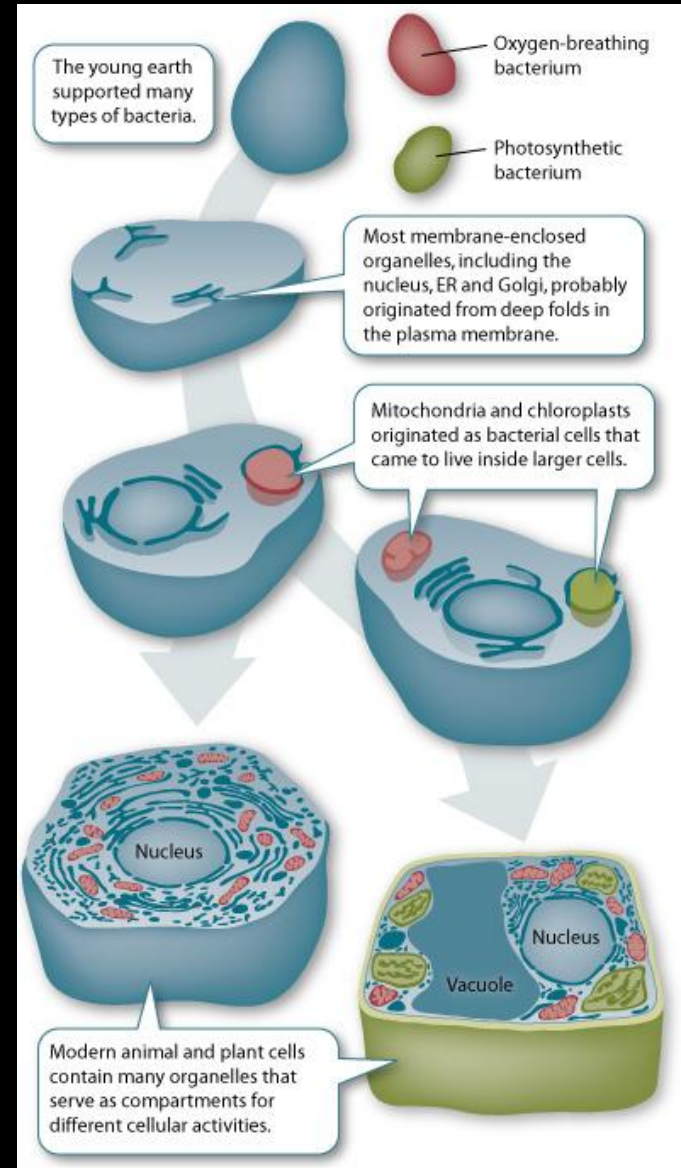
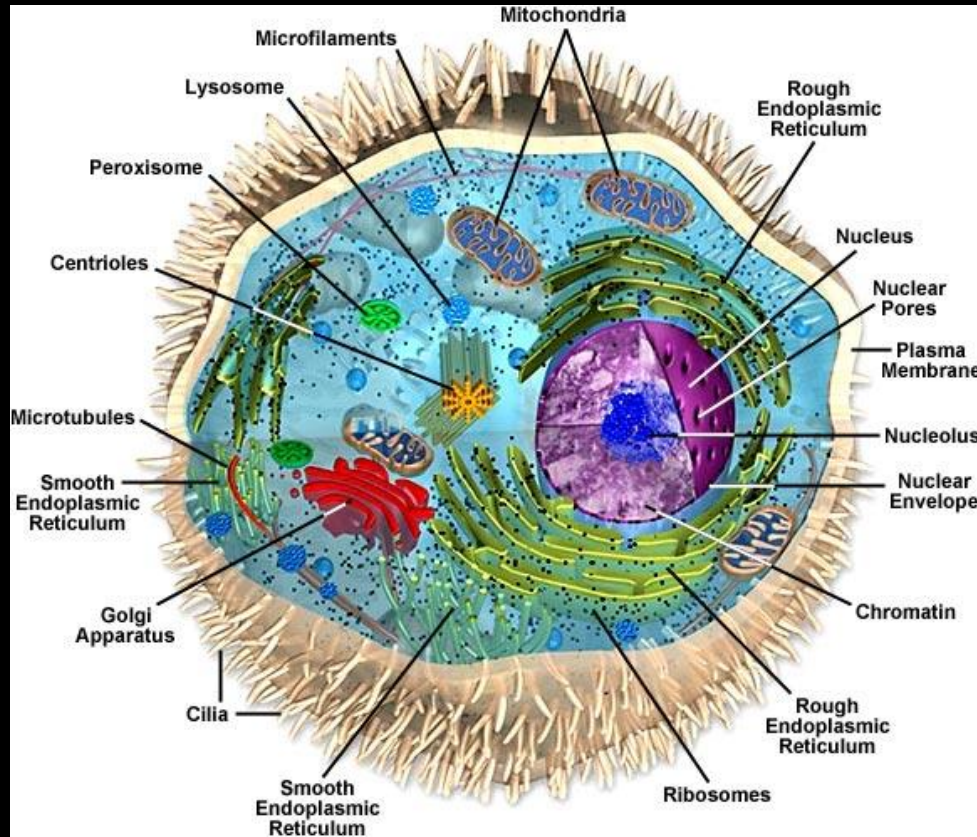


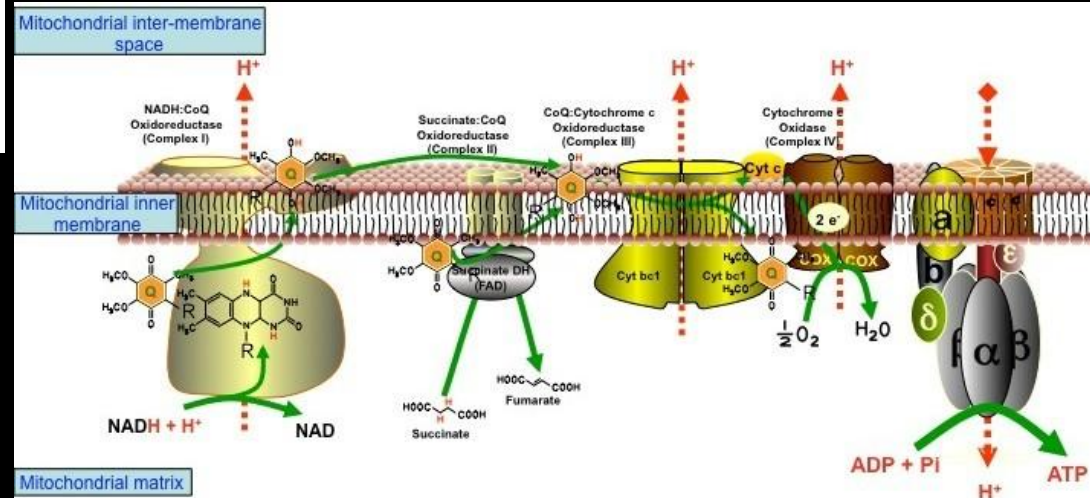
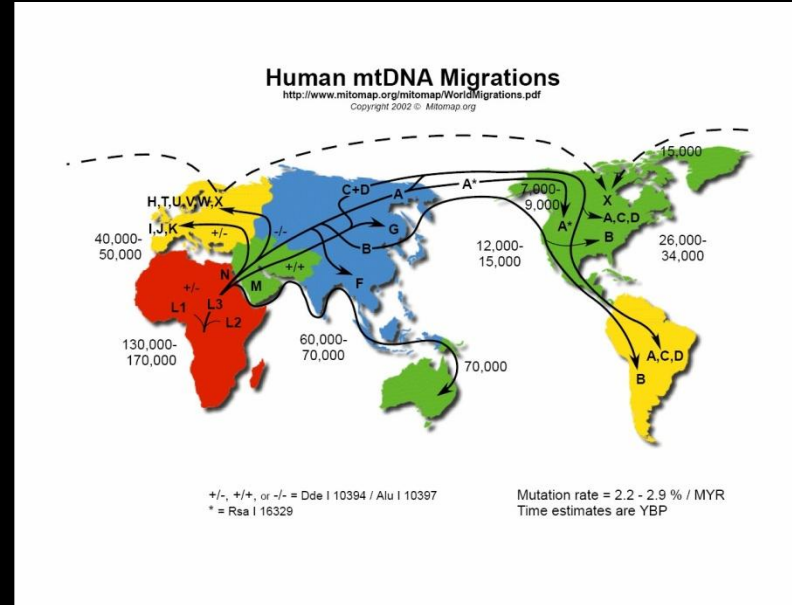
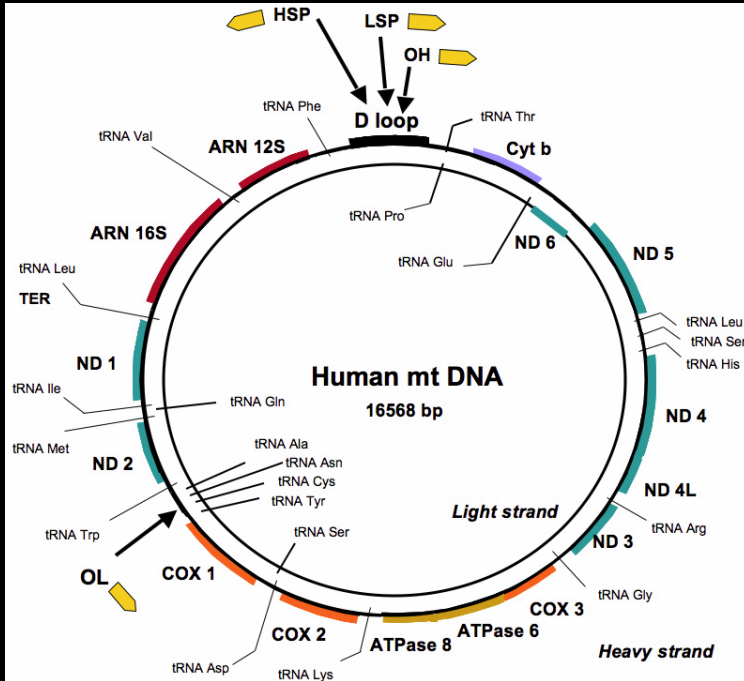
Mitochondriální DNA ve zdraví a nemoci

Laboratoř biofyziky membránového
transportu FgU AV ČR

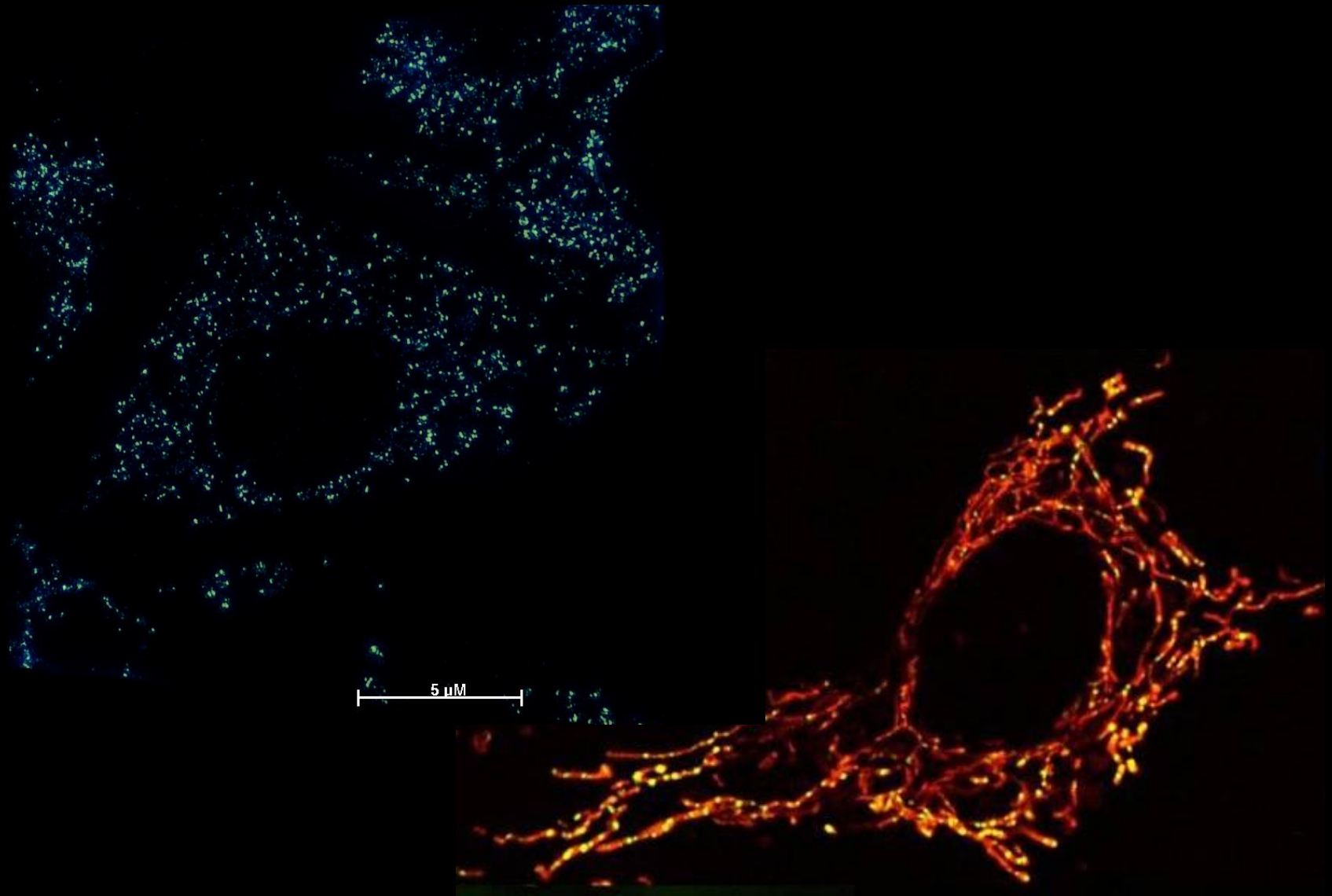
Mitochondrie



Mitochondriální DNA



Mitochondriální nukleoidy



Význam mtDNA

Stárnutí, diabetes, nádorové bujení a
neurodegenerativní choroby

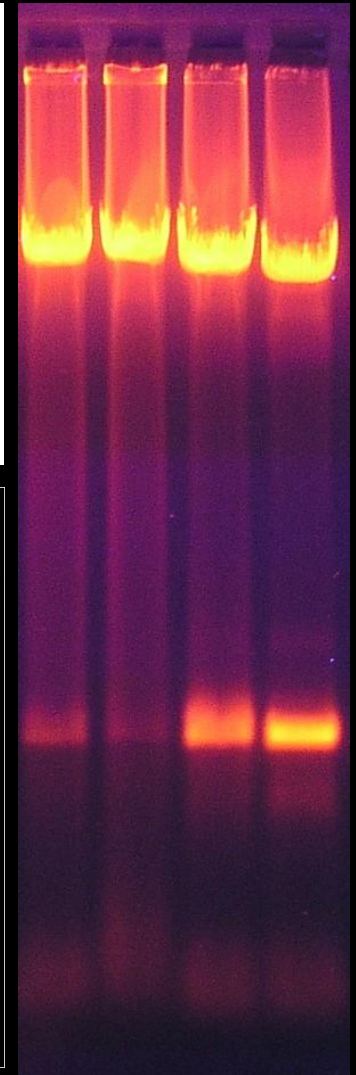
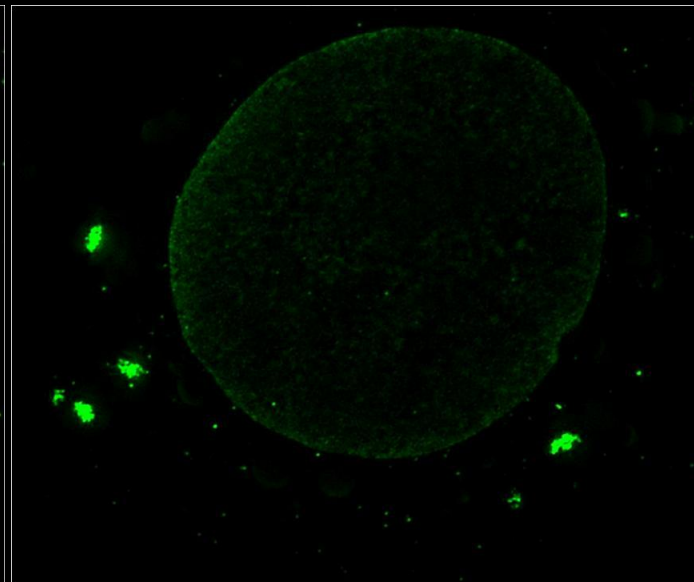
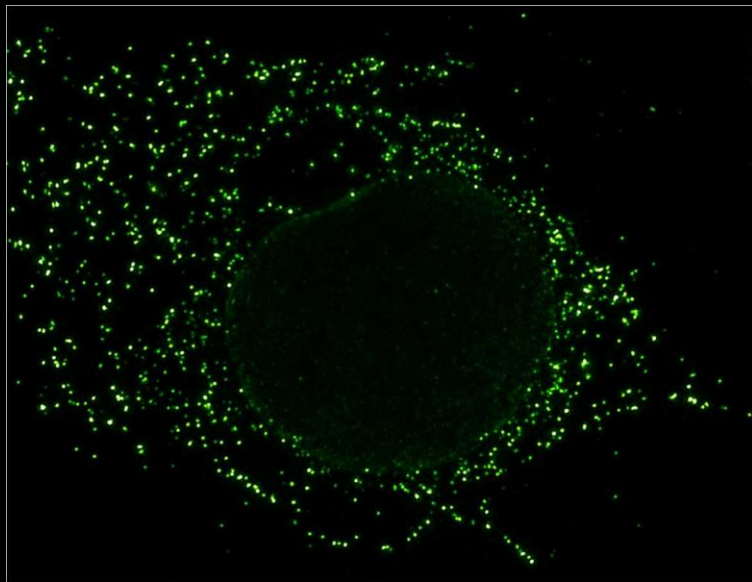
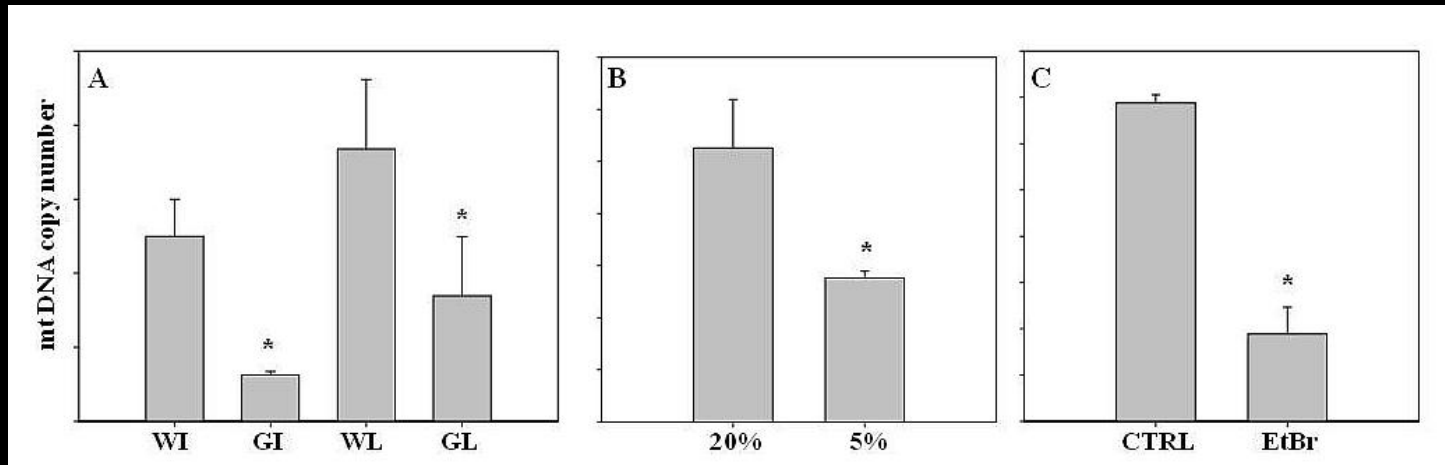
=

Změny v kvalitě i kvantitě mtDNA!!!

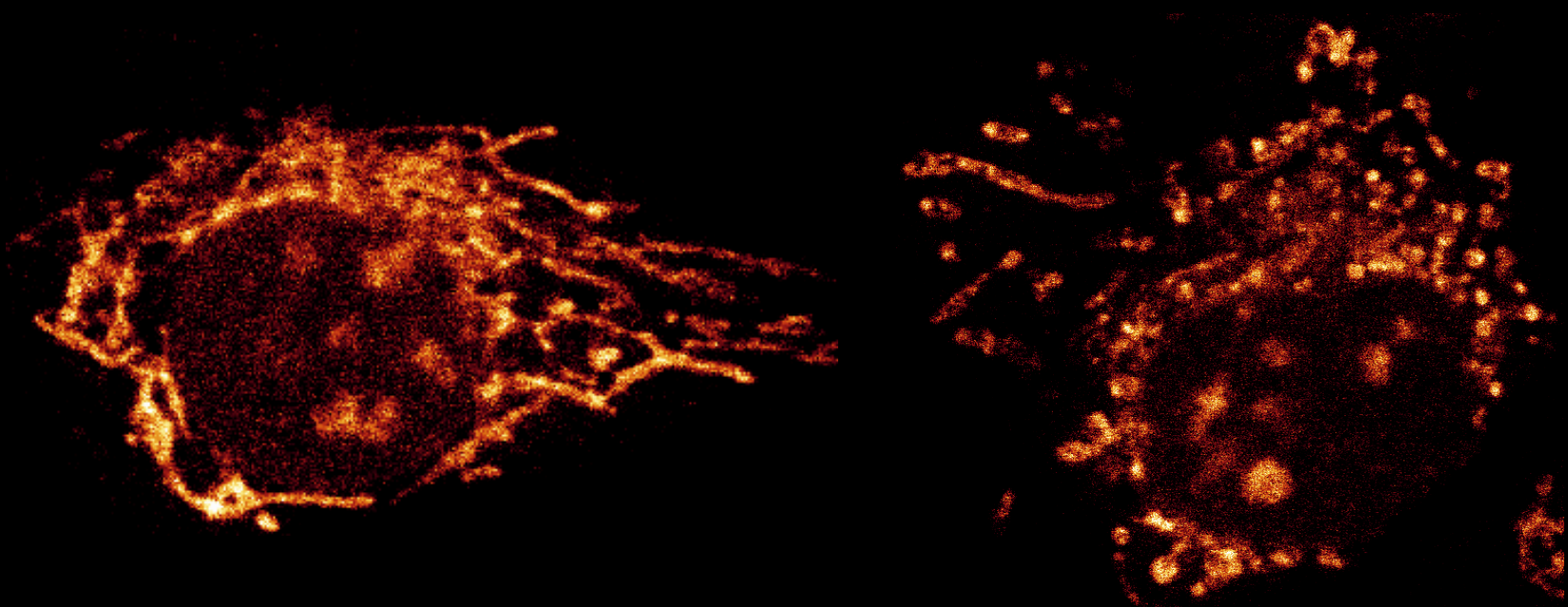
?

Příčina nebo následek?

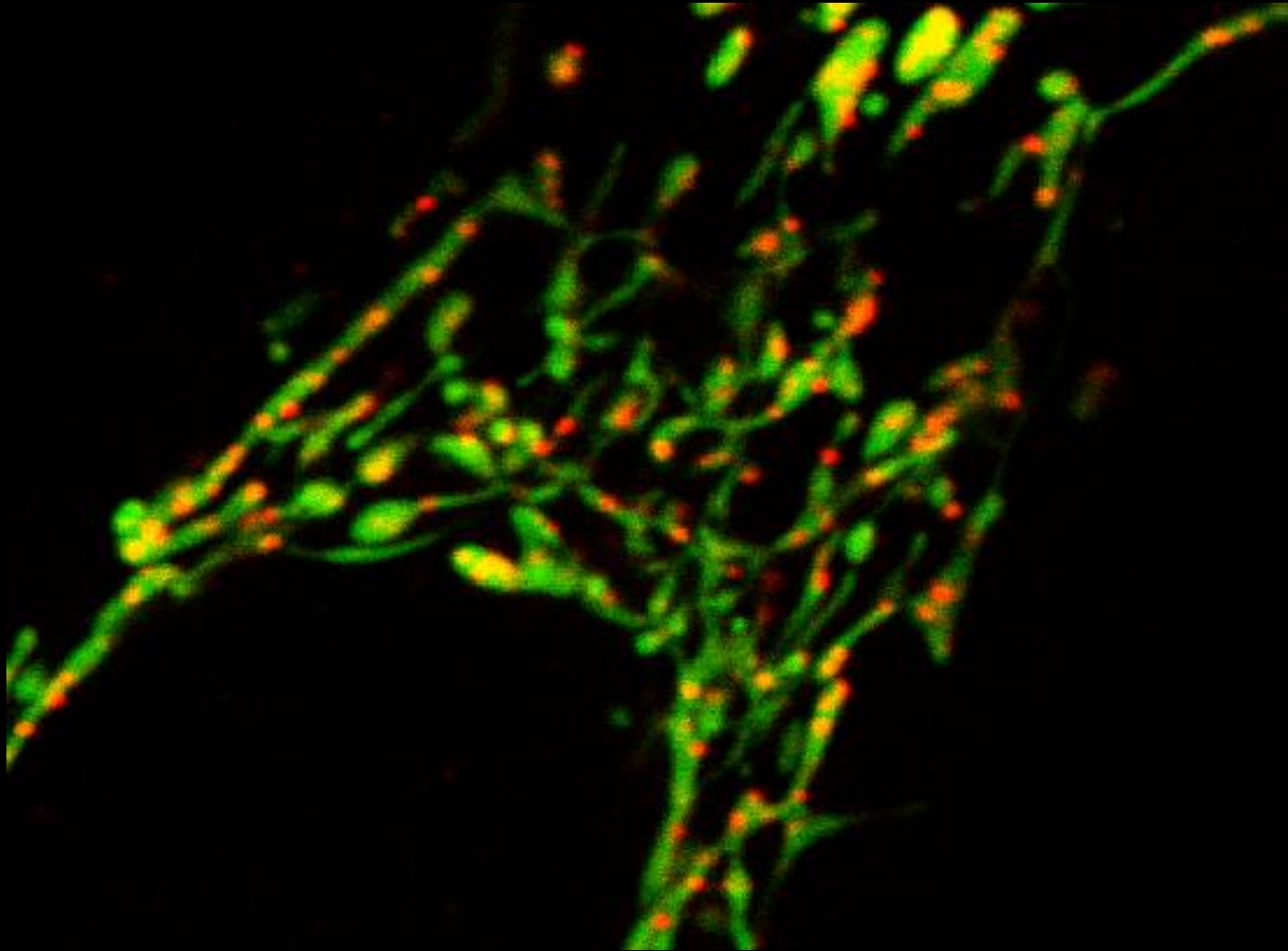
Pár příkladů...



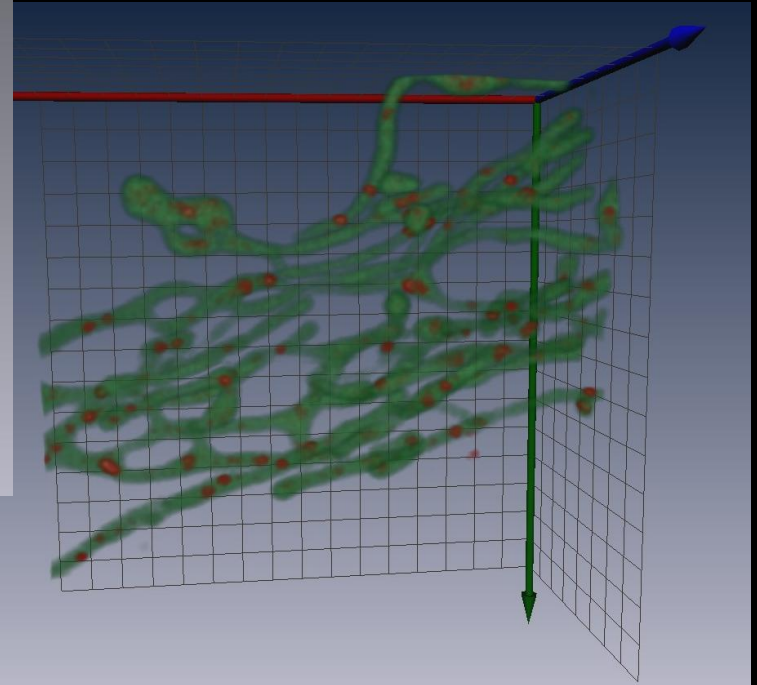
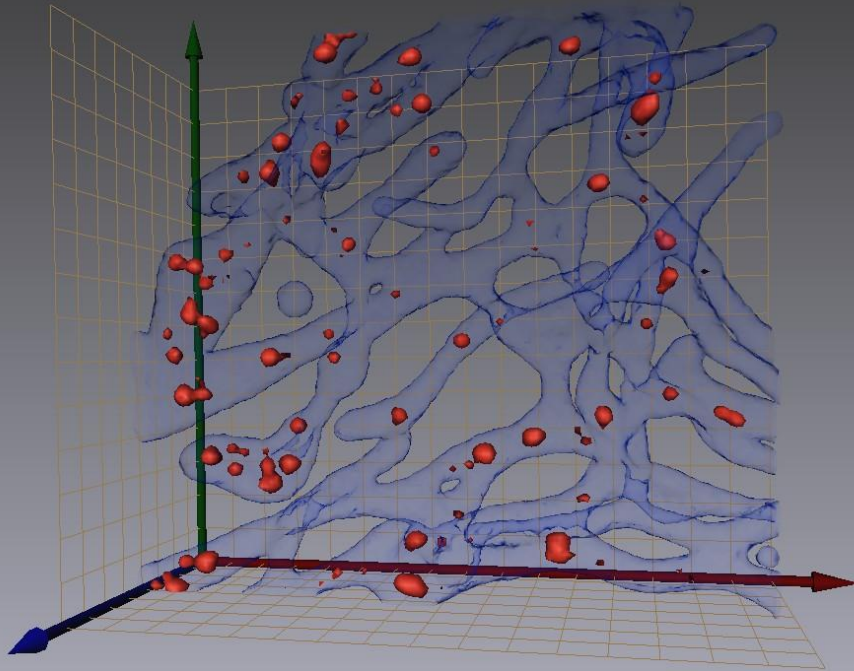
A co teprve RNA?



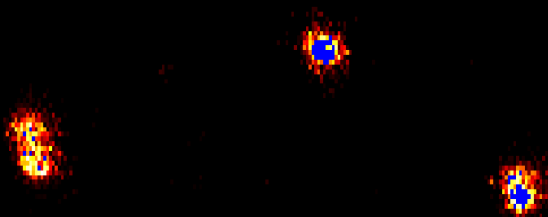
Hledáme jehlu v kupce sena



Optimističtější pohled



Blíž a blíž...



Hledáme diplomanty

- Oddělení biofyziky membránového transportu
- Fyziologický ústav AV ČR v.v.i.
- www.mitonet.cz
- zelenka@biomed.cas.cz
- facebook - Mitochondrie a nanoskopie
- tel: 241 062 285