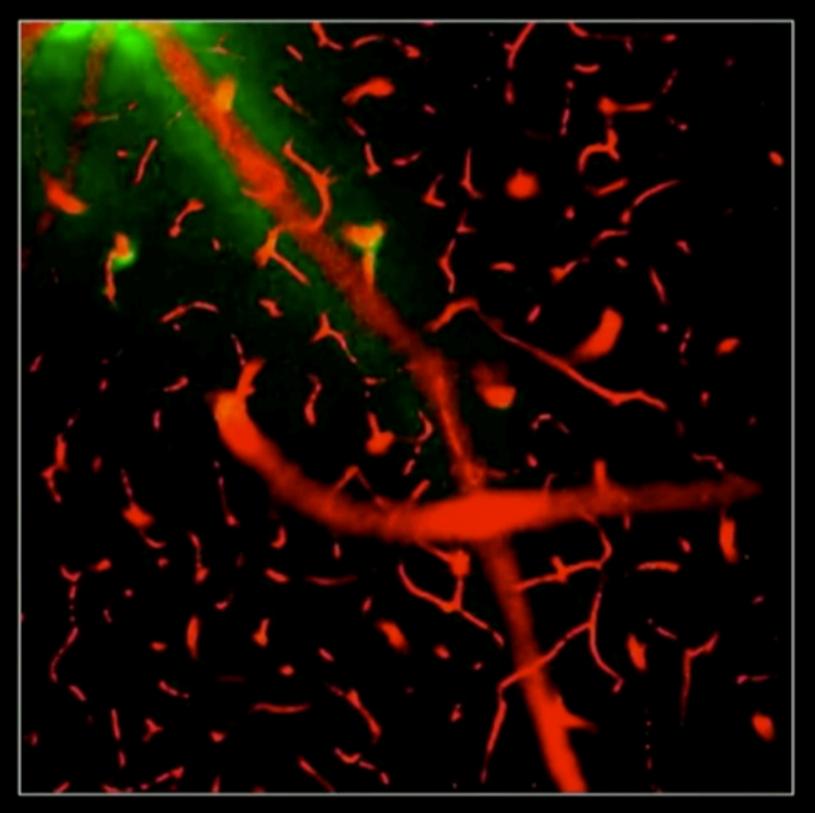


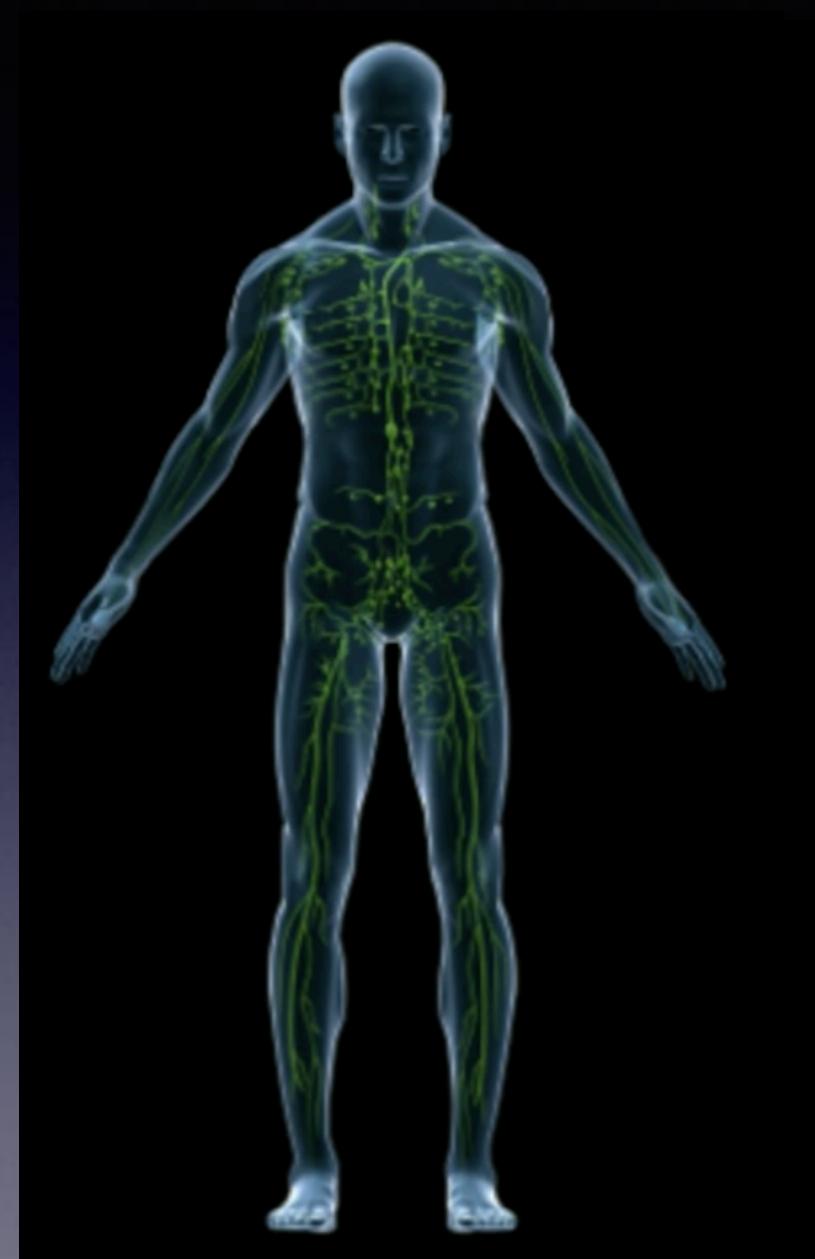
Imaging at the brain surface

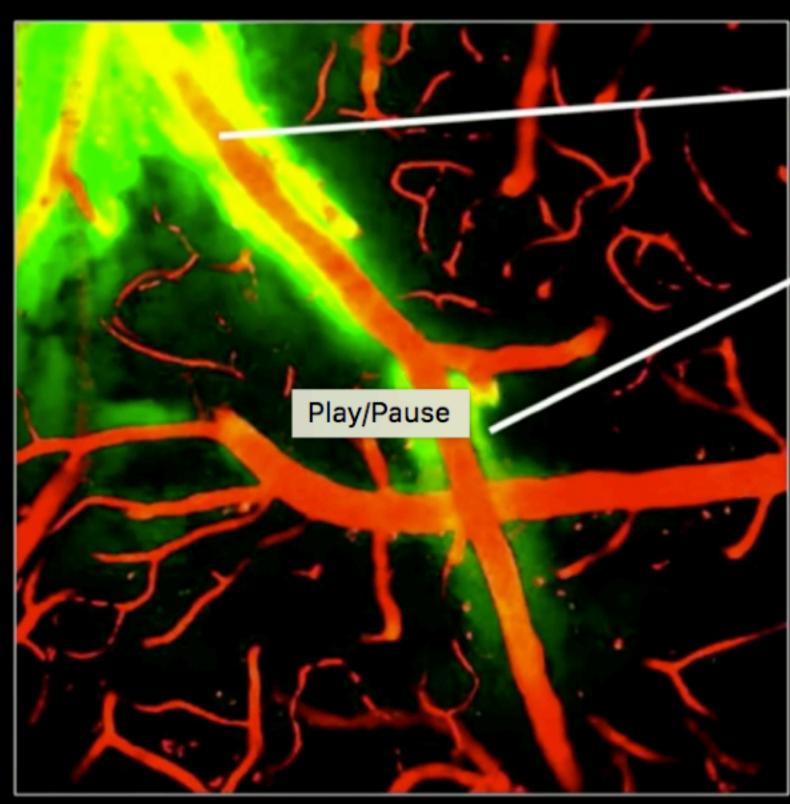
## **Blood Vessels**

Cerebrospinal Fluid (CSF)

... and inside the brain





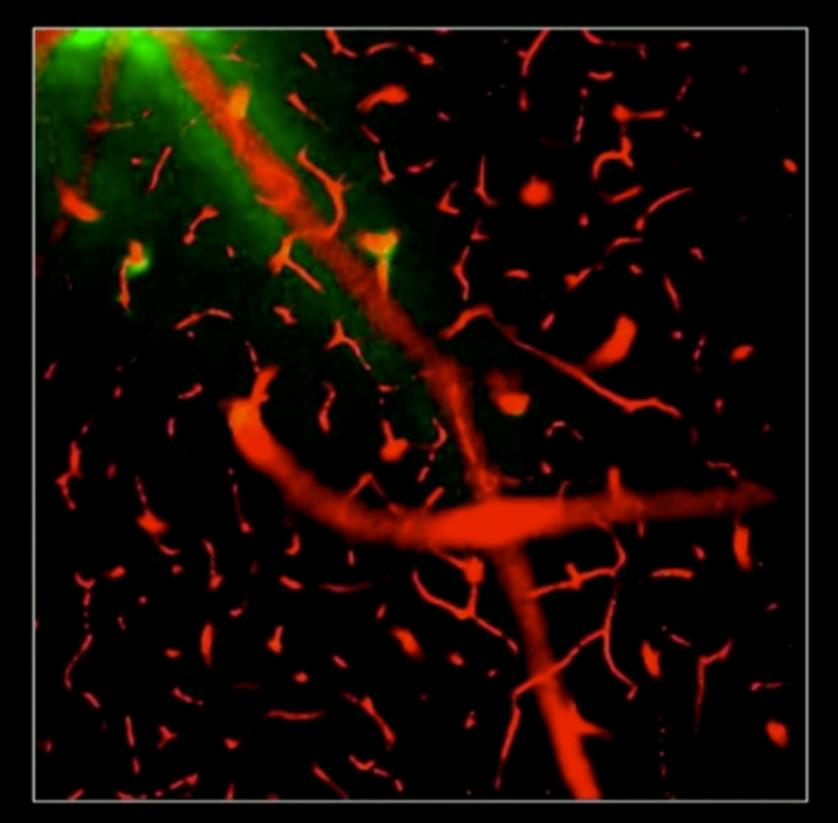


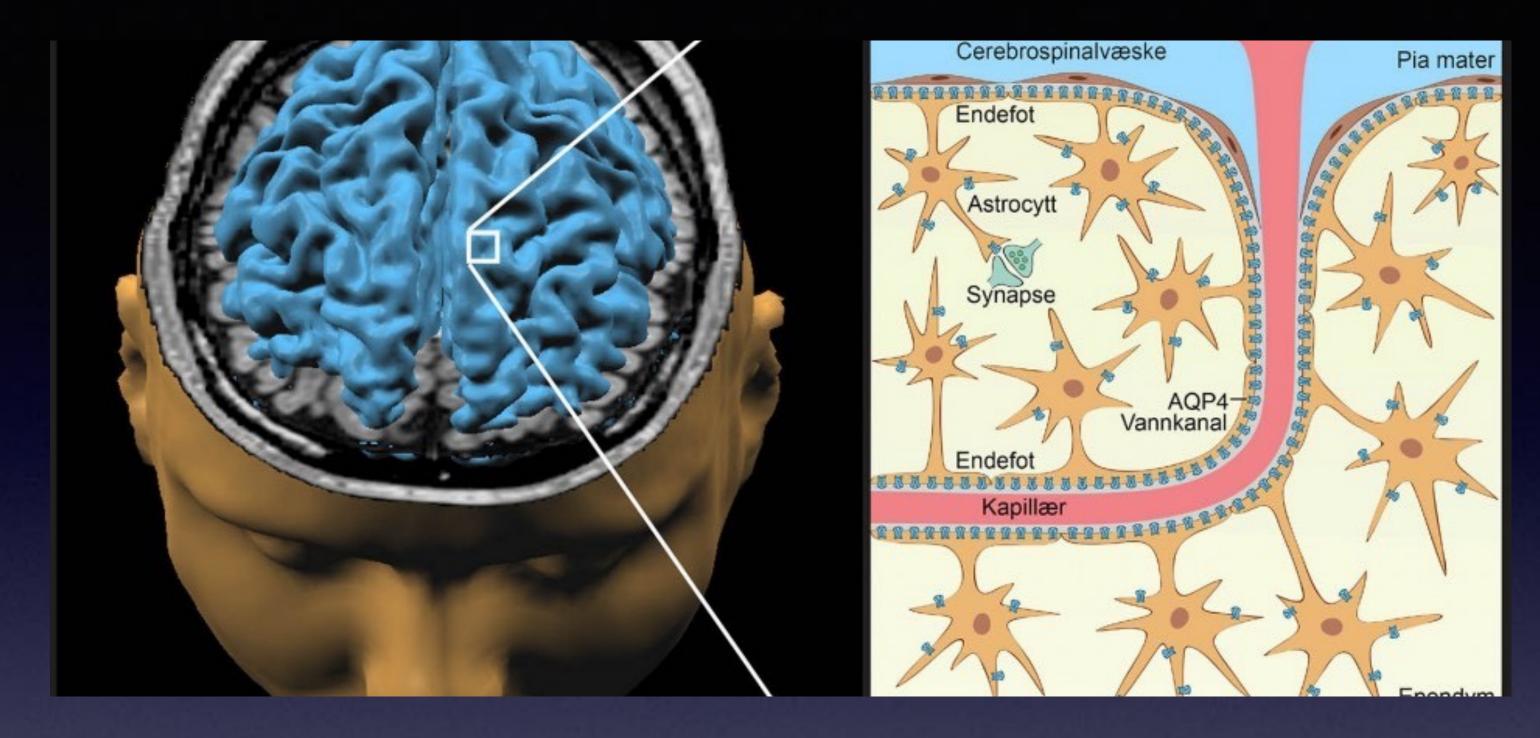
Imaging at the brain surface

## Blood Vessels

Cerebrospinal Fluid (CSF)

... and inside the brain





Erlend Nagelhus, UiO 2011, Maiken Nedergaard, Univ. of Rochester 2013:

- Hylser med CSF rundt kapillærer mellom nerveceller som skrumper i søvne
- Vasker vekk avfallsstoffer som har hopet seg opp under dagens arbeid
- Istedenfor lymfekanaler som ellers i kroppen
- TED (Jeff Iliff, Univ. of Rochester): »One more reasen to get a good night's sleep»