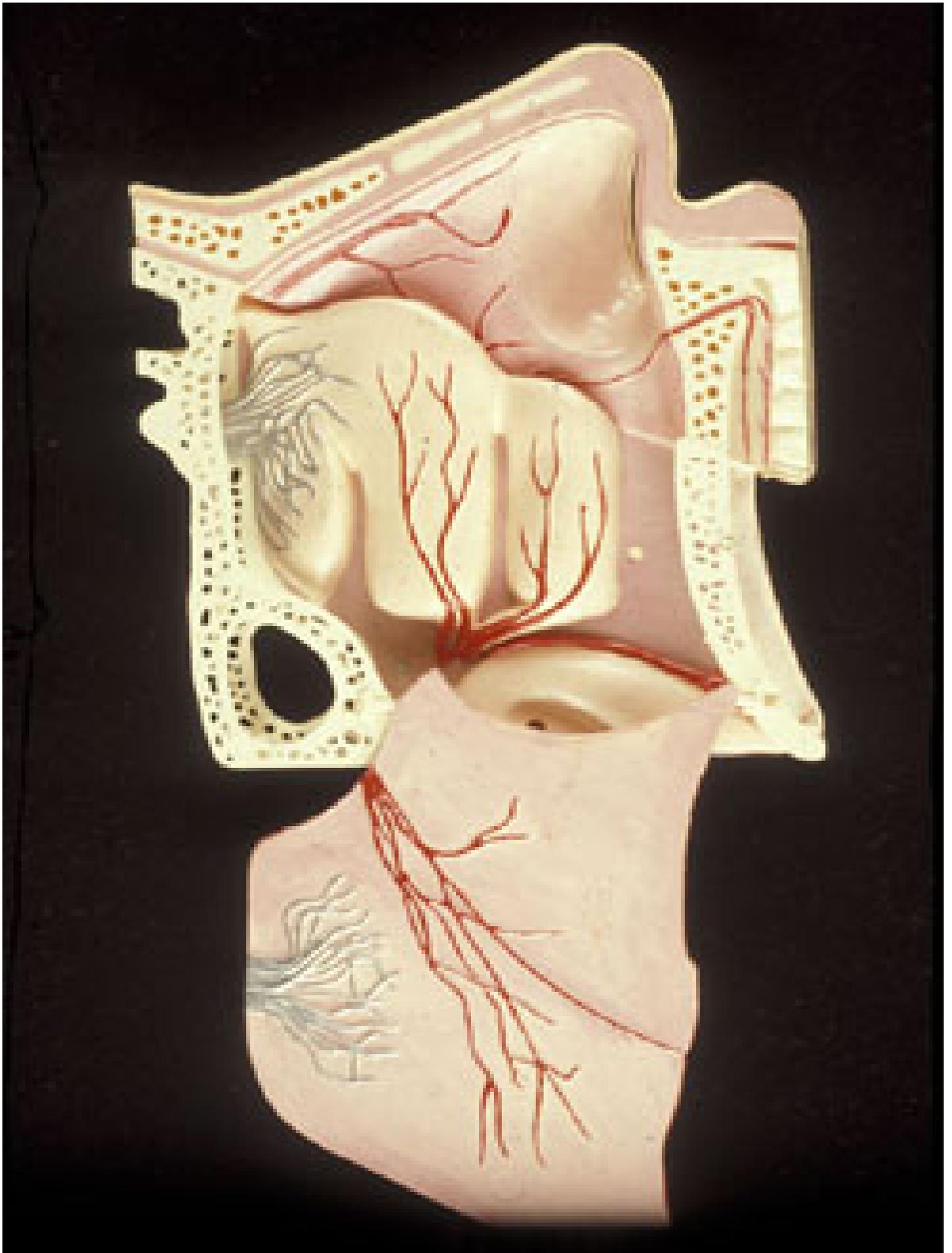


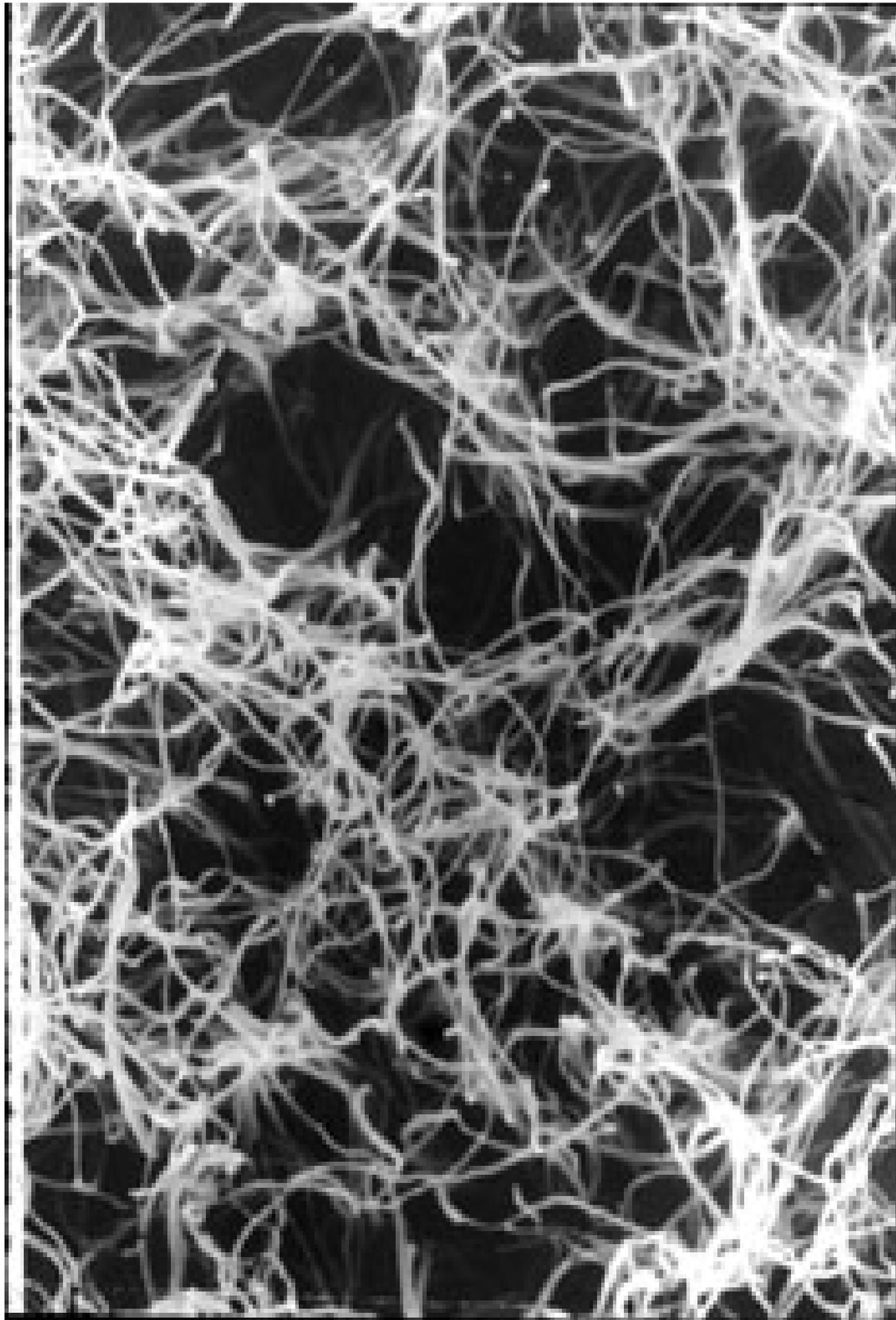
Chemical and Psychological Dimensions of the Sense of Smell

Tom Morton
Dept of Chemistry, UC Riverside



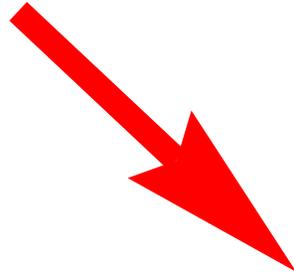




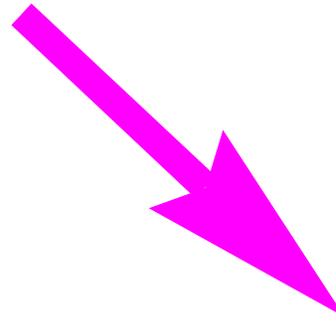
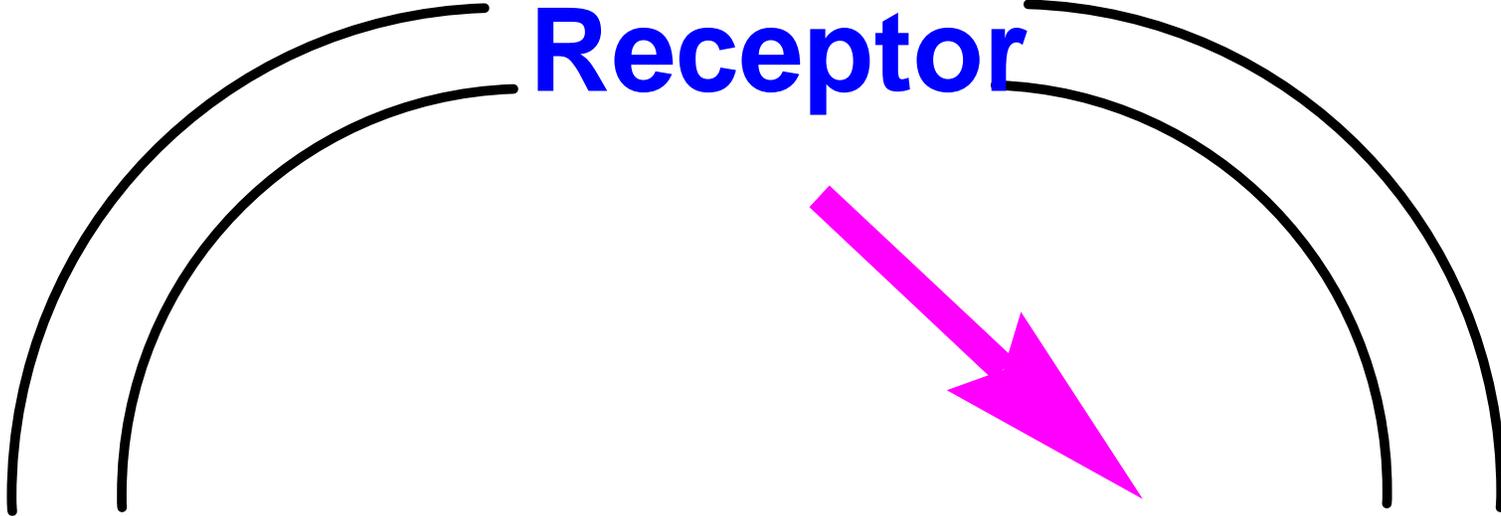


15KV X5400 0024 1.0U

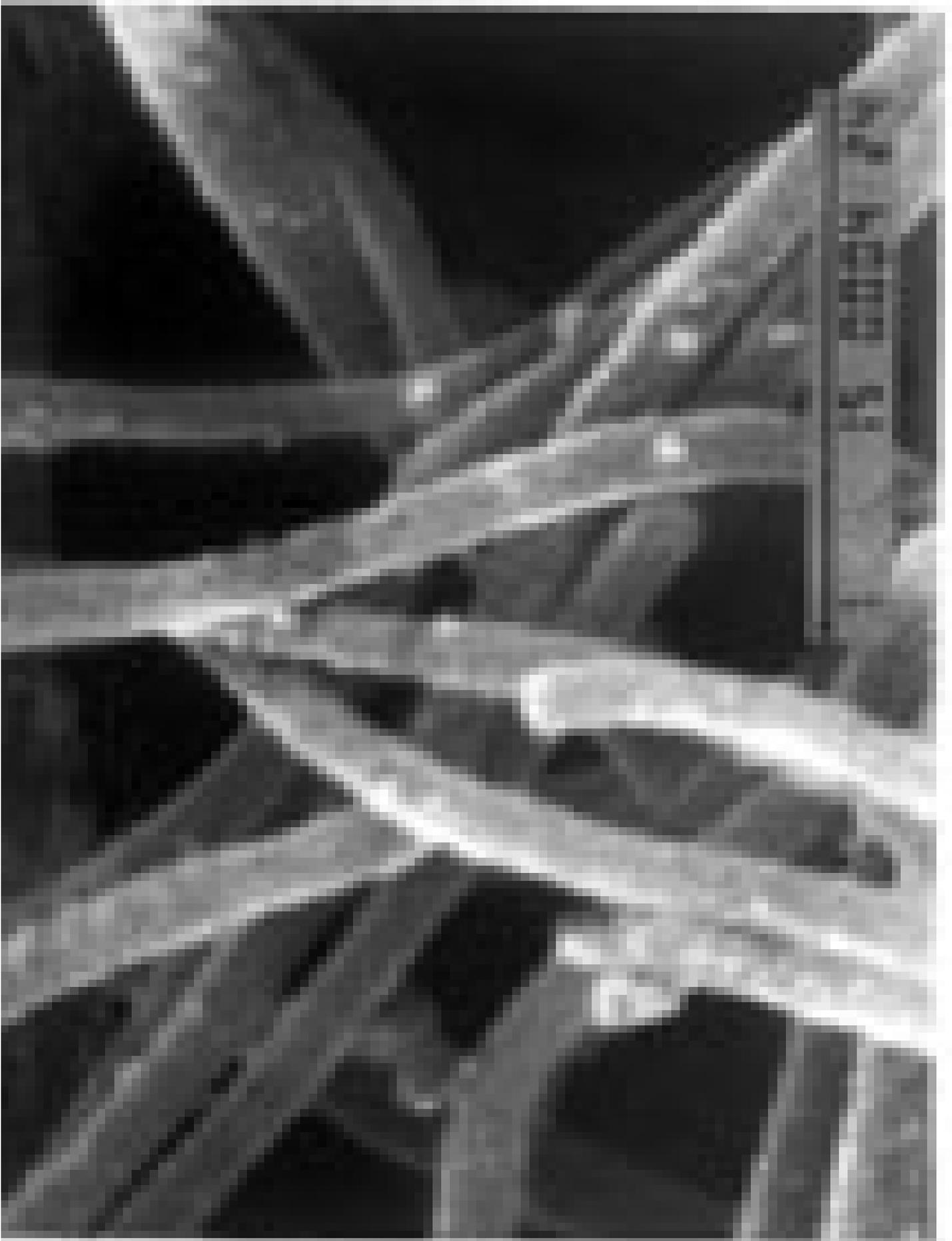
Stimulus



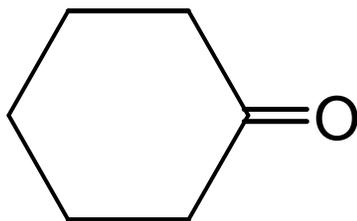
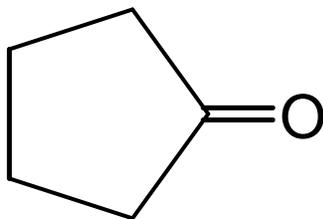
Receptor



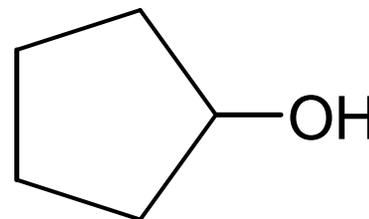
Effector



Selective hyposmias
observed for

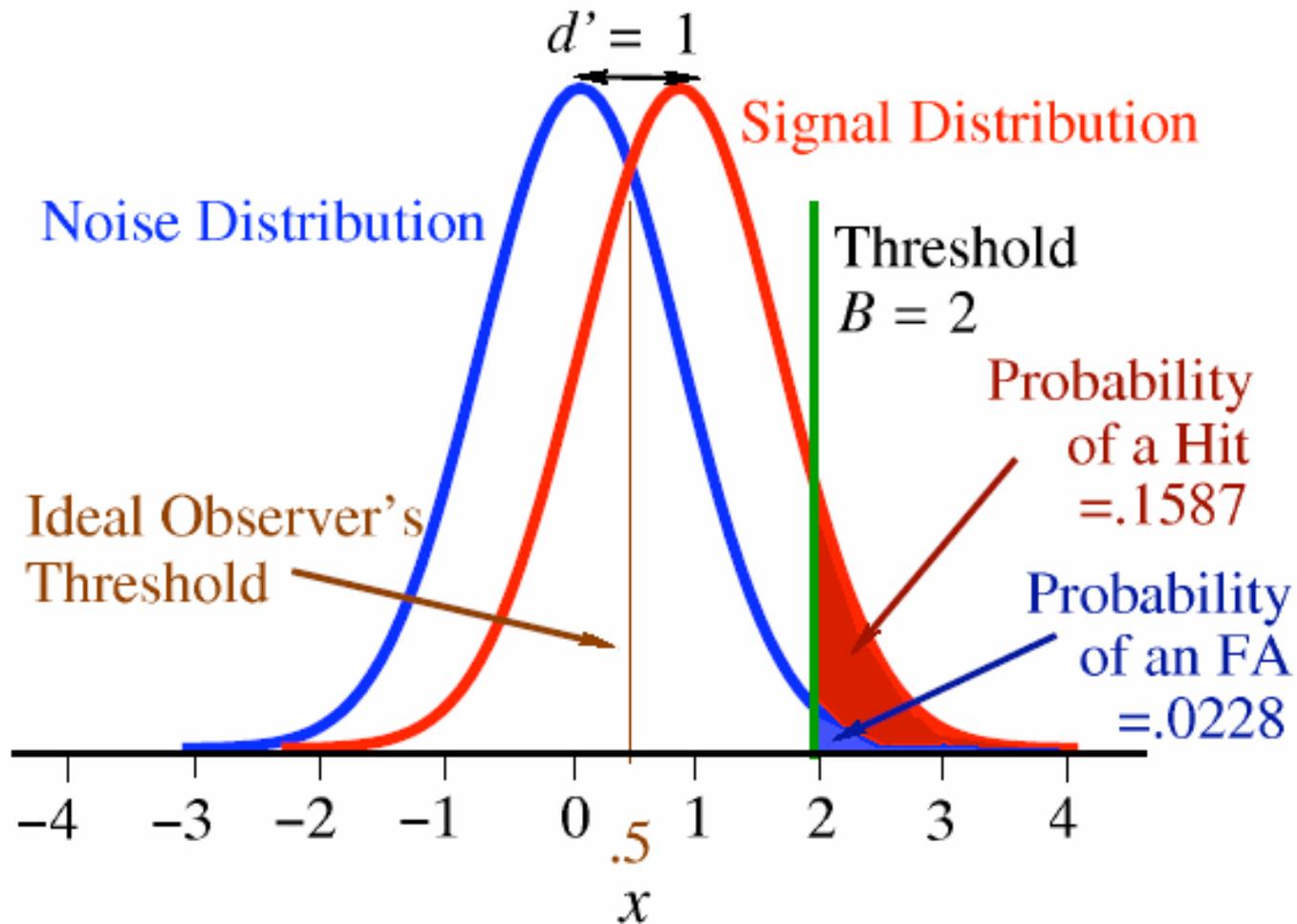


but not for

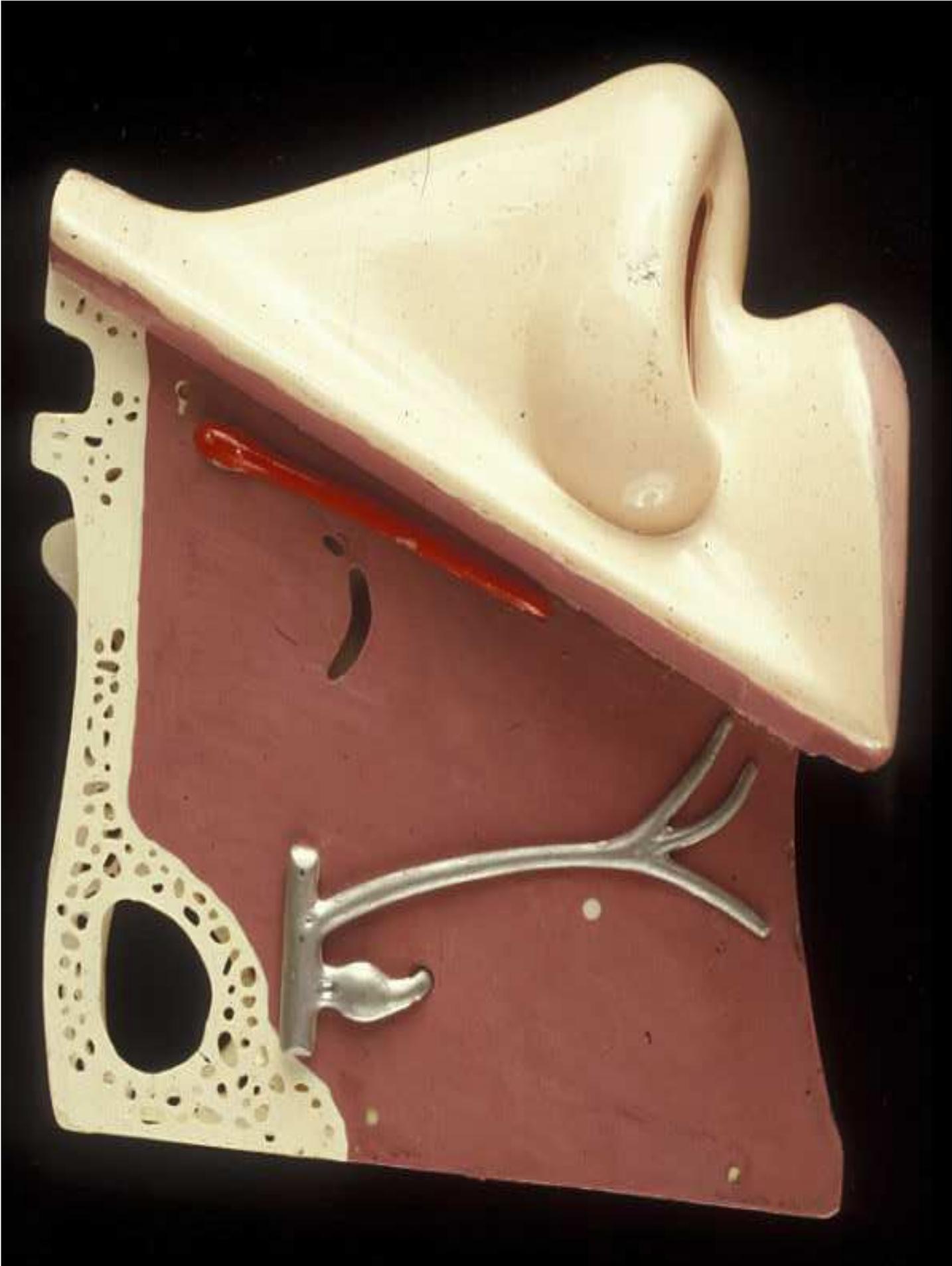


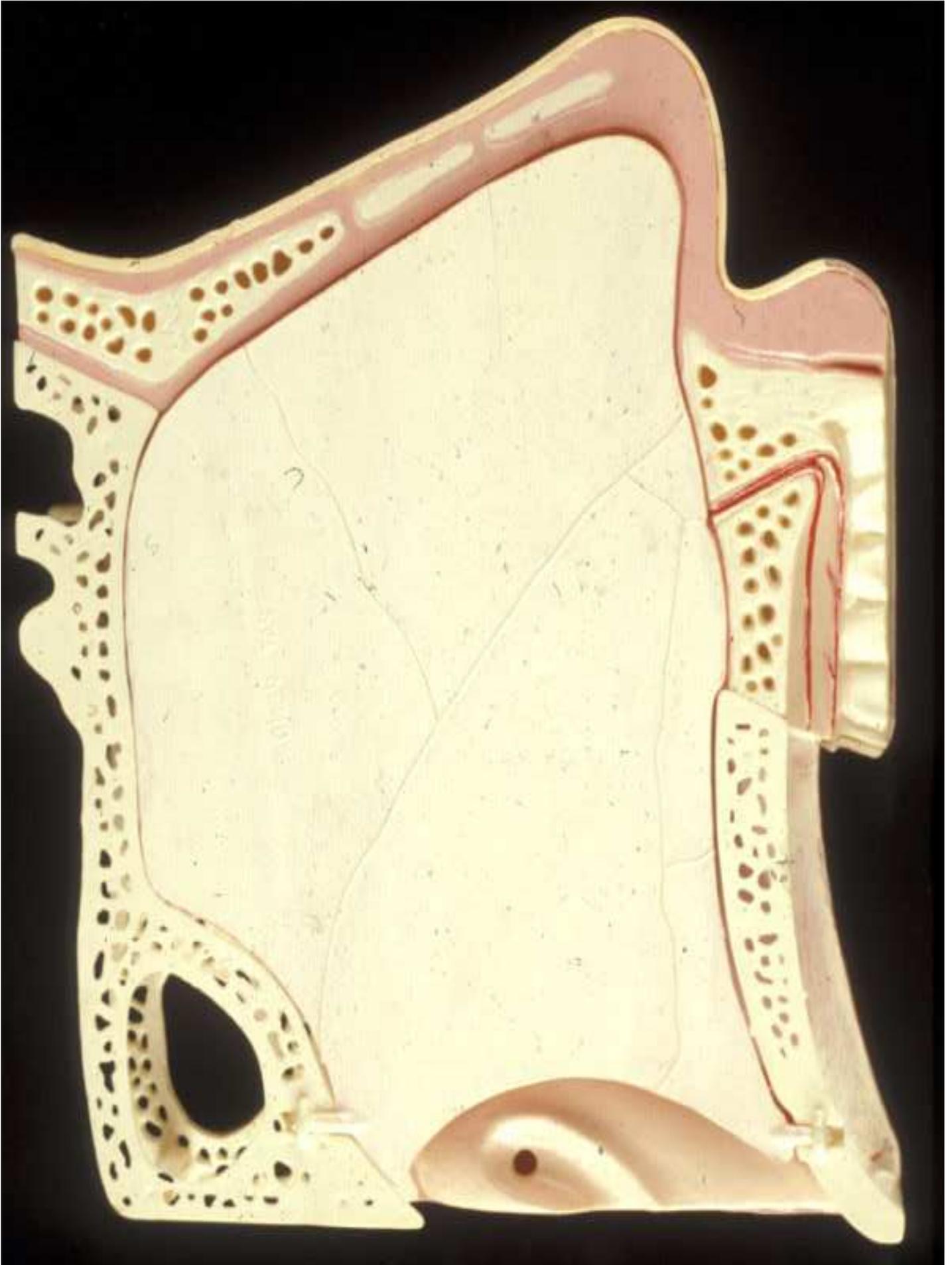
Psychophysics:
mapping from the physical dimension to
the psychological dimension:

$$\Phi \rightarrow \Psi$$



<http://www.utdallas.edu/~herve/Abdi-SDT2007-pretty.pdf>





Contralateral Adaptation to *n*-Butanol

