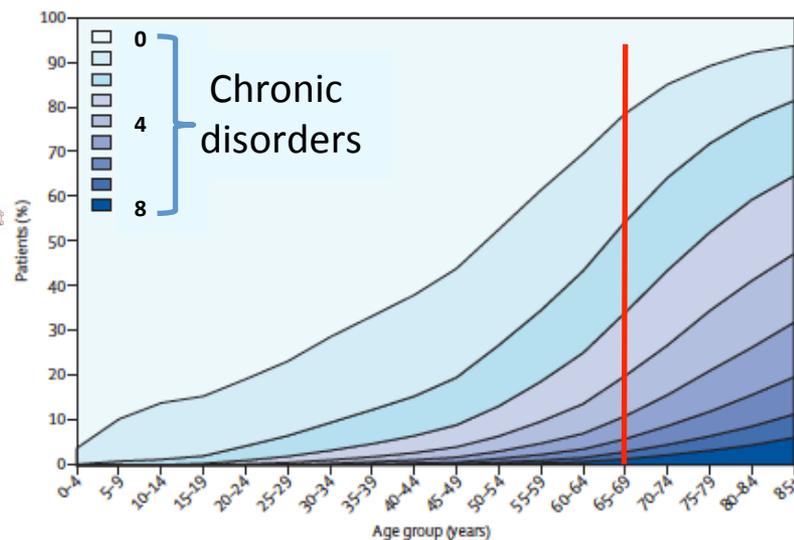
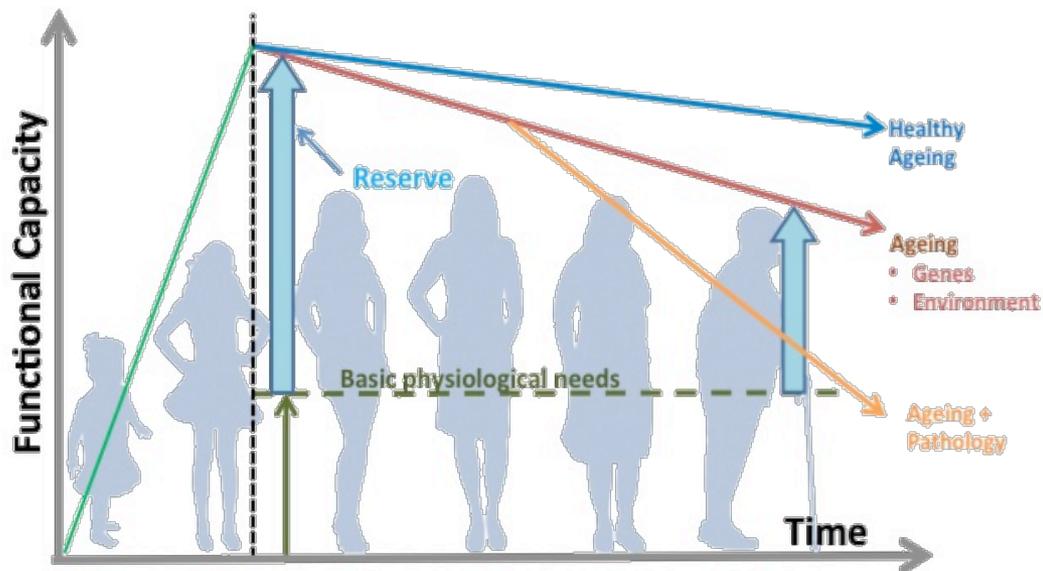
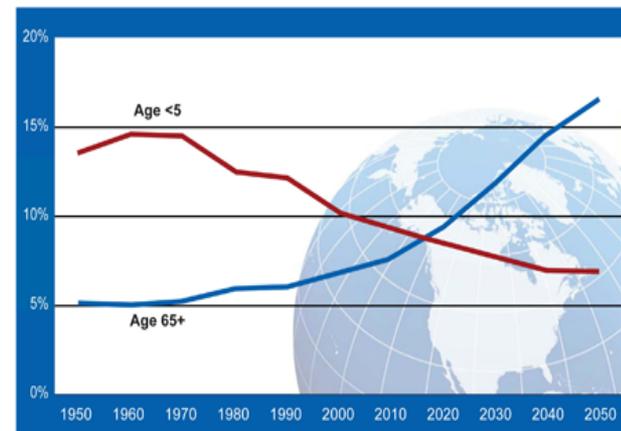


Santé, Neurosciences et Vieillesse

- Ageing: mechanisms
 - UMR Biological Adaptation and Ageing (B2A)
 - » Pr Bertrand Friguet, UPMC
 - DHU FAST (Fight against Ageing and Stress)
 - » Pr Jean Mariani, Dr Christian Neri, UPMC
- Brain ageing
 - Normal and pathology



Interest/interactions with Japan

- **Mechanisms of ageing: lifestyle/genes**
 - Predictive markers of longevity (100yr olds)

» Dr Christian Neri

- Patient cohorts DHU + Keio & Kyushu universities

» ↑ power of study



- **Neuroscience: cognitive decline**

- Why so variable?

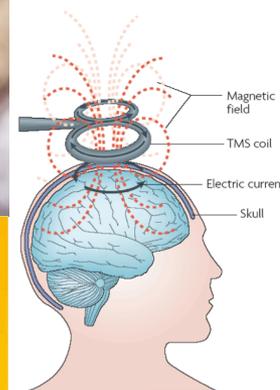
- Capacity to modify

» Delay/slow/reverse?

- Psychosocial/technical?

» General/specific input

» People, domotics, brain stimulation



Precisely-phenotyped cohorts for the study of stress resilience

(Ile de France and national/international cohorts)

CogDisCo (Marc Verny)

1000 patients, +500 patients/year
IADL + MRI 80%, PET 20%



Cognitive decline,
brain proteostasis
neuroinflammation
(imaging)

UPOG (Jacques Boddaert)

900 patients, +600 patients/year
340 parameters



Post surgery trauma
and immune response
*survival distribution at
6 months and beyond*

AGER (Eric Pautas)

Standardized questionnaire 150
parameters; starting 1500-2000 Patients/yr



Acute geriatrics