
# Mecanismos de Lesão Celular

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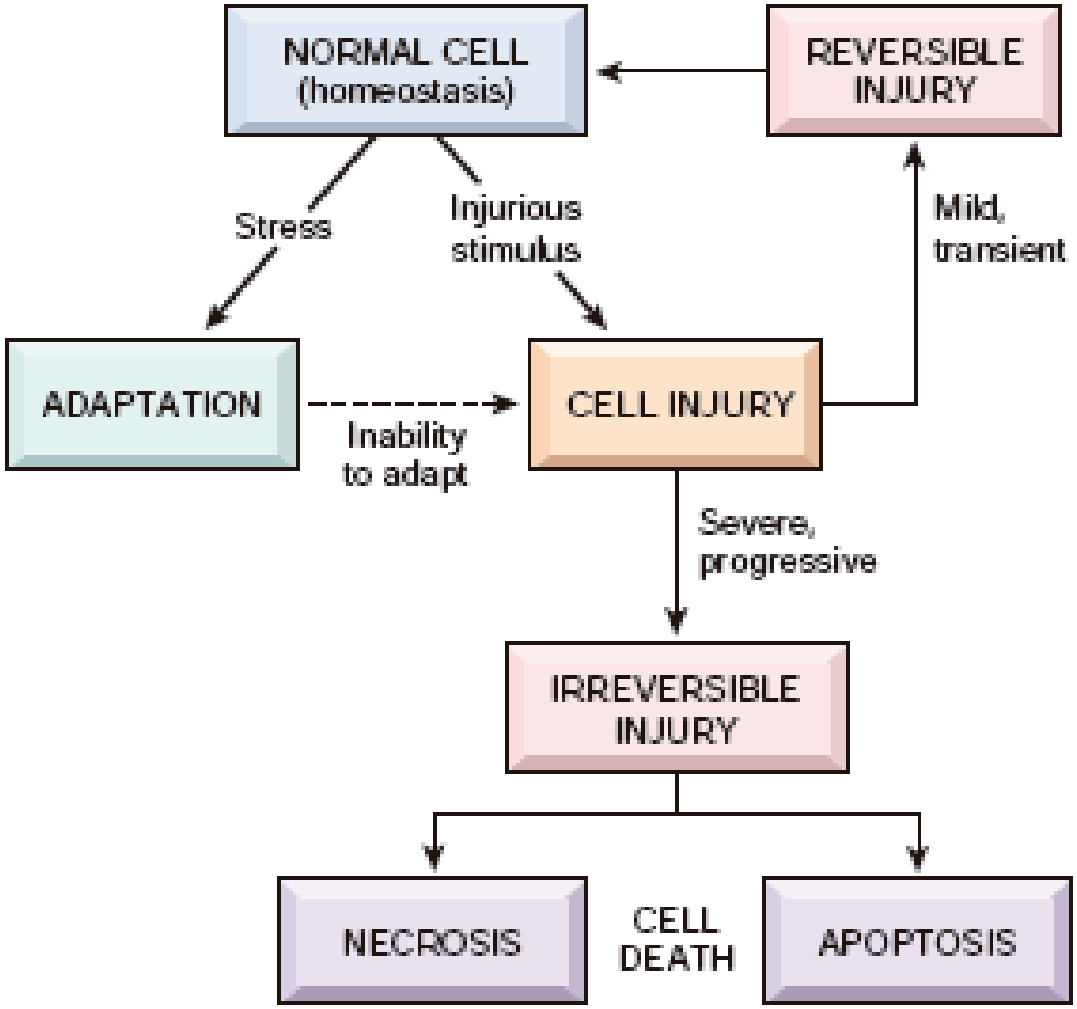
# Resposta celular ao estímulo / agressão

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# Lesão celular

**Adaptação**

- Hipertensão Arterial
- Doença de Alzheimer

**Lesão Reversível**

- Hipóxia
- Acidente Isquêmico Transitório

**Lesão Irreversível**

- Hepatite Aguda
- Infarto agudo do miocárdio

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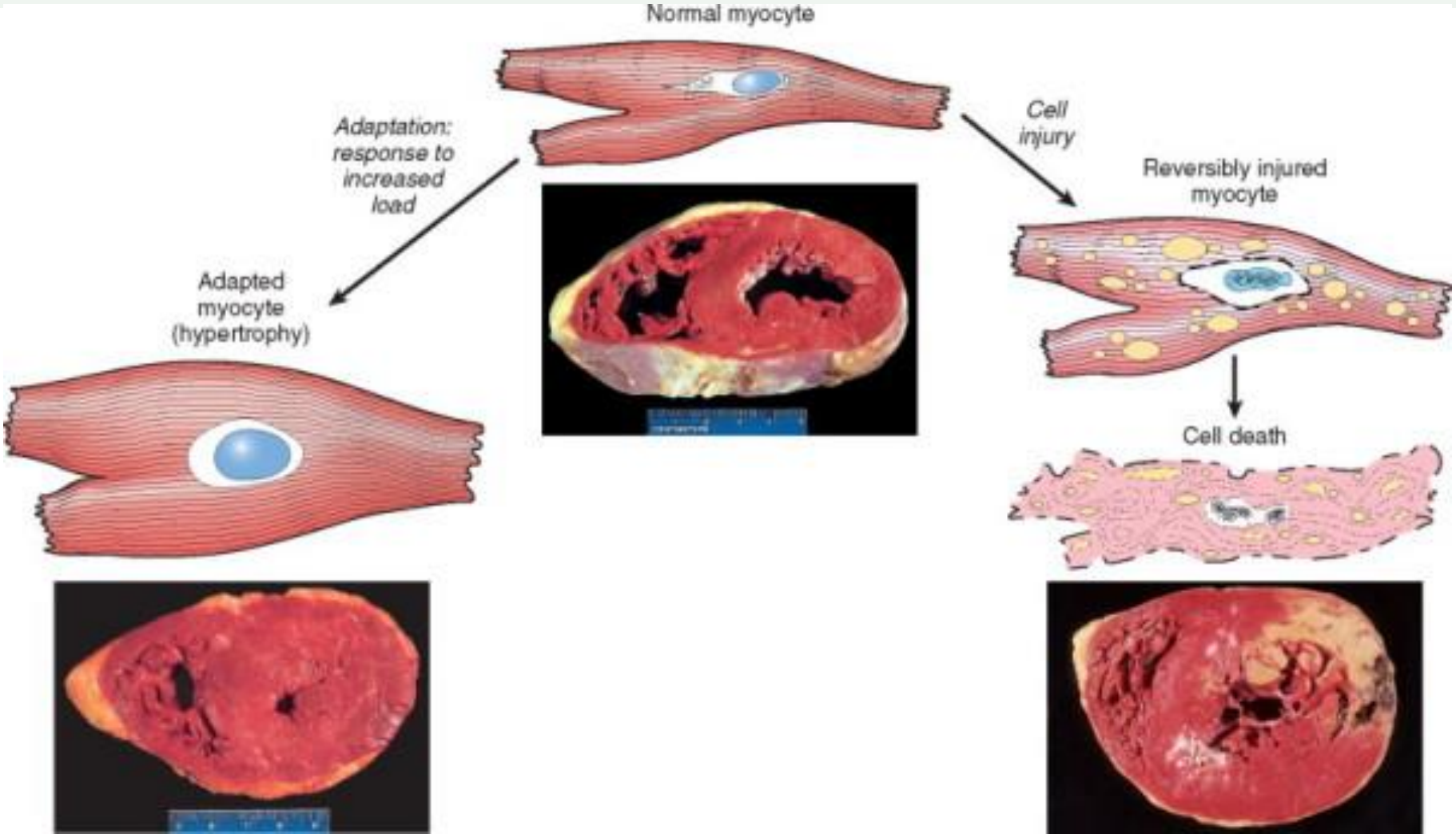


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# Causas de lesão celular

- Privação de Oxigênio
- Agentes físicos
- Agentes químicos e drogas
- Agentes Infecciosos
- Reações imunológicas
- Desarranjos genéticos
- Desbalanço nutricional

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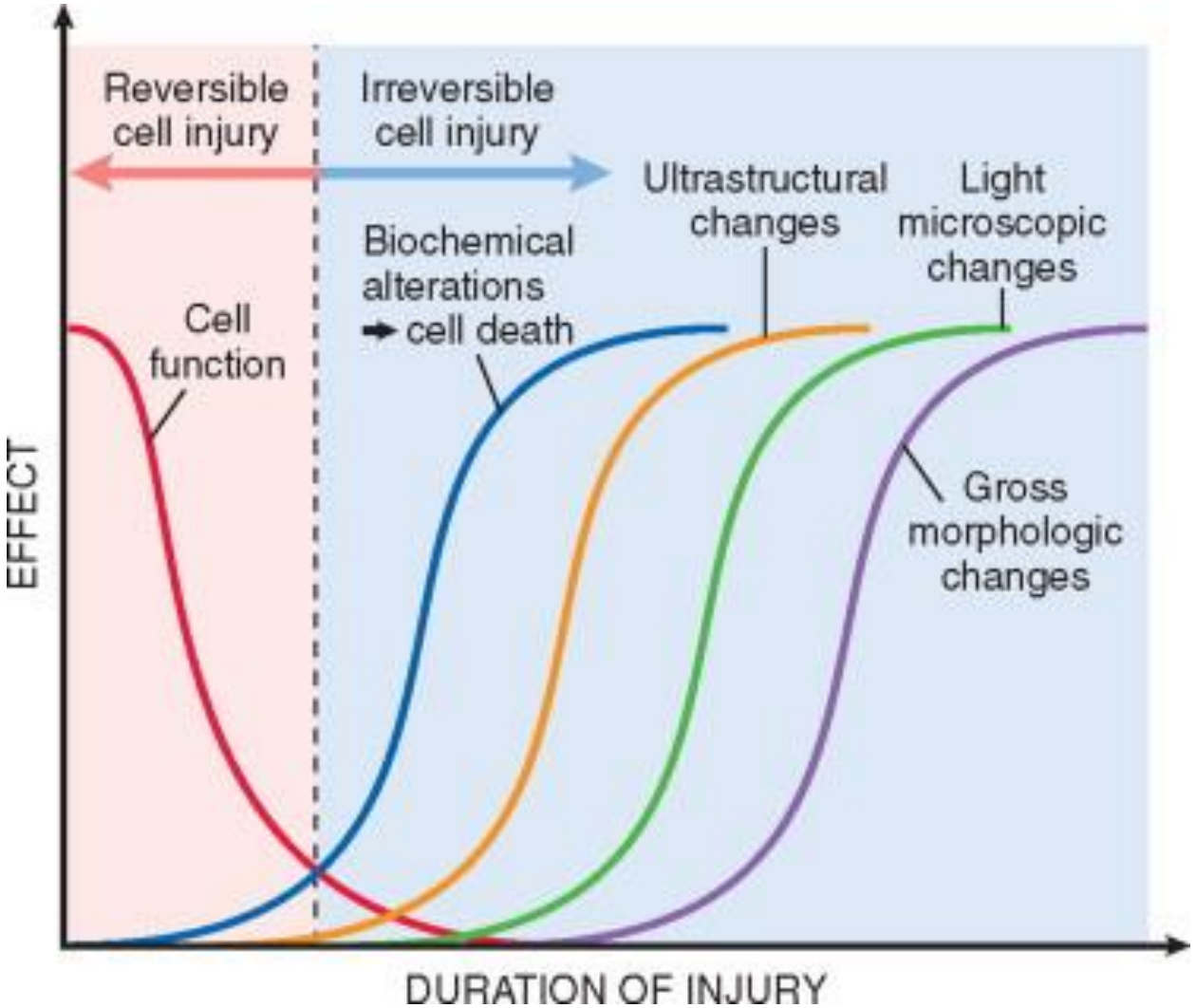


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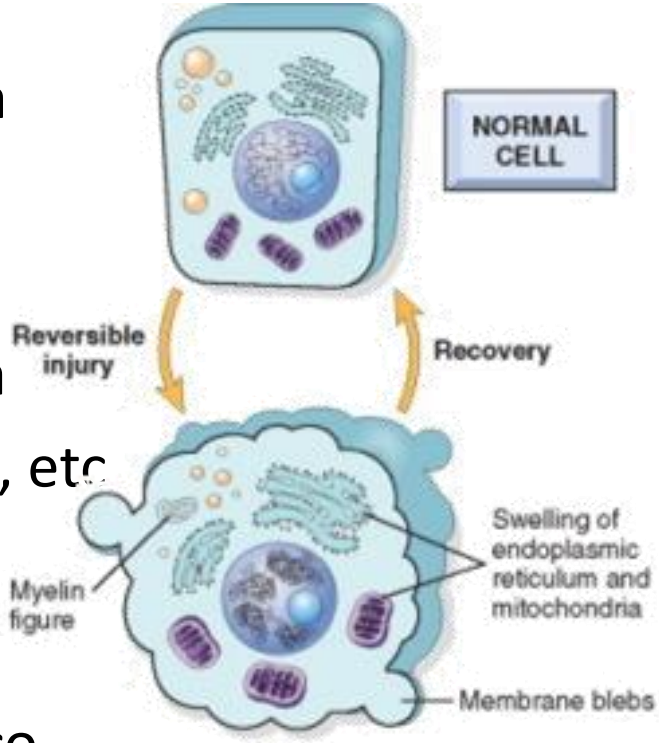
# Lesão celular reversível

- Microscópico
  - Edema celular e alteração gordurosa

- Ultraestrutural
  - Alterações de membrana plasmática
    - "blebs, perda de microvilosidade, etc
  - Alterações mitocondriais
    - Edema e corpos amorfos
  - Dilatação do Retículo Endoplasmático
    - Desligamento dos polissomos
  - Alterações nucleares
    - Desagregação de elementos fibrilares e granulares

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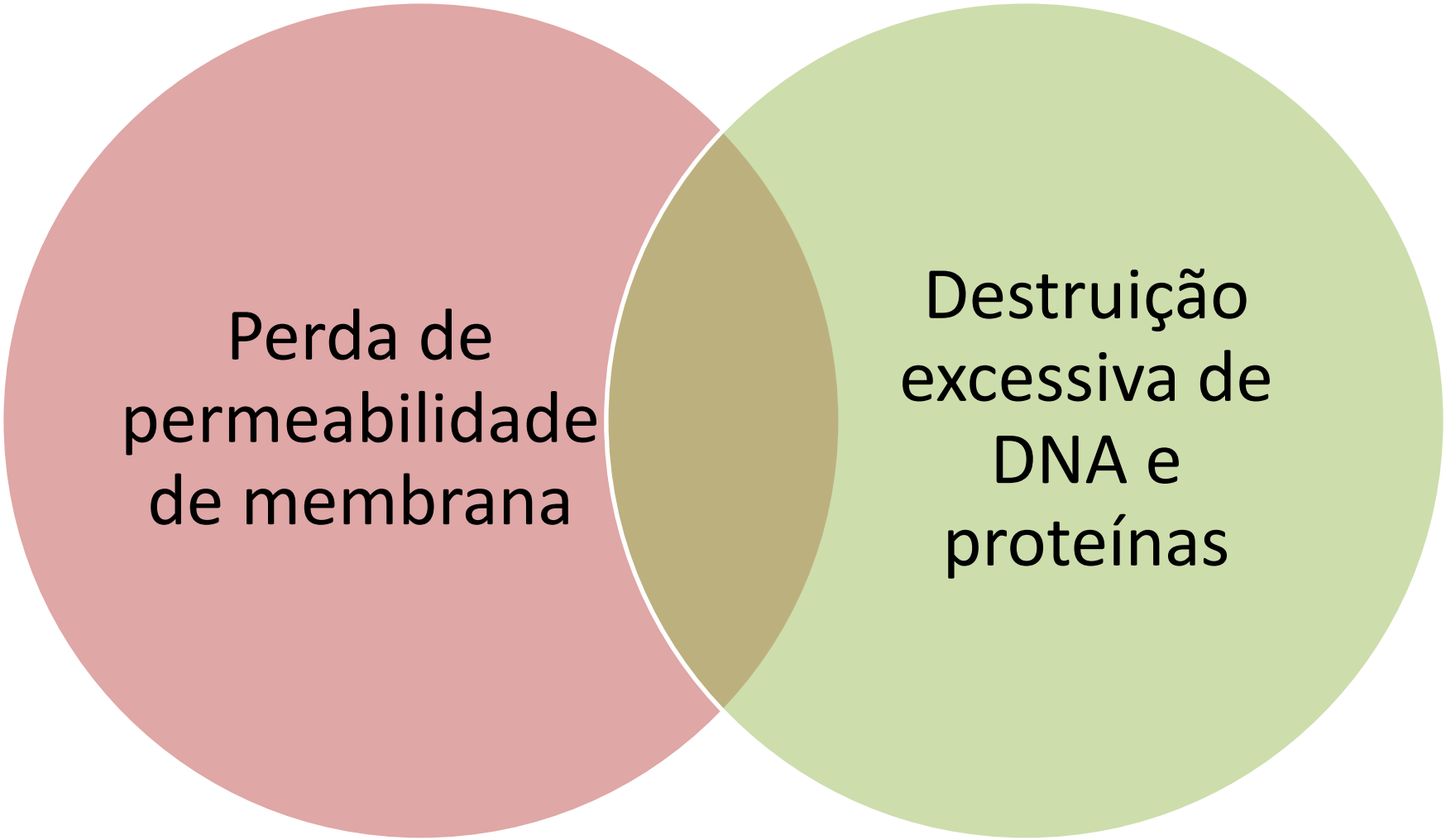
# Lesão celular – critérios de irreversibilidade

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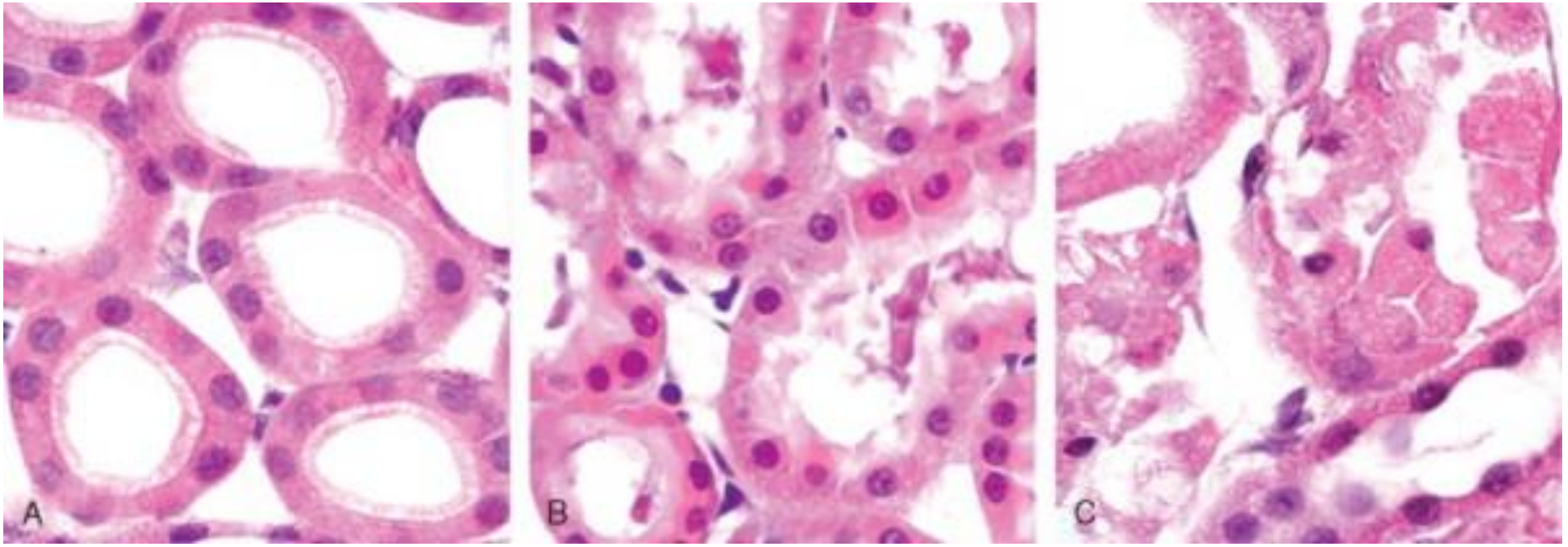


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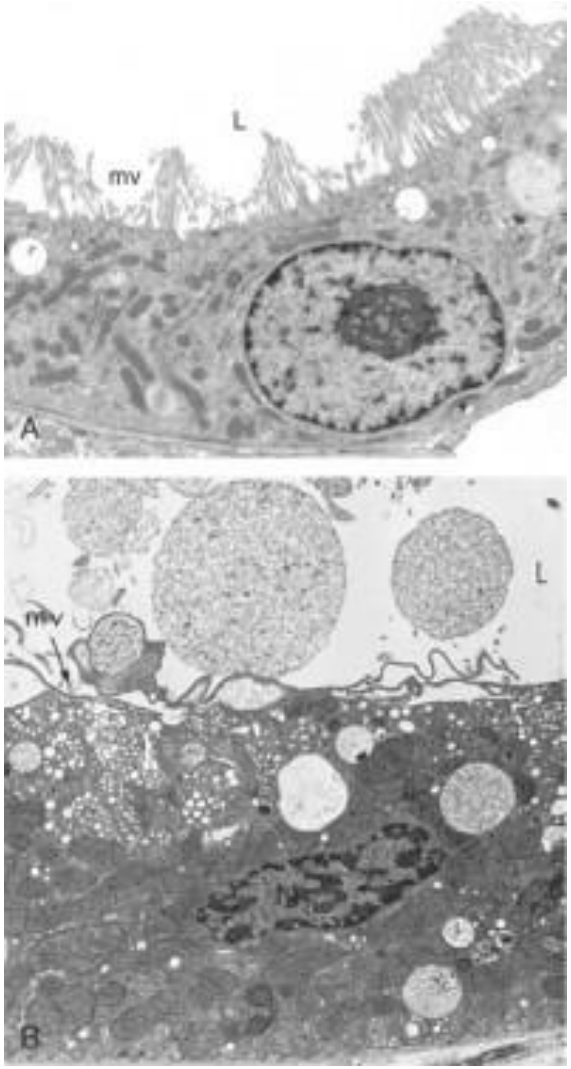


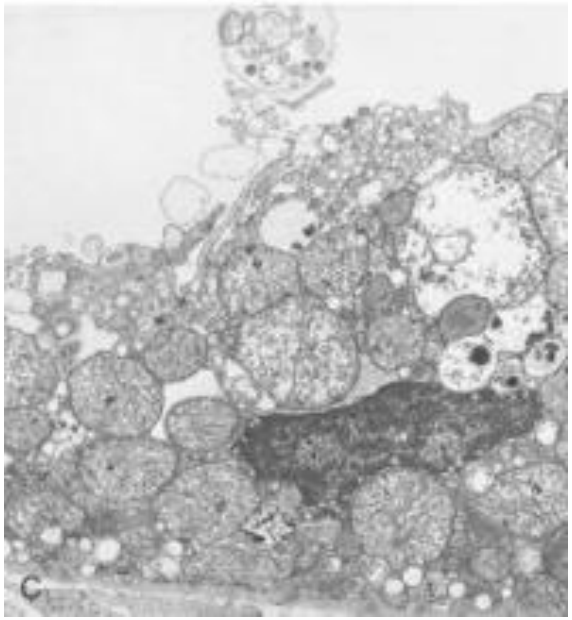


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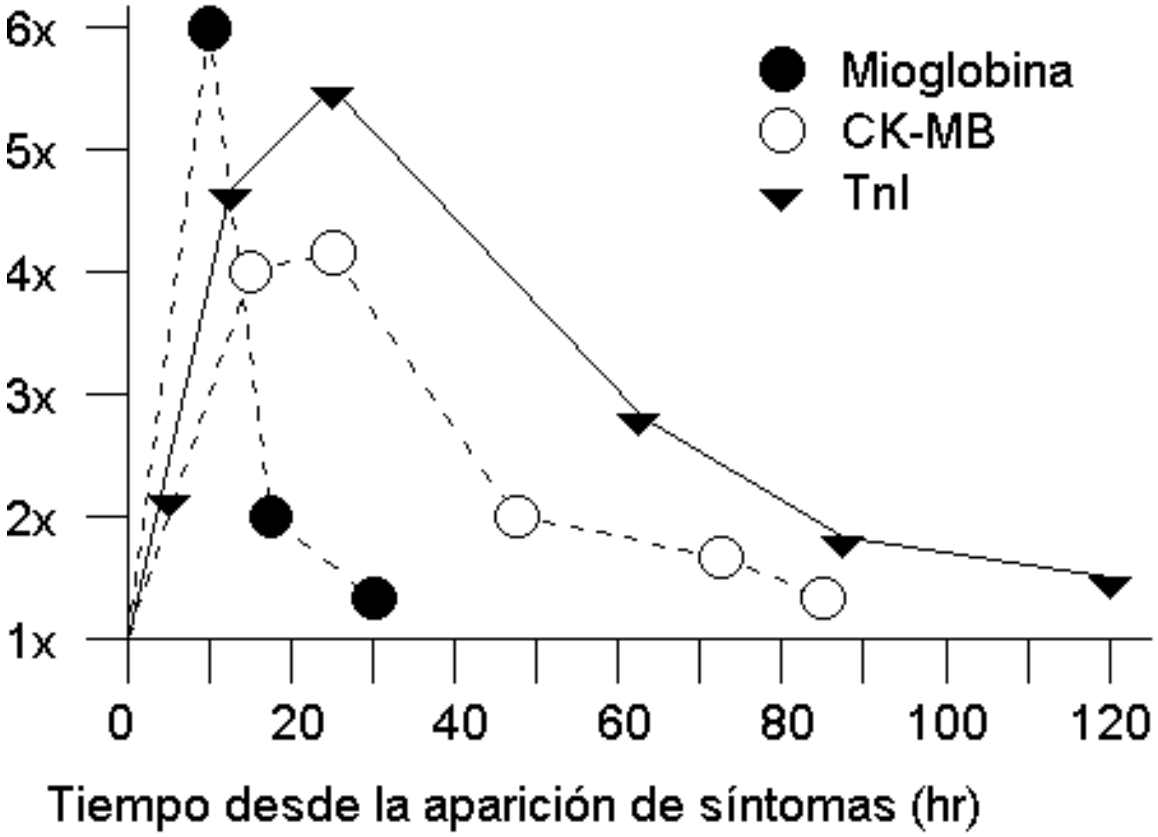
# Lesão Celular – Aplicação clínica




http://www.monografias.com/trabajos12/troponi/

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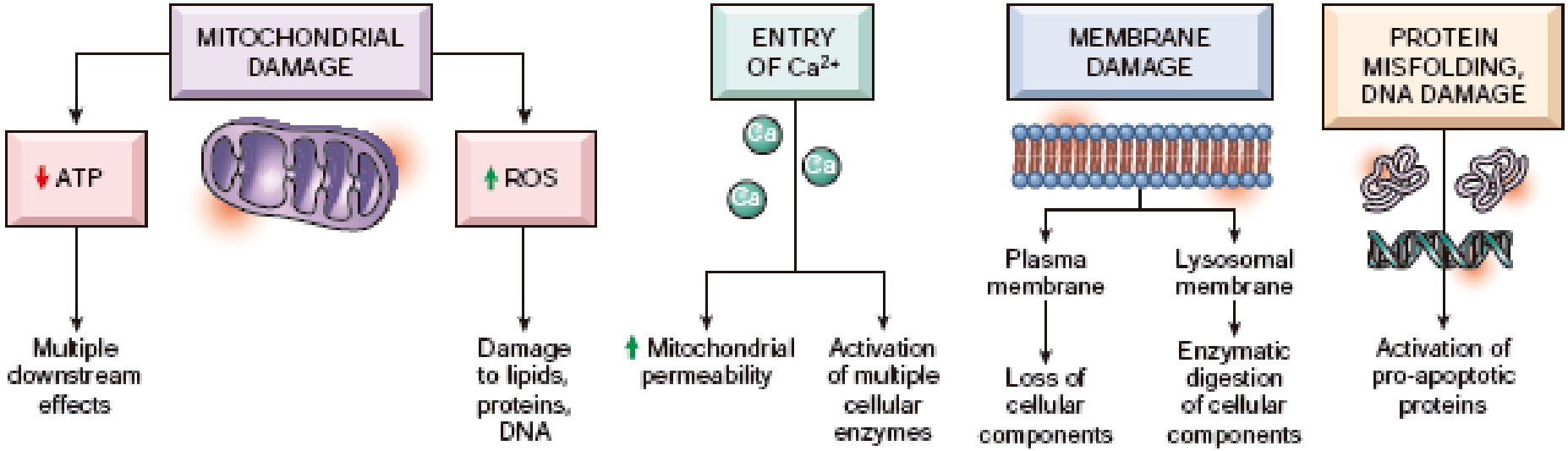
# Lesão Celular – Mecanismos

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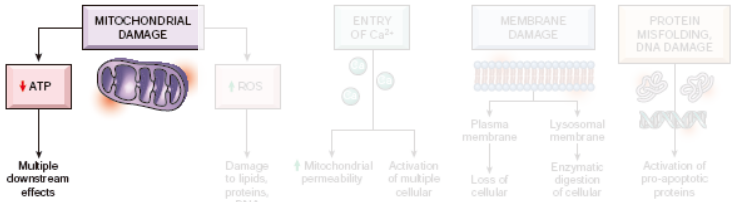


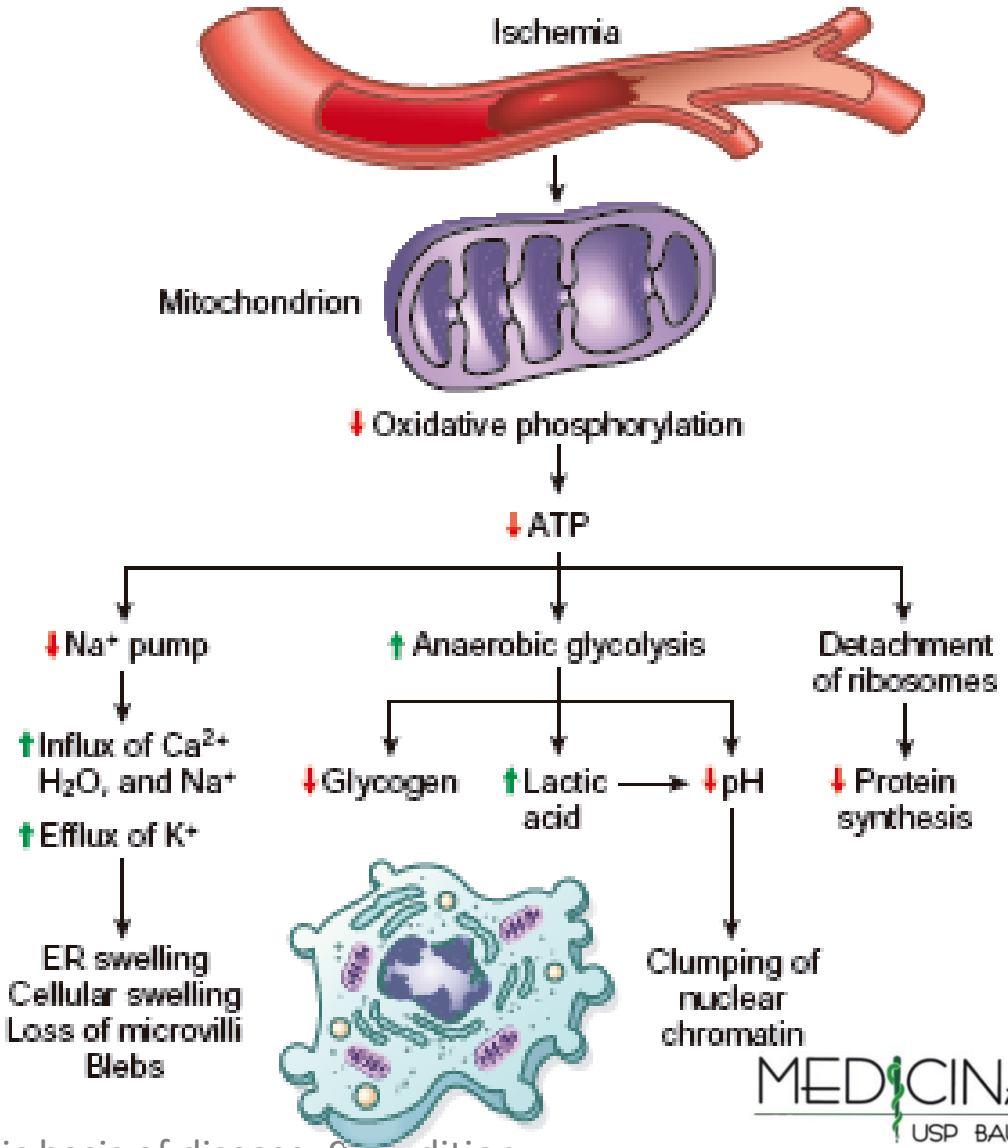


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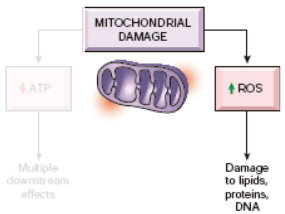


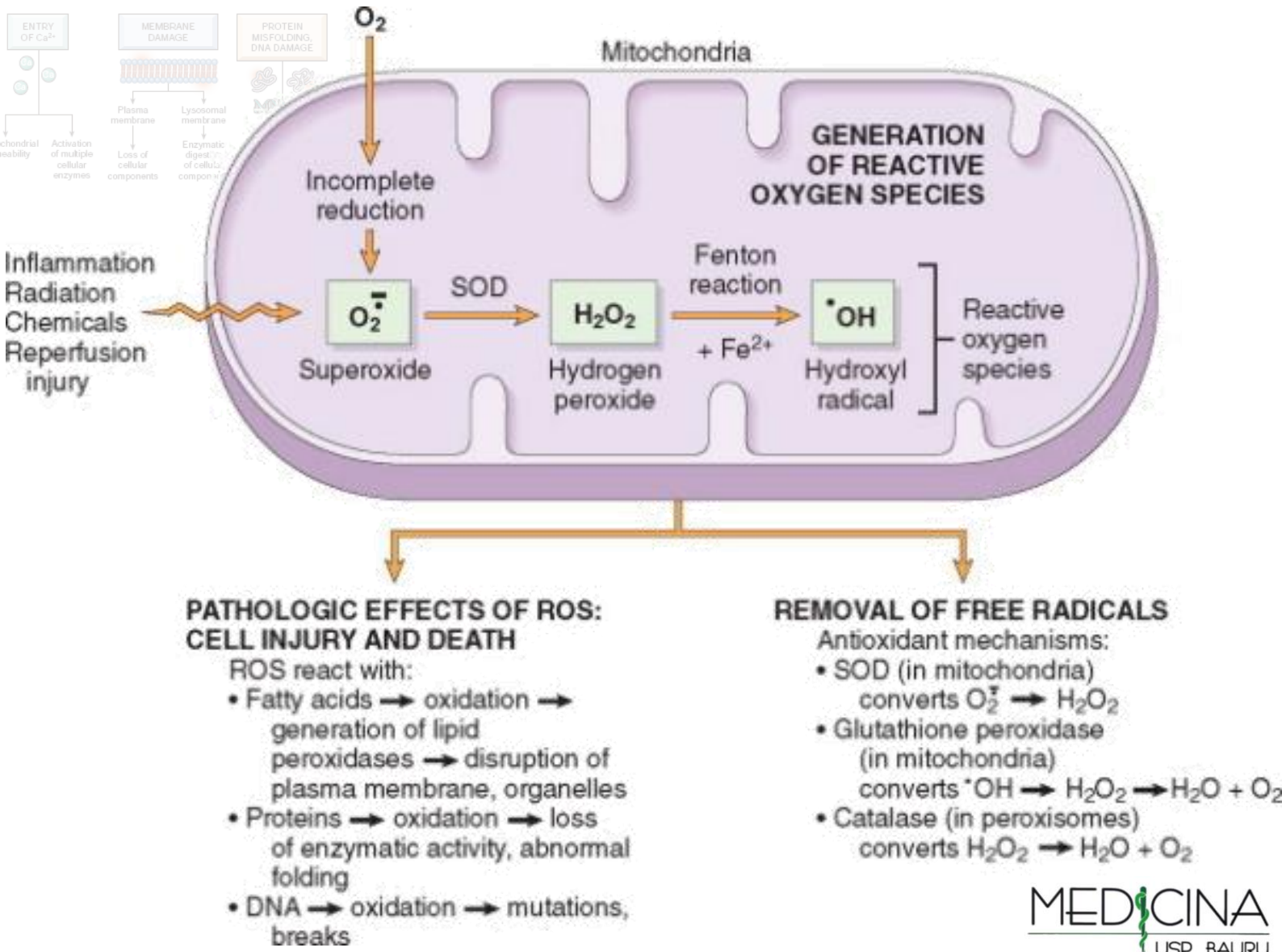


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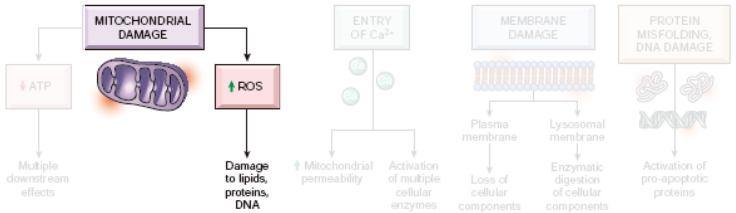


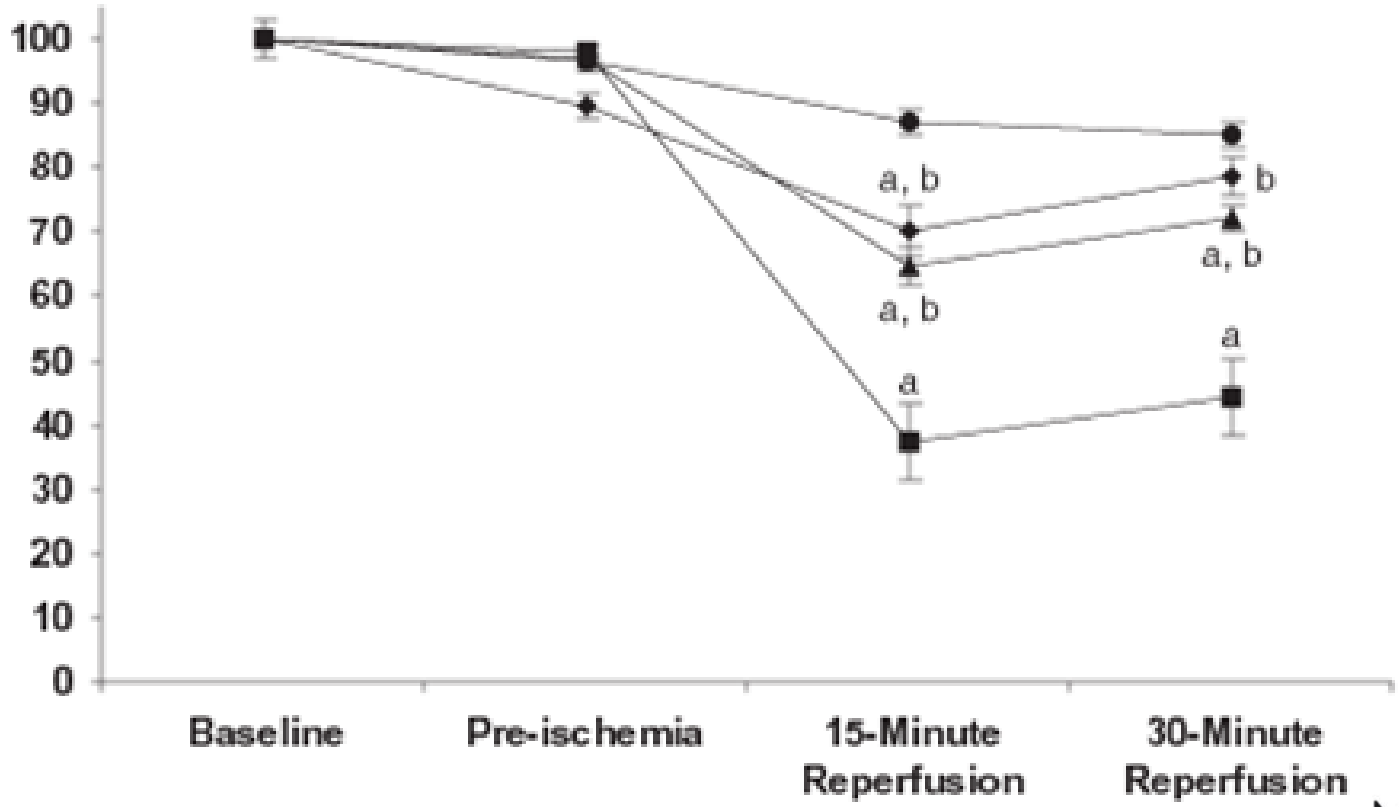


Jeremy D. Flynn, Pharm.D., Wendell S. Akers, Pharm.D., Ph.D. DisclosuresPharmacotherapy. 2003;23(11)

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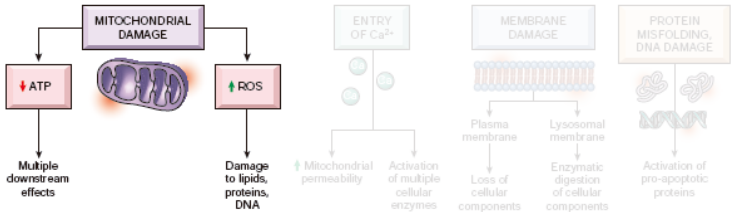


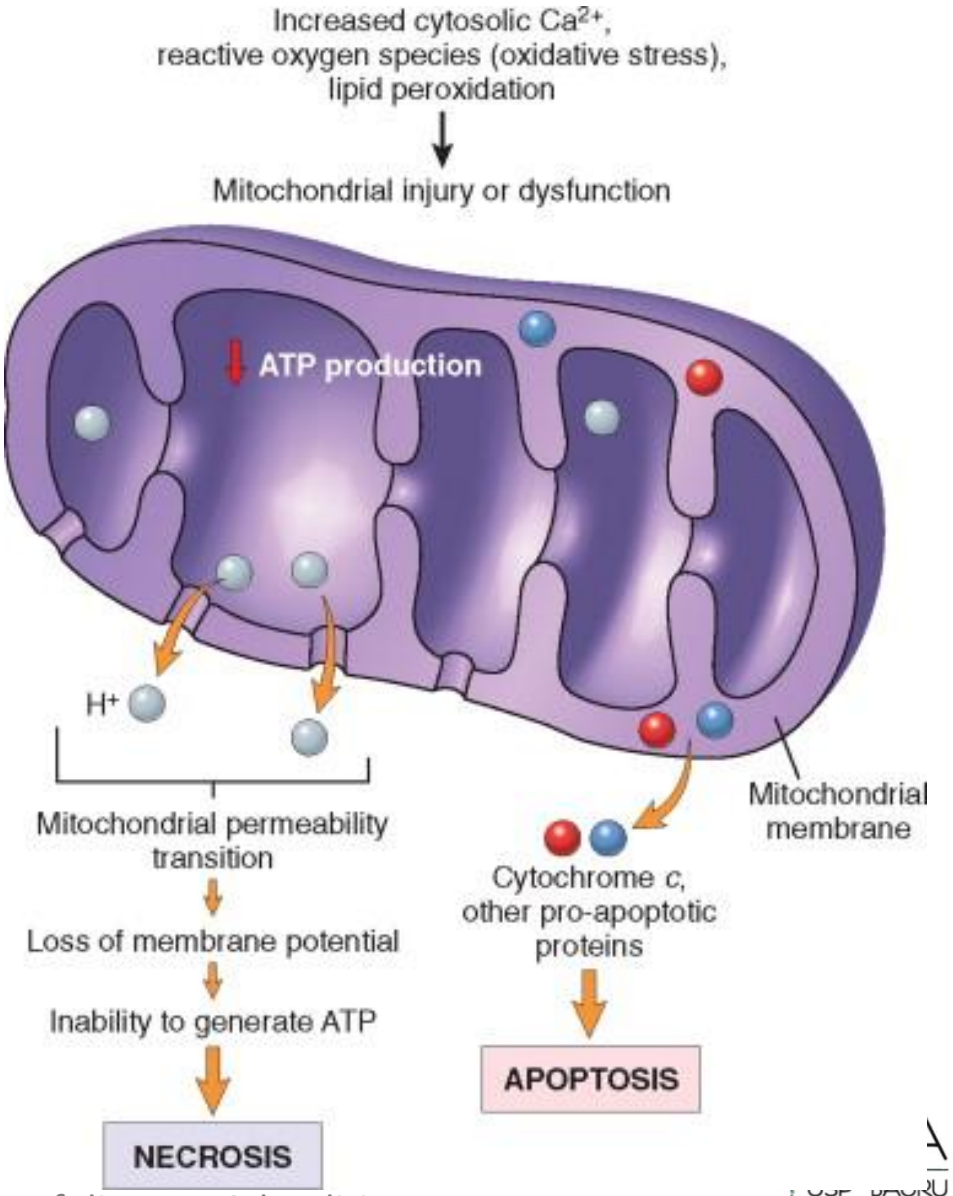


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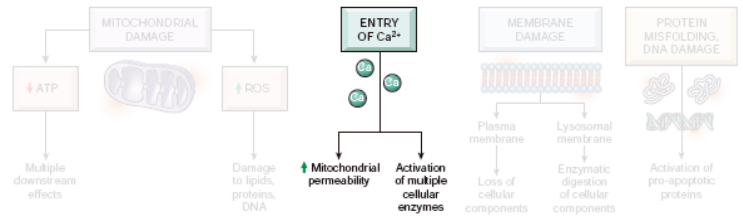


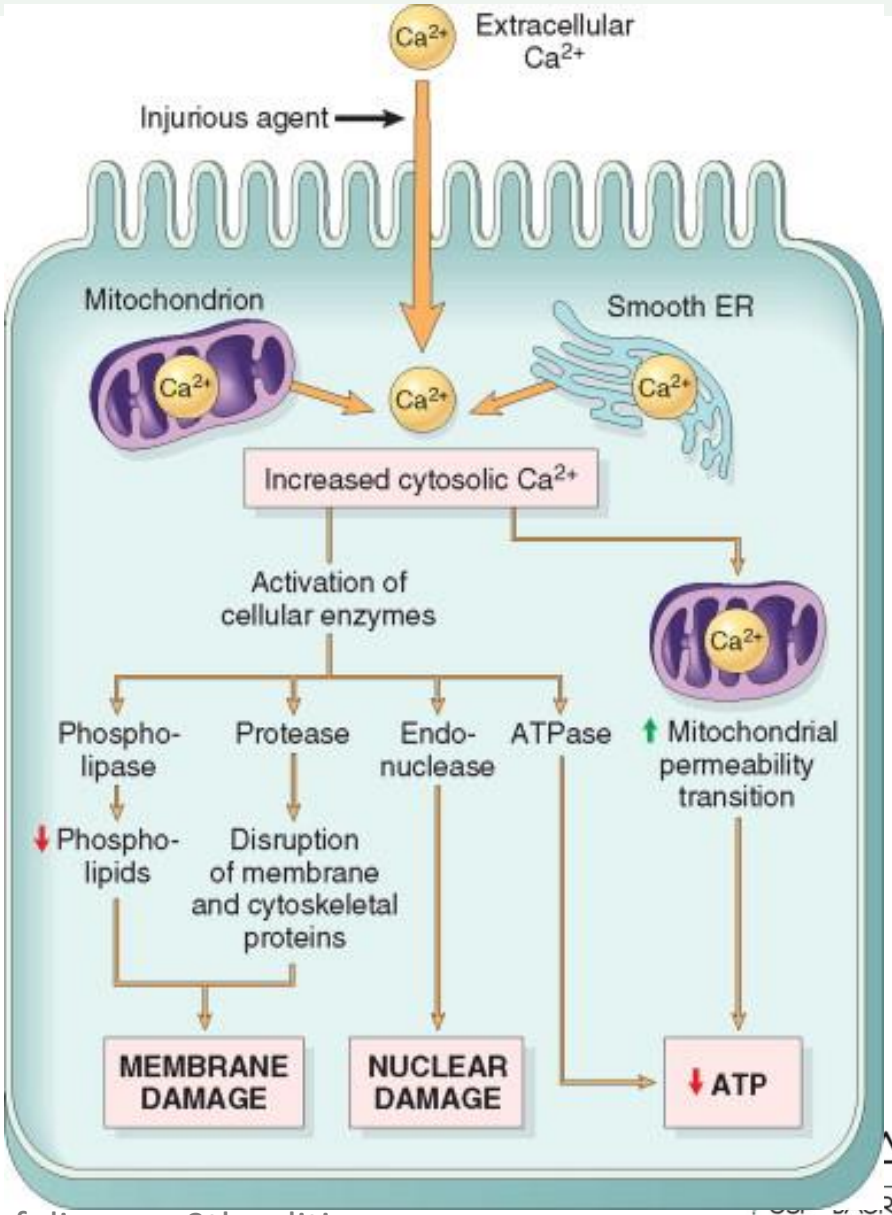


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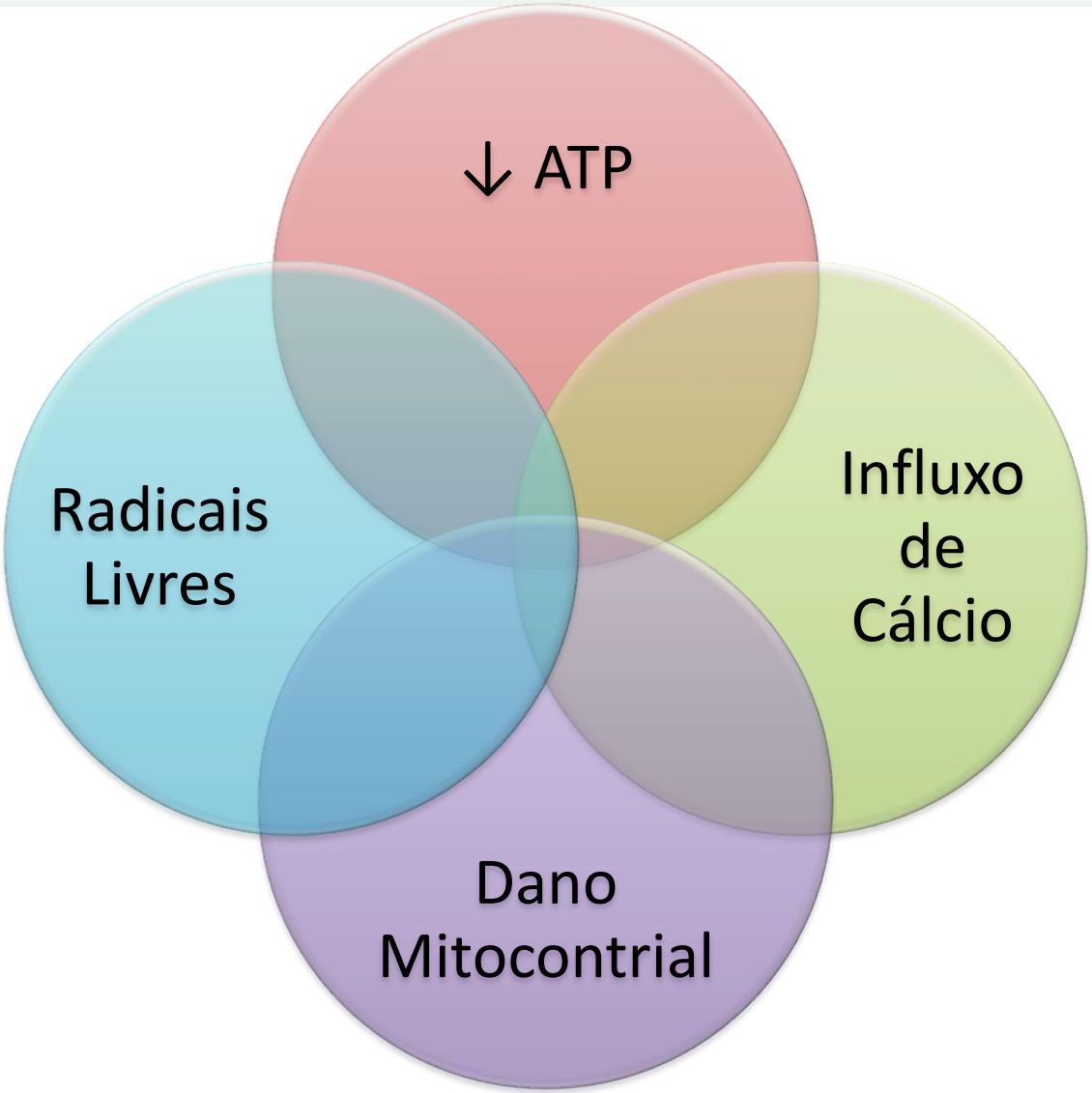


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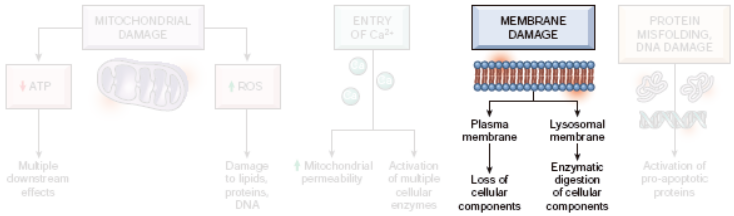


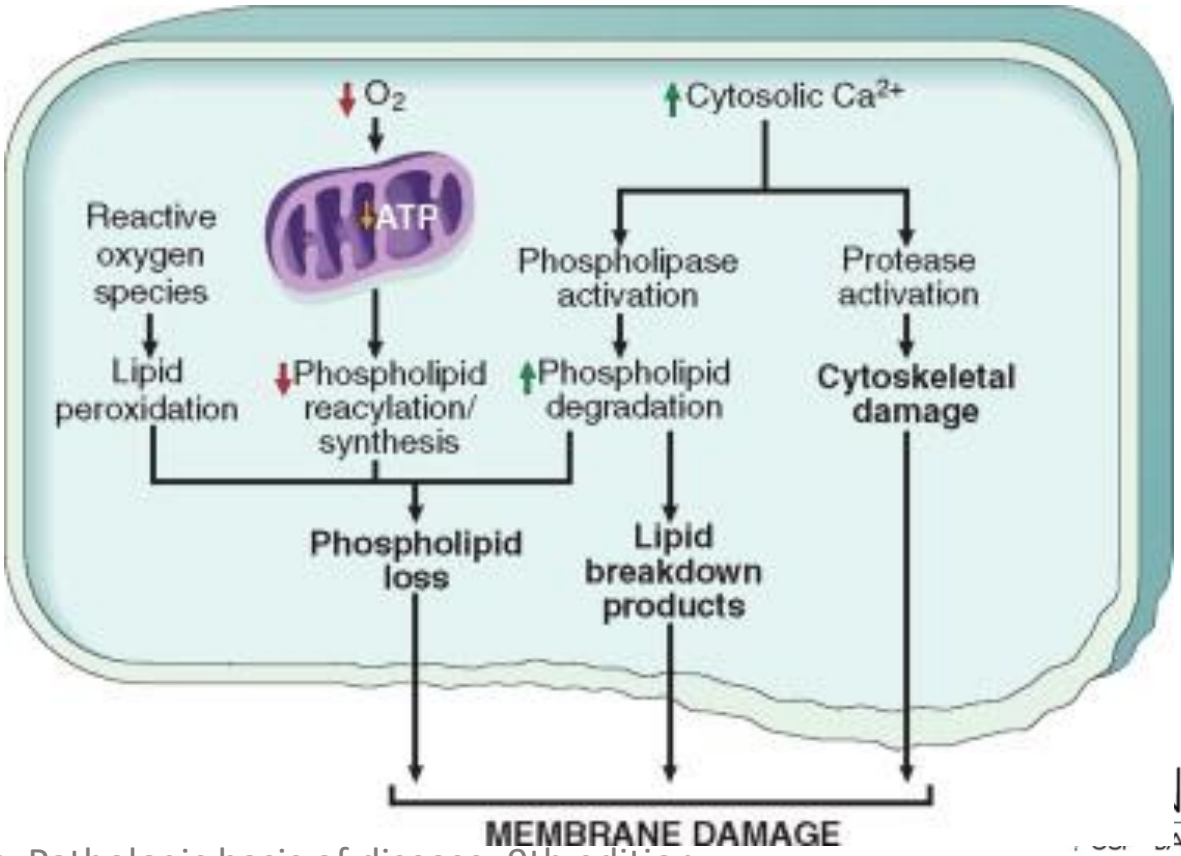


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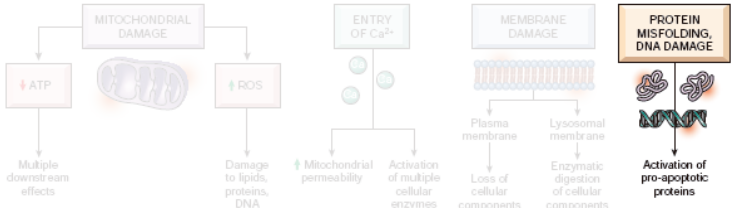


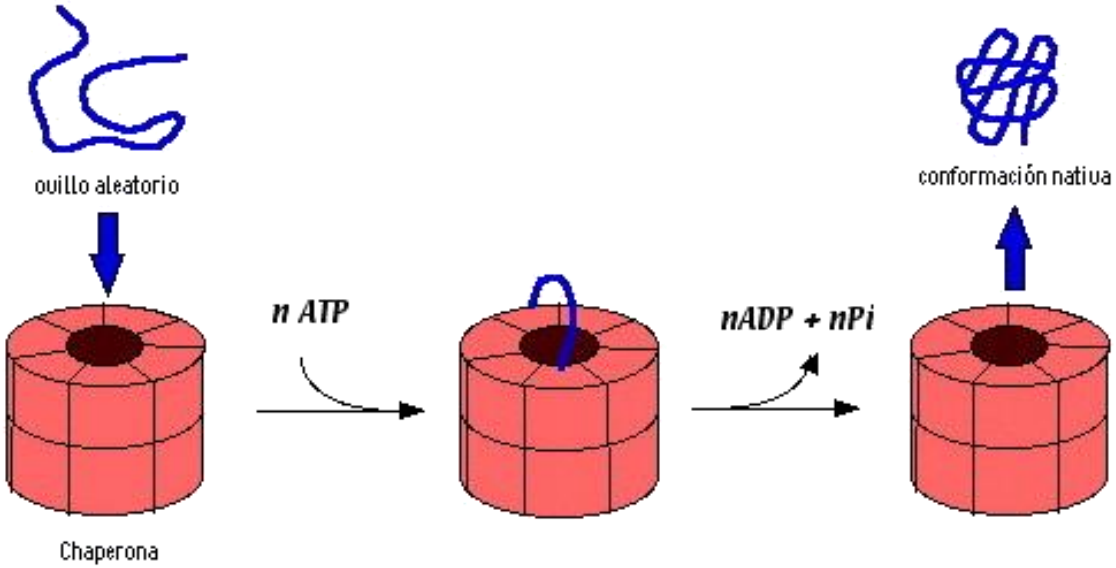


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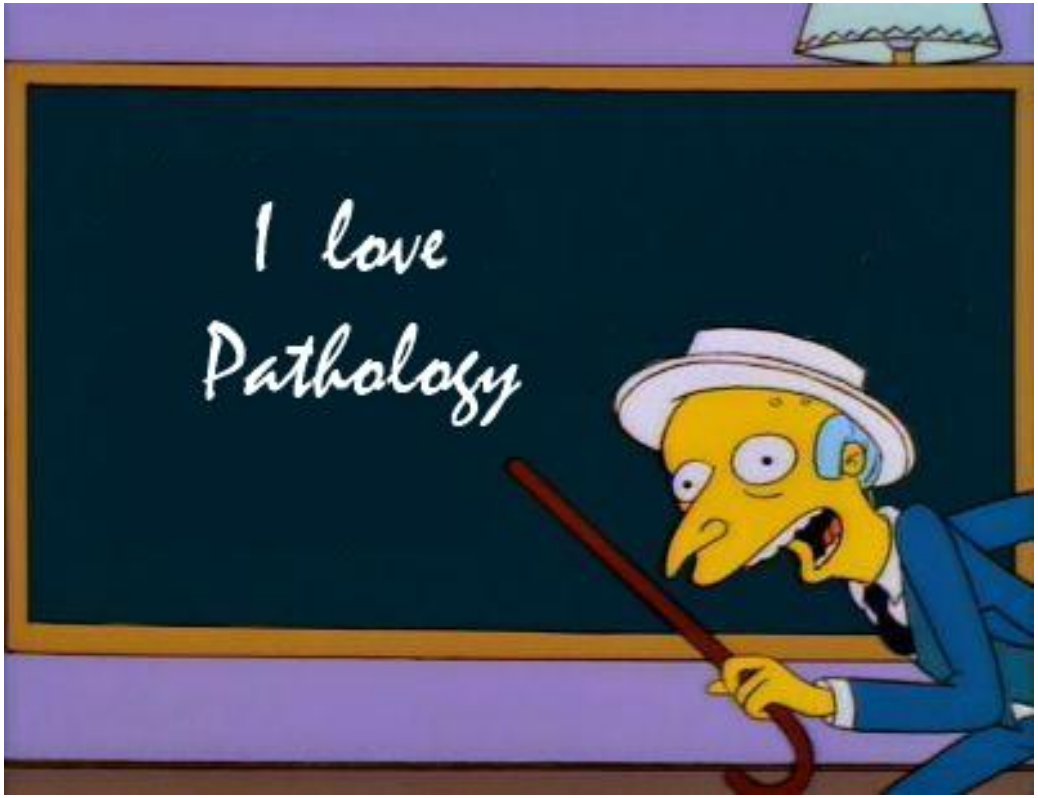


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