

EFFECTS OF INFRARED THERAPY

PHOTONS ABSORBED IN CYTOCHROMES & PORPHYRINS WITHIN THE MITOCHONDRIA AND AT THE CELL MEMBRANE.---

--- (VISIBLE RED LIGHT ABSORBED WITHIN THE MITOCHONDRIA)--

----- (INFRA-RED LIGHT AT THE CELL MEMBRANE)



SINGLET OXYGEN PRODUCTION

(Rate Limiting Mechanisms operate to prevent excess singlet oxygen formation)



FORMATION OF PROTON GRADIENTS ACROSS CELL MEMBRANE AND ACROSS MEMBRANE OF MITOCHONDRIA



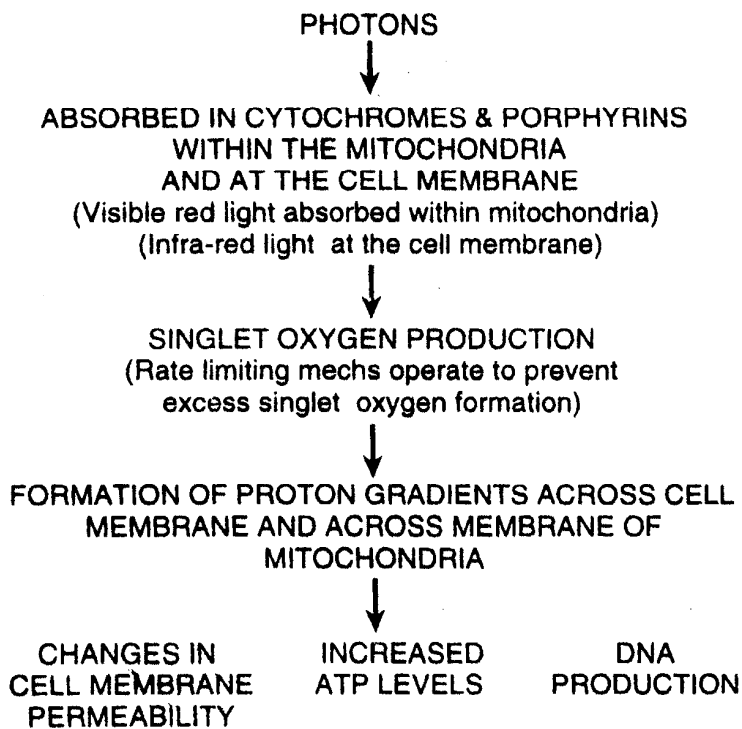
CHANGES IN CELL MEMBRANE PERMEABILITY



INCREASED ATP LEVELS



DNA PRODUCTION



PHYSIOLOGICAL CHANGES

