

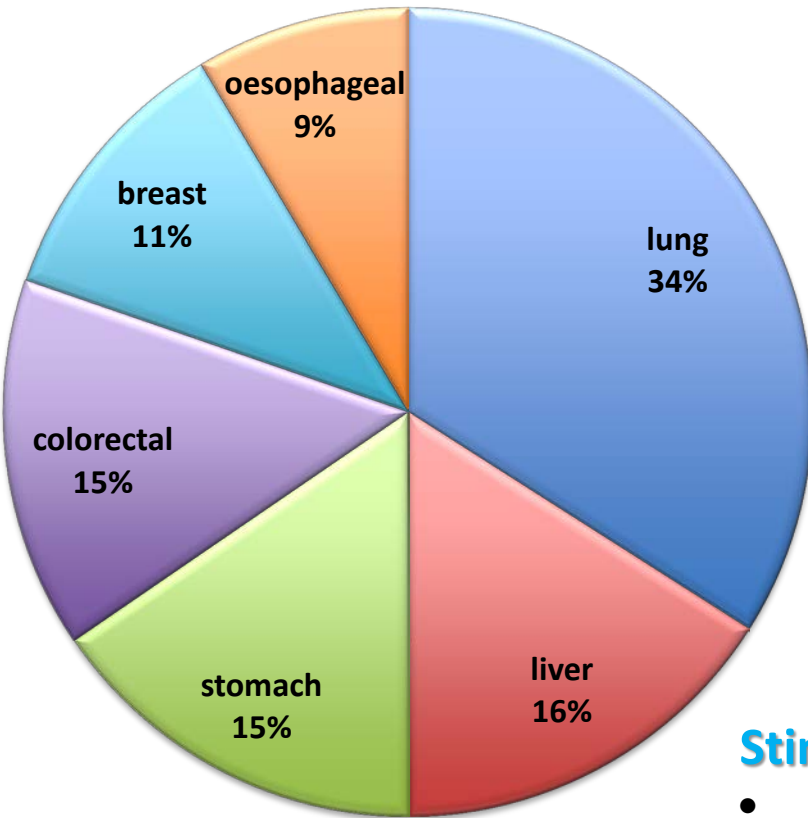


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BREAKING THE WALL OF (Smart Nanometer Sized Grenades for Killing Cancer Cells)

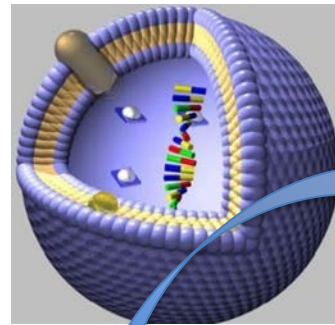
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most deadly cancers



❖ 12 million (2012)
❖ > 20 million (2030)

8 M; death
6 M; side effect

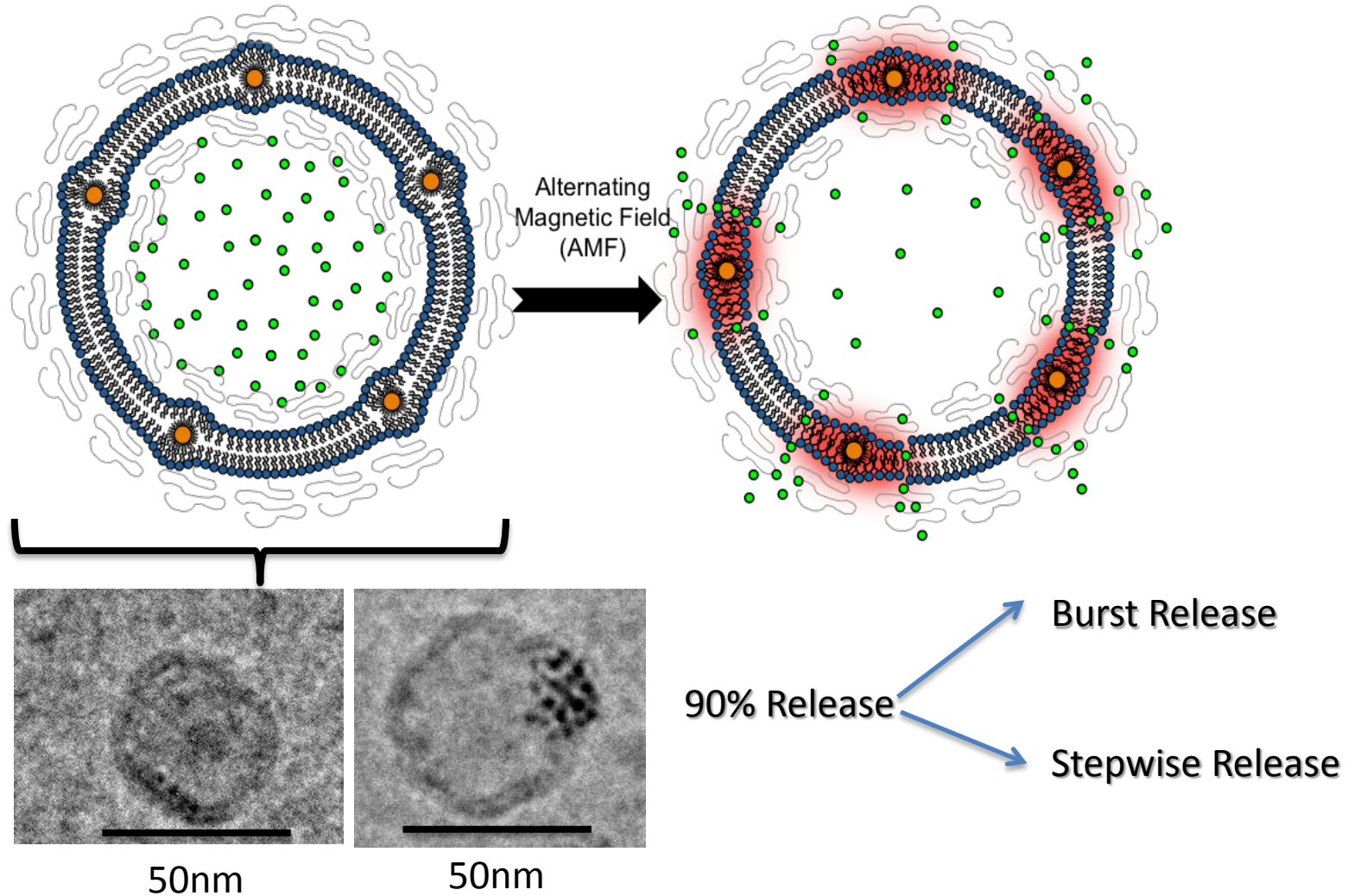


- Hair loss
- Nausea
- Vomiting
- Fatigue
- Suppression of immune system
- Anemia

Stimulus for liposomal delivery systems:

- pH → leaky Liposomes
- Temperature → leaky Liposomes
- Light, Ultrasound → not suitable for deep tissues
- **Magnetic field** → **perfect** 😊

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Smart Nanometer Sized Grenades