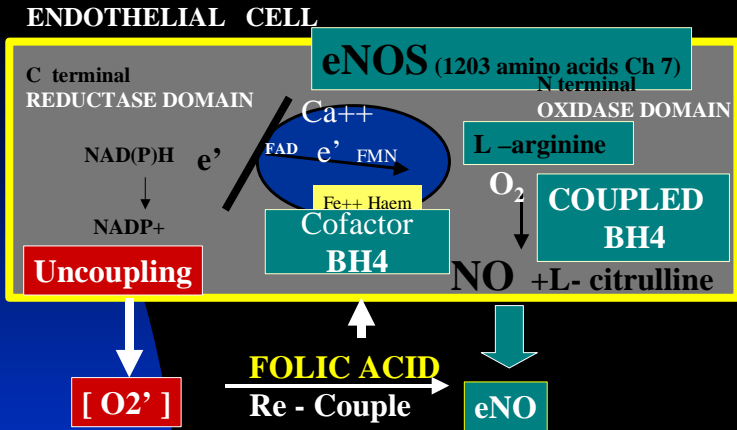


Diabetes a net producer of: [O2'] Due to an uncoupling of the eNOS enzyme



O₂ NAD(P)H

ADMA

(2) **eNOS** Gene Polymorphism or Uncoupling

(1) **L-arginine**

-----→ **NO** + L-citrulline + NADP⁺

(3) **BH4** Oxidative Stress BH₂, BH₃