

V I S U A L N E U R O S C I E N C E

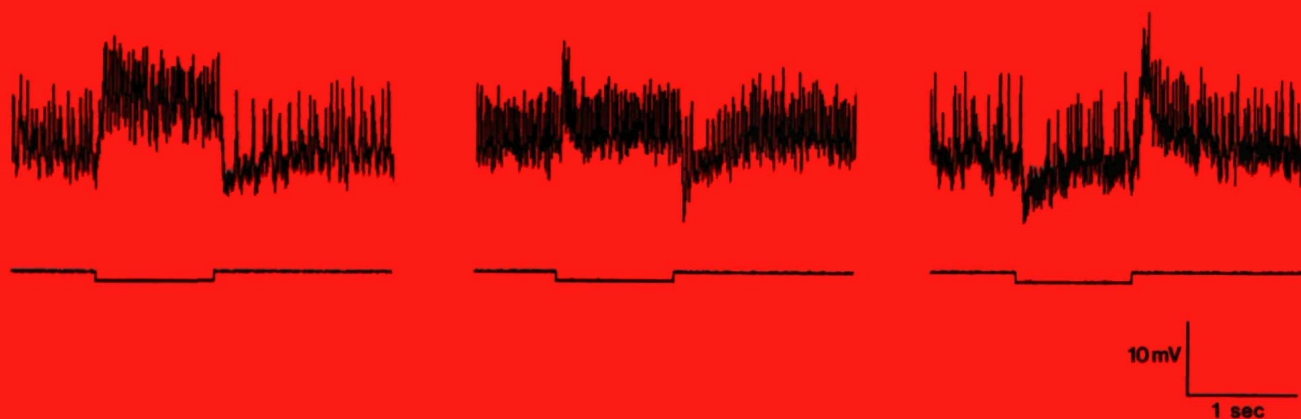
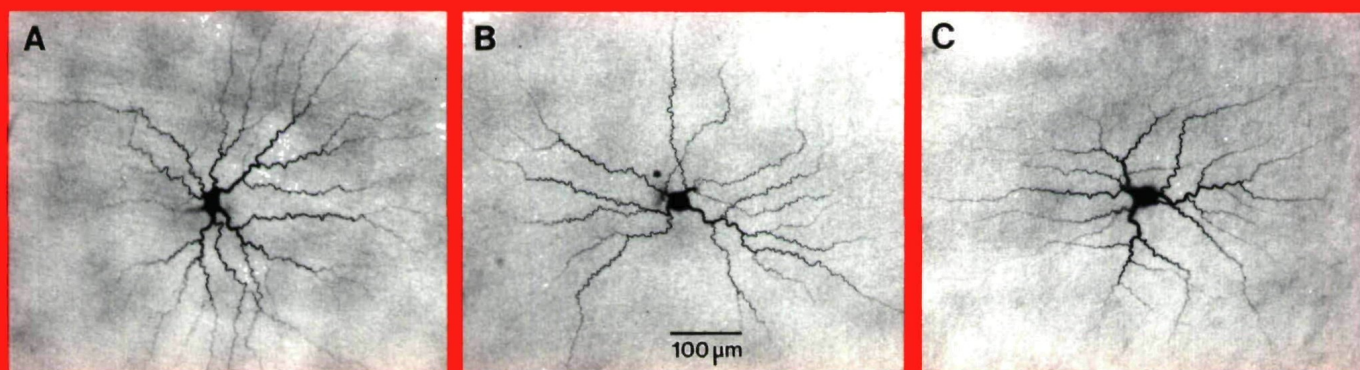
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Cover Diagram. Morphology of ON- and OFF-center alpha (α) ganglion cells with correlative physiology. The photomicrographs (A–C) demonstrate that all recordings used in this study were obtained from ganglion cells displaying the characteristic rabbit α -cell morphology. The responses illustrated under the photomicrographs show that ON cells responded to scotopic, center stimulation with either a relatively sustained (A) or a more transient depolarizing response (B). OFF-center ganglion cells consisted of one type which responded with a characteristic hyperpolarization. The scotopic responses illustrated were elicited by using a stimulus 450 μm in diameter with an intensity of -5.0 log units that was superimposed on a dark background. Maximum irradiance was 0.21 W/m^2 at 0.0 log. The step trace below the data indicates the presence of the stimulus. See figure 1 on page 397 in the article by Muller and Dacheux.