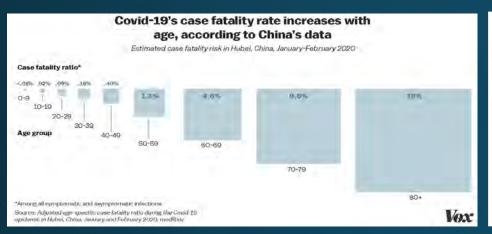


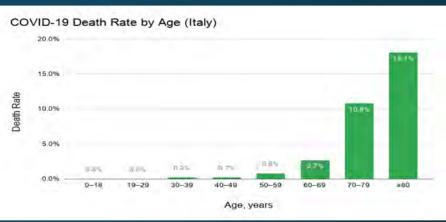


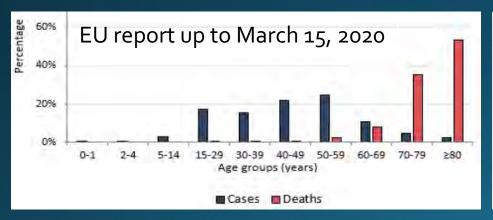
Webinar: Maintaining Immune Health in the Face of COVID-19 and Future Viruses

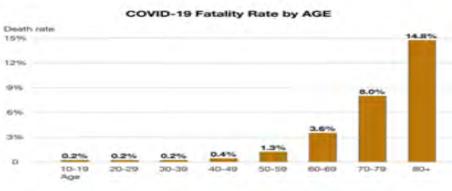
Presentation Slides: Nir Barzilai, MD

Disproportionate death in older adults with COVID-19 - Data from China, EU and US









Fight the virus, defend the host! Not only for COVID-19 but future viruses

Anything hopeful about aging that is relevant to defending the host against COVID-19?

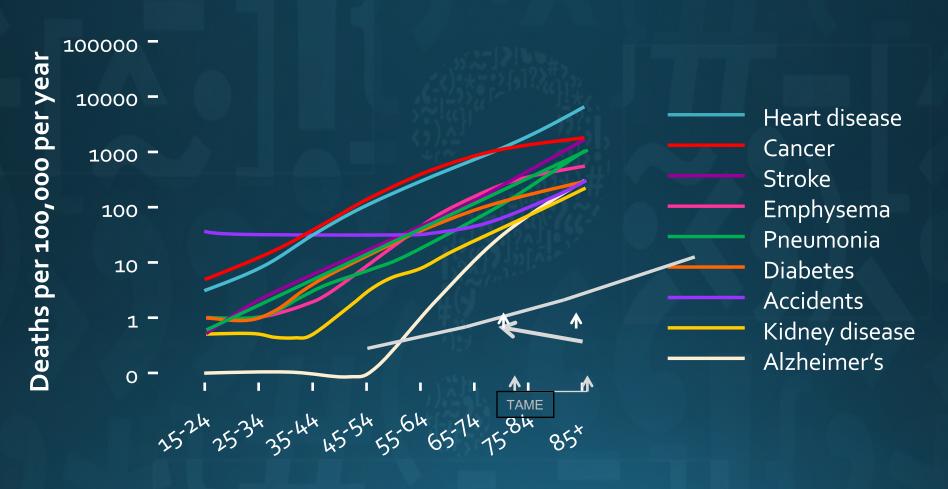
Aging has a biology that can be targeted!
(Geroscience)

Gero-protectors can revert the decline in immunity and increase the resiliency to sickness in older adults

How do we defend the older adults?

Aging is the strongest risk factor for all age related diseases...

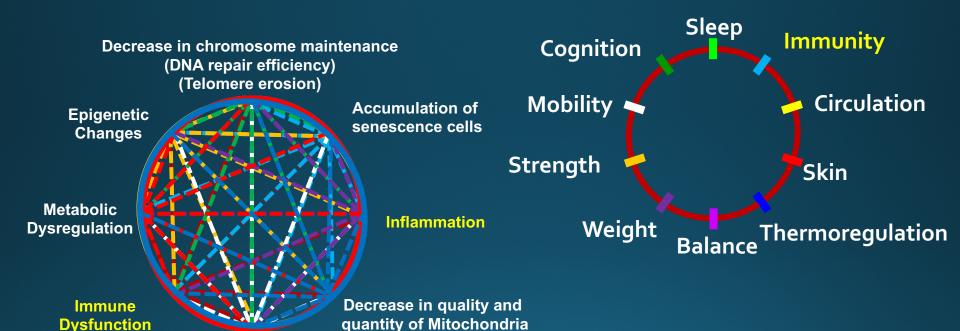




Geroscience

Hallmarks of Aging

Bedside problems:



1) Increase immunity

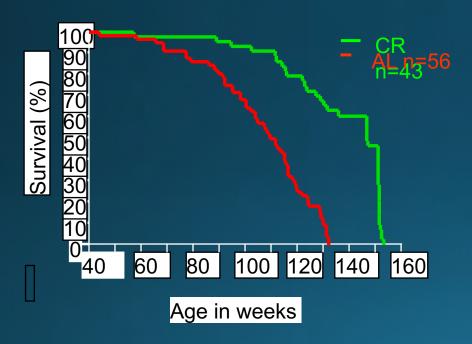
Proteostasis
___failure

Increase the body ability to sustain serious illness!

- Healthspan & lifespan has been extended in numerous animal models.
 - Relevant drugs have been used in humans.

(Metformin, Rapamycin,....)

Dietary restriction extends lifespan (rats)



Rapamycin + metformin (ITP)

