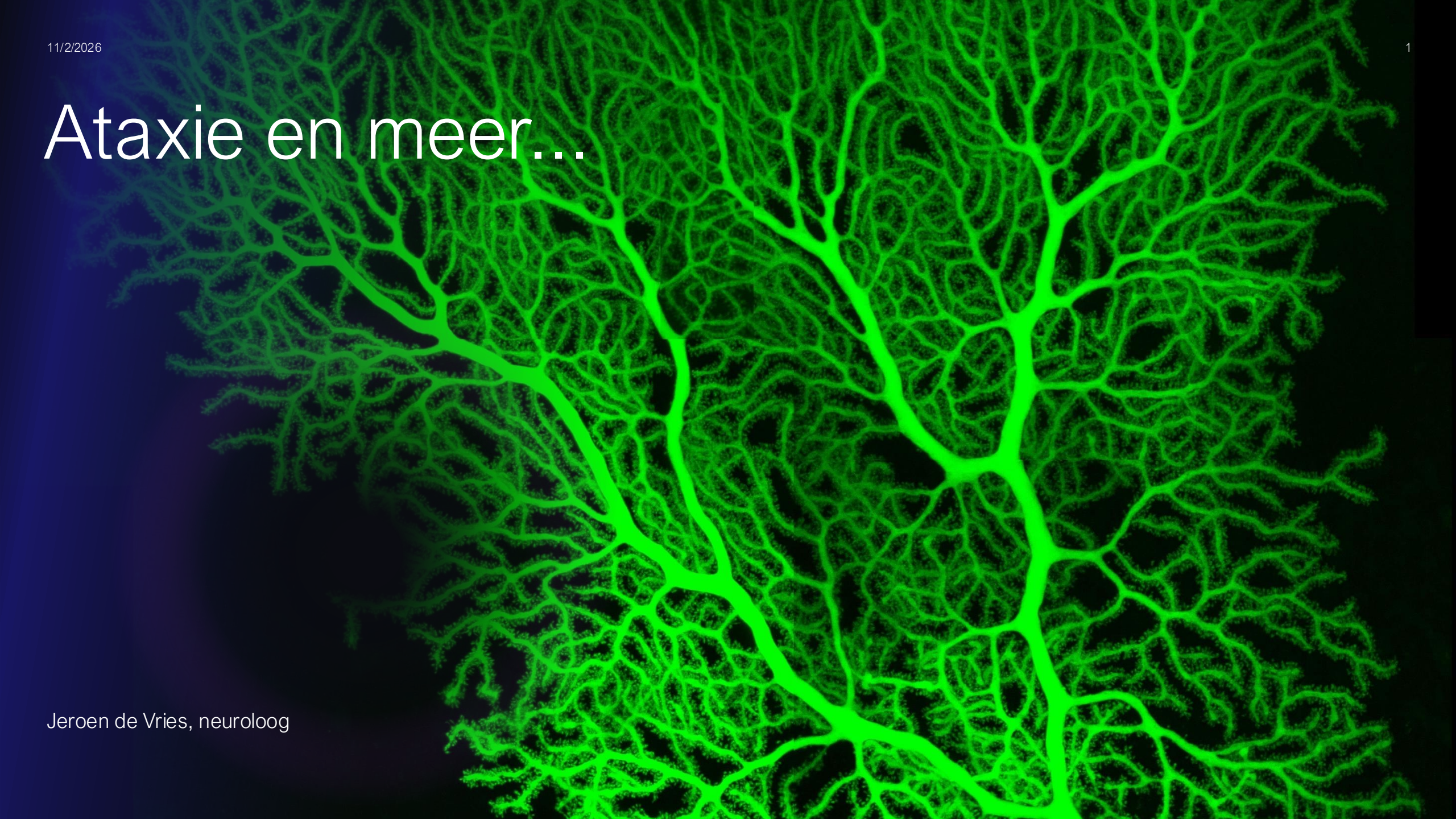
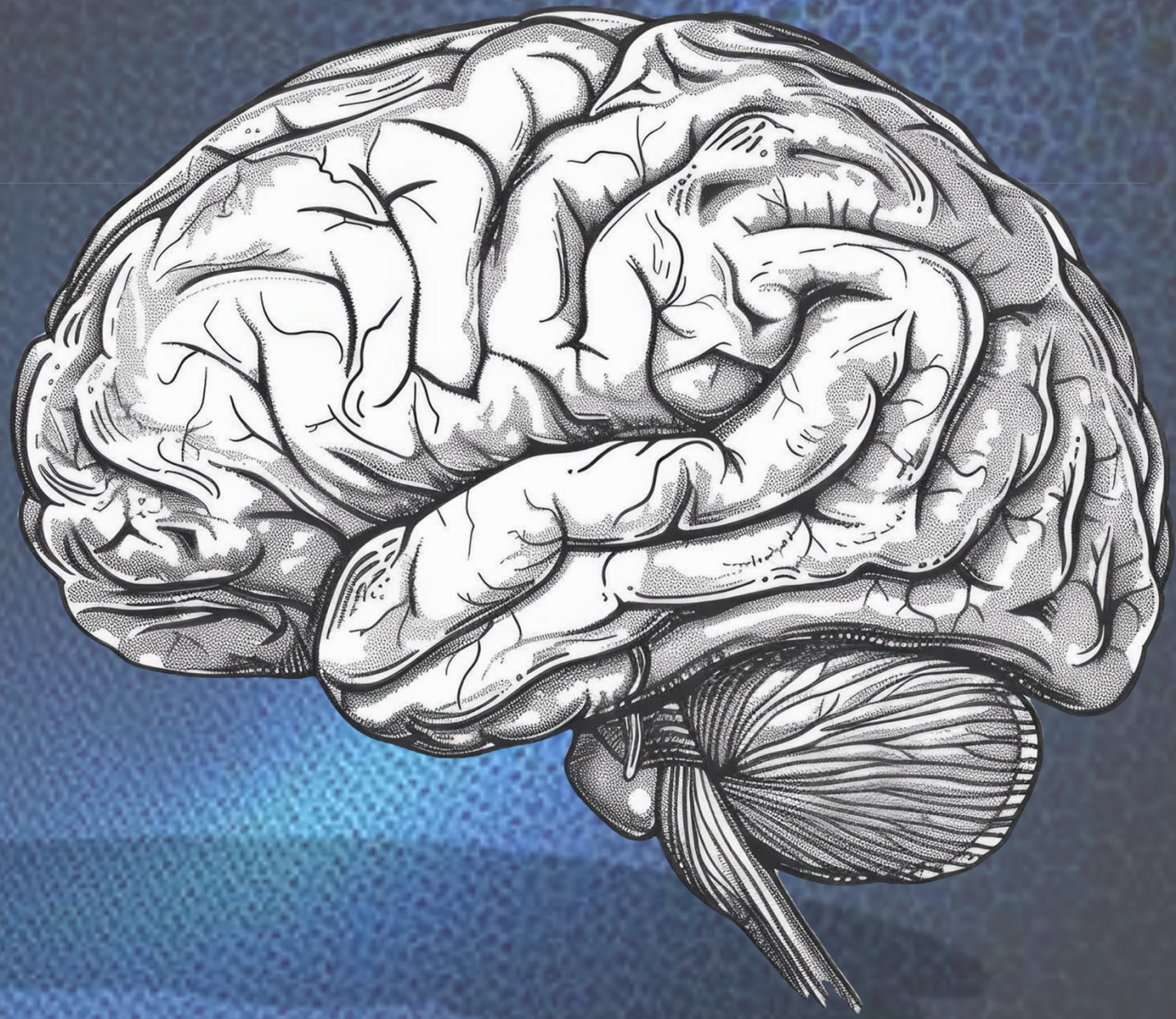
Ataxie en meer...



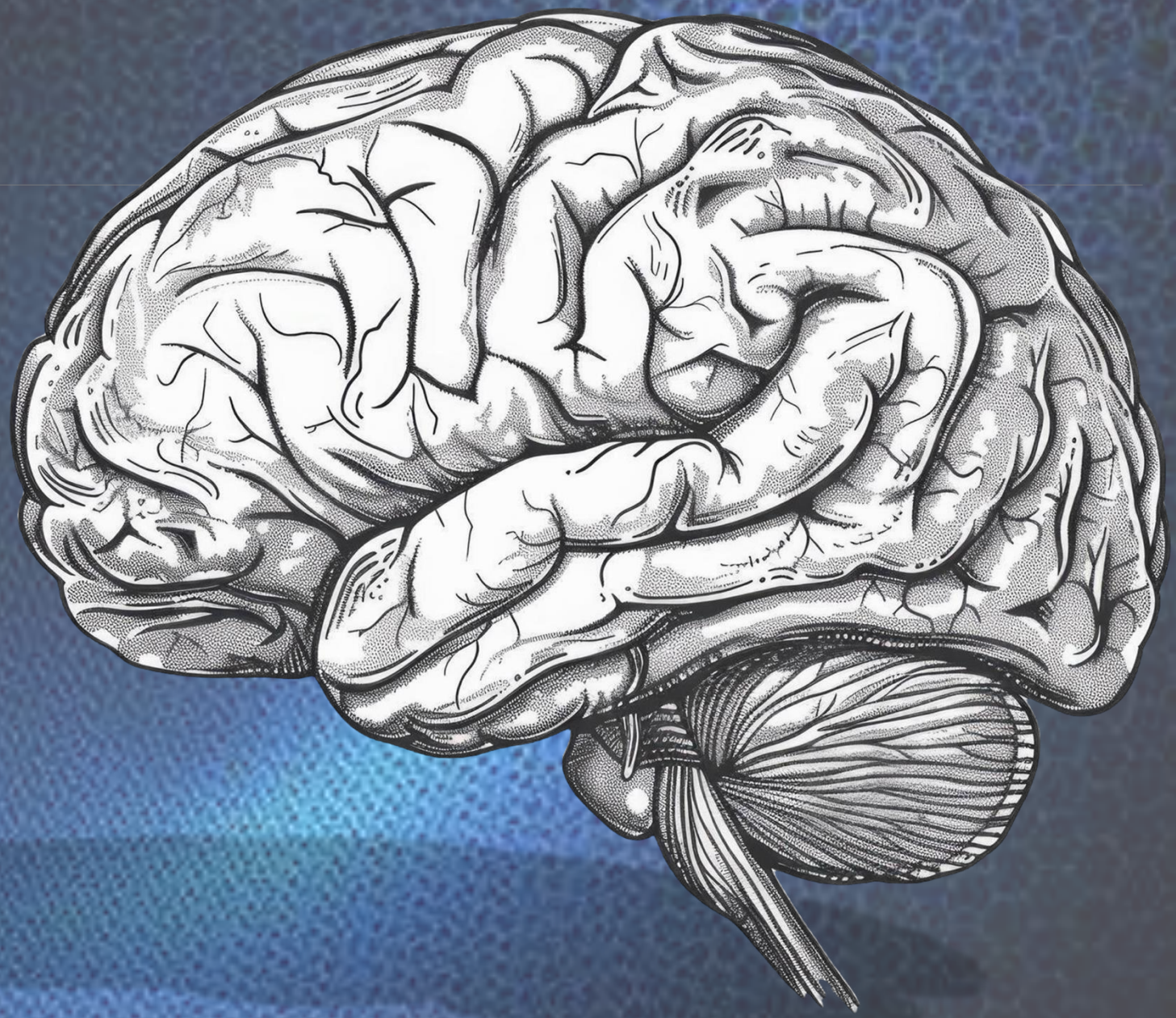
Jeroen de Vries, neuroloog

Wat is Ataxie?

- Letterlijk: Afwezigheid van orde!





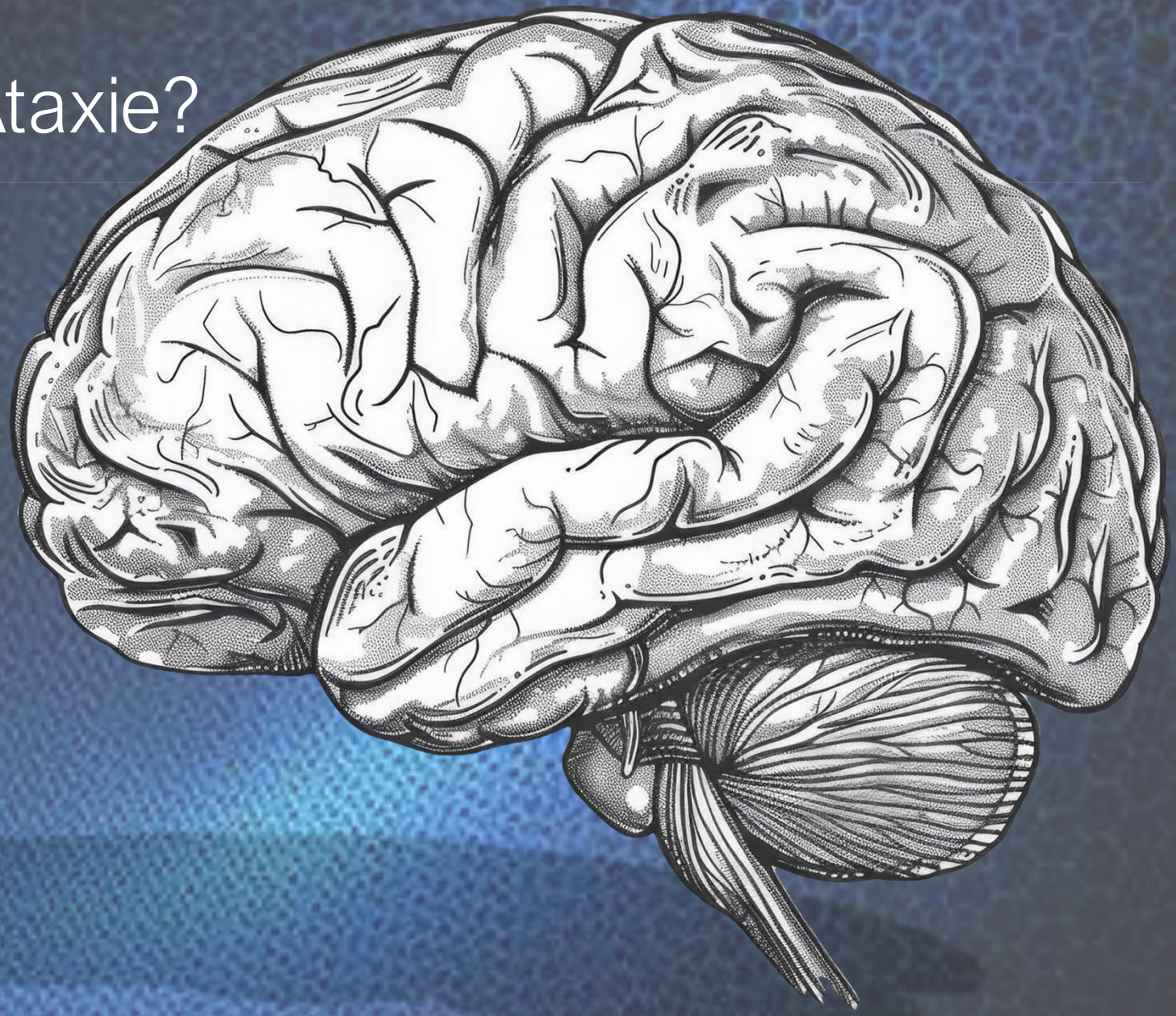


Stigma...



Wat is de oorzaak van Ataxie?

- Gevoel
- Evenwichtsorgaan
- Kleine Hersenen



Welke video is een voorbeeld van Cerebellaire Ataxie?

A.



B.



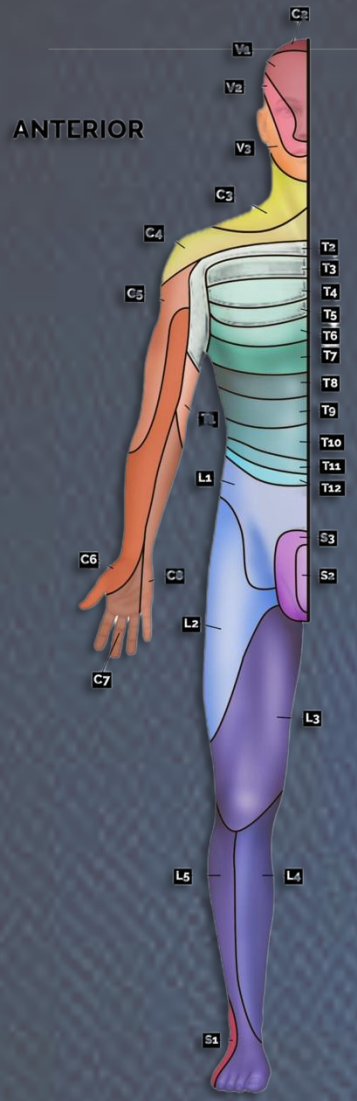
C.



Hoe maak je het onderscheid?



Onderzoek van het gevoel





Aanraking



Pijn

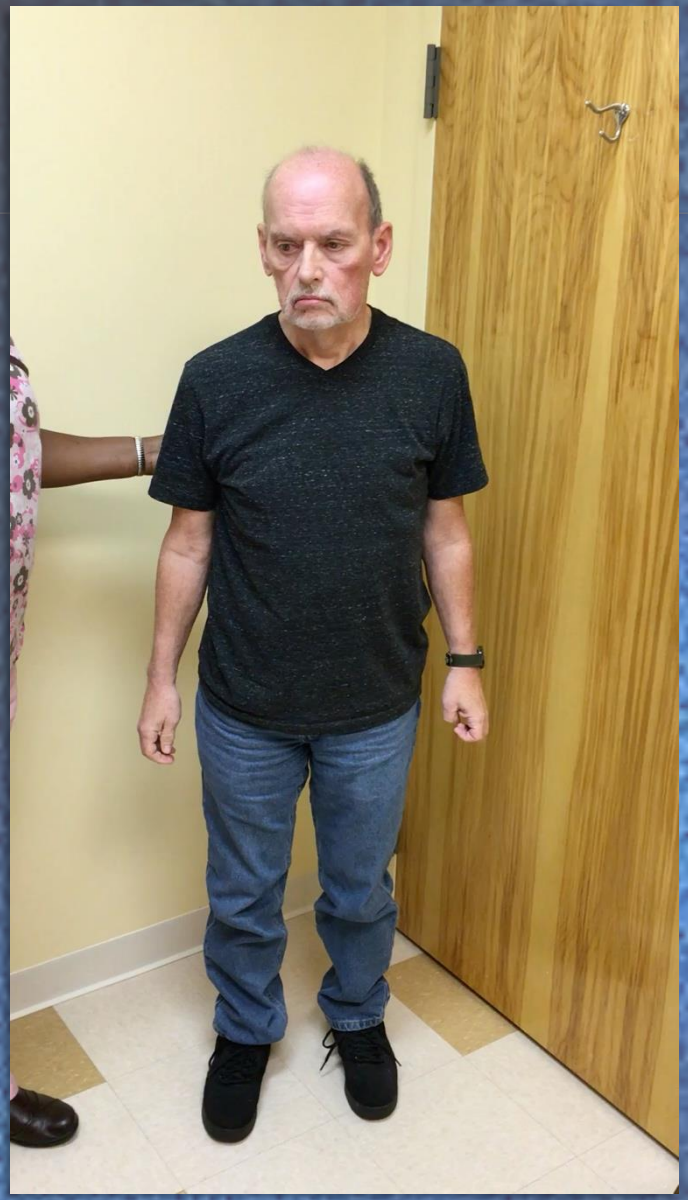


Vibratie



Positie

Proef van Romberg



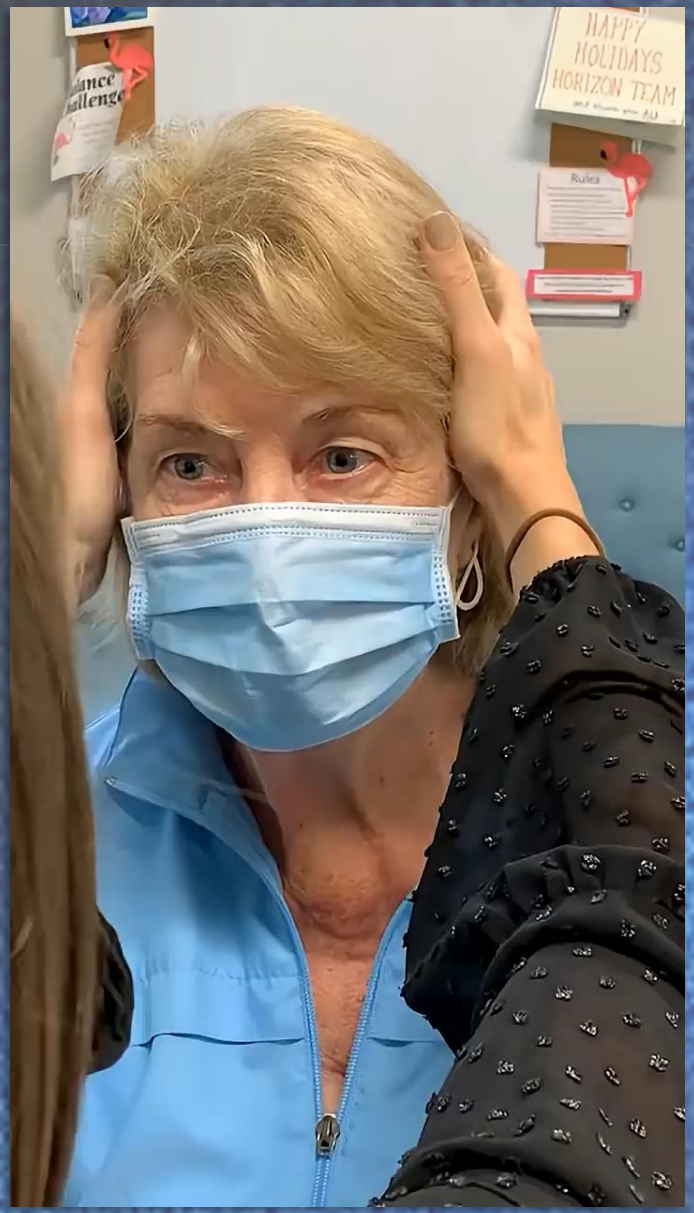
Vinger-Neus Proef



Knie-Hak-Proef

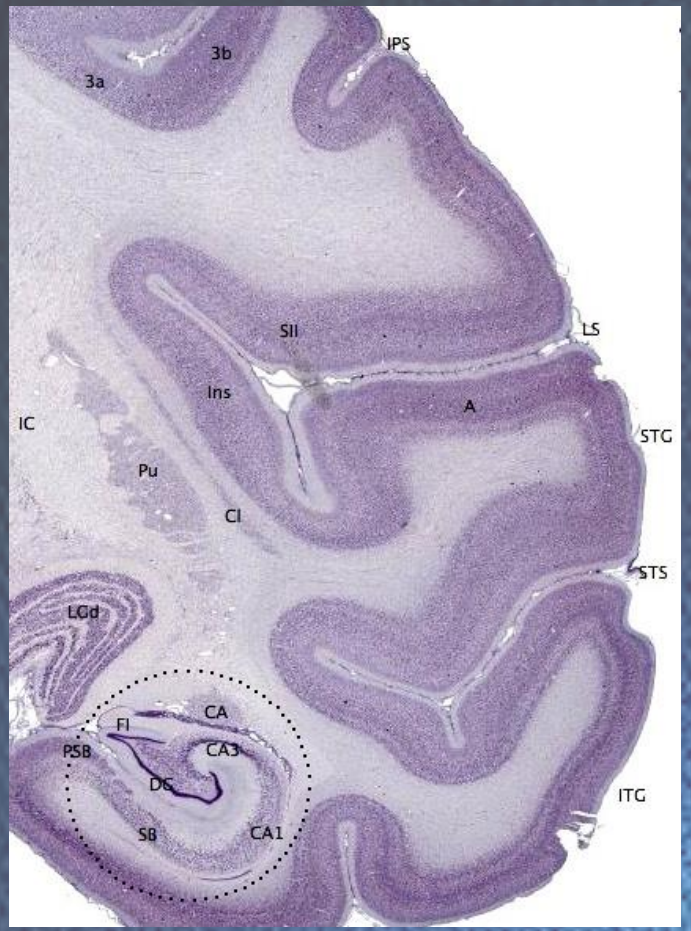


Head-Impulse Test

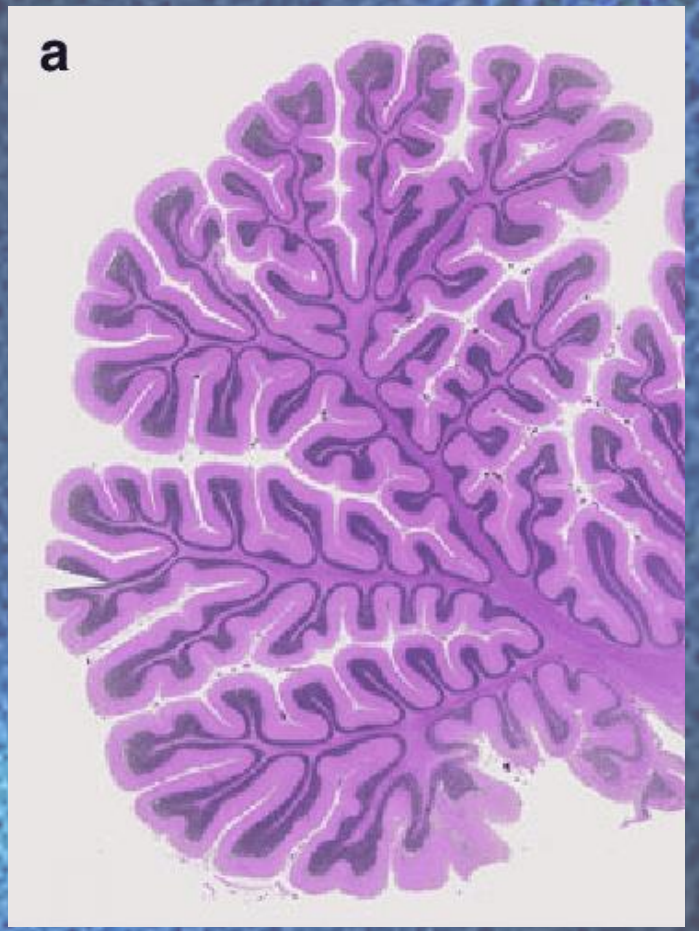


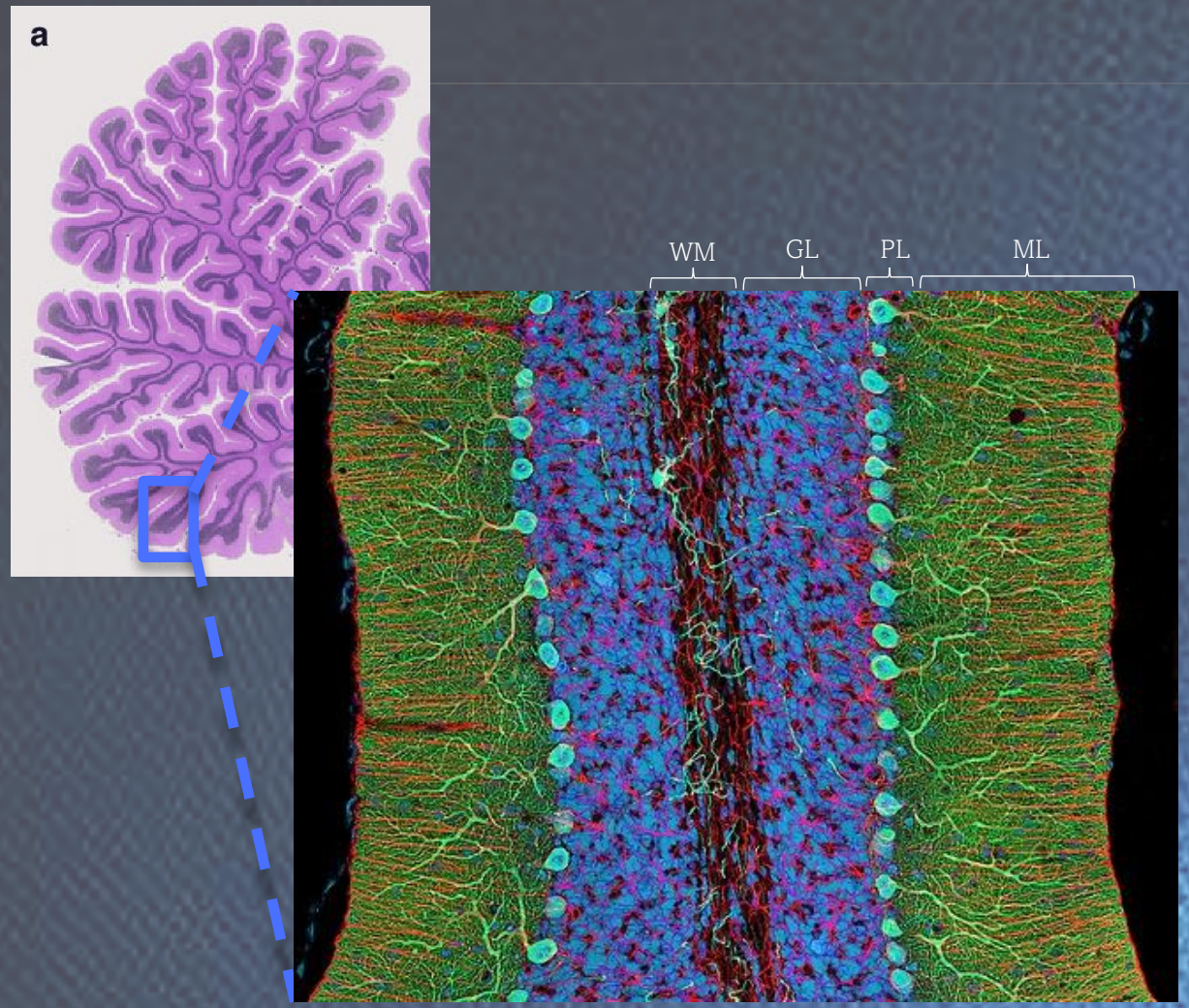


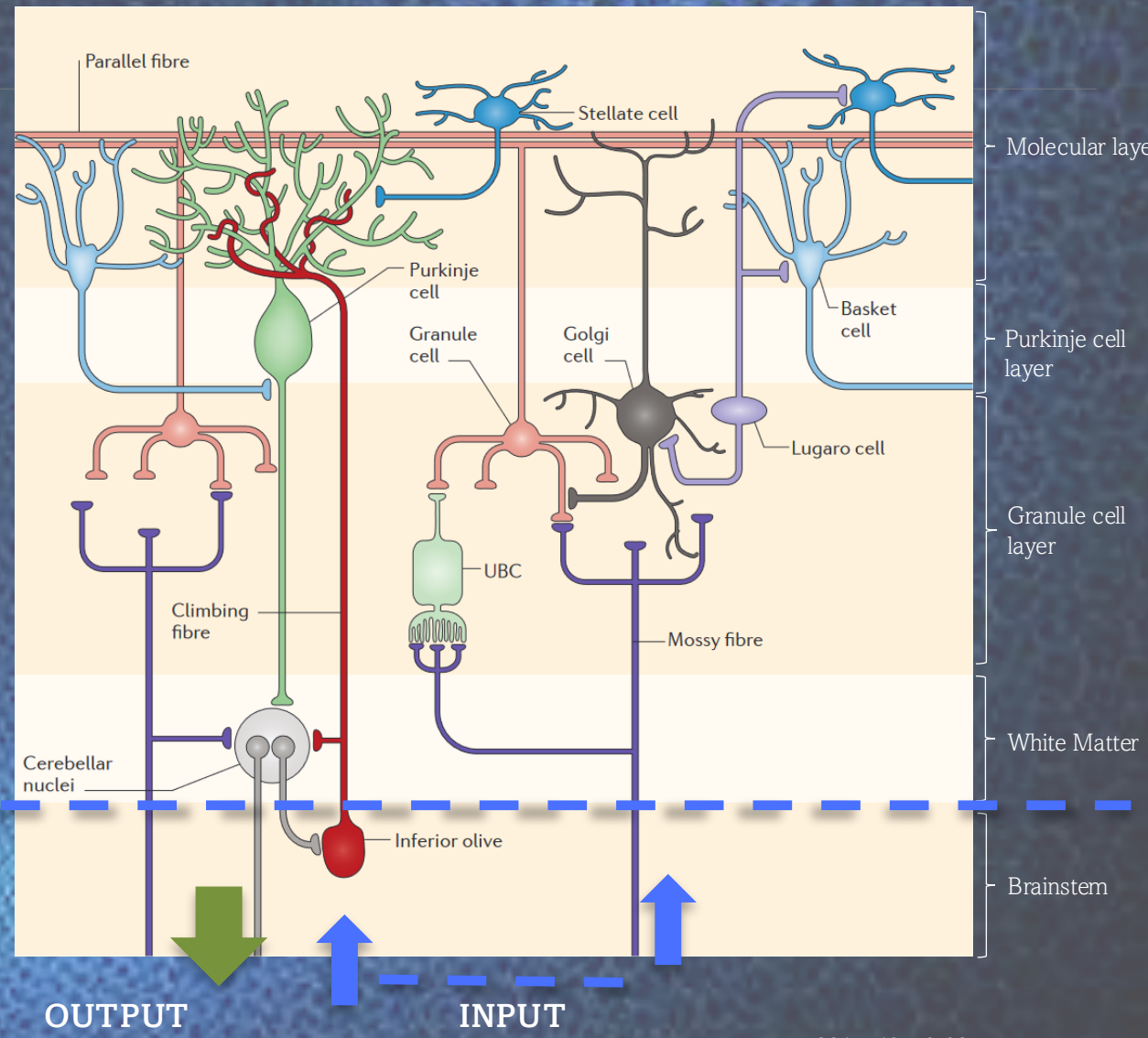
Grote Hersenen



Kleine Hersenen

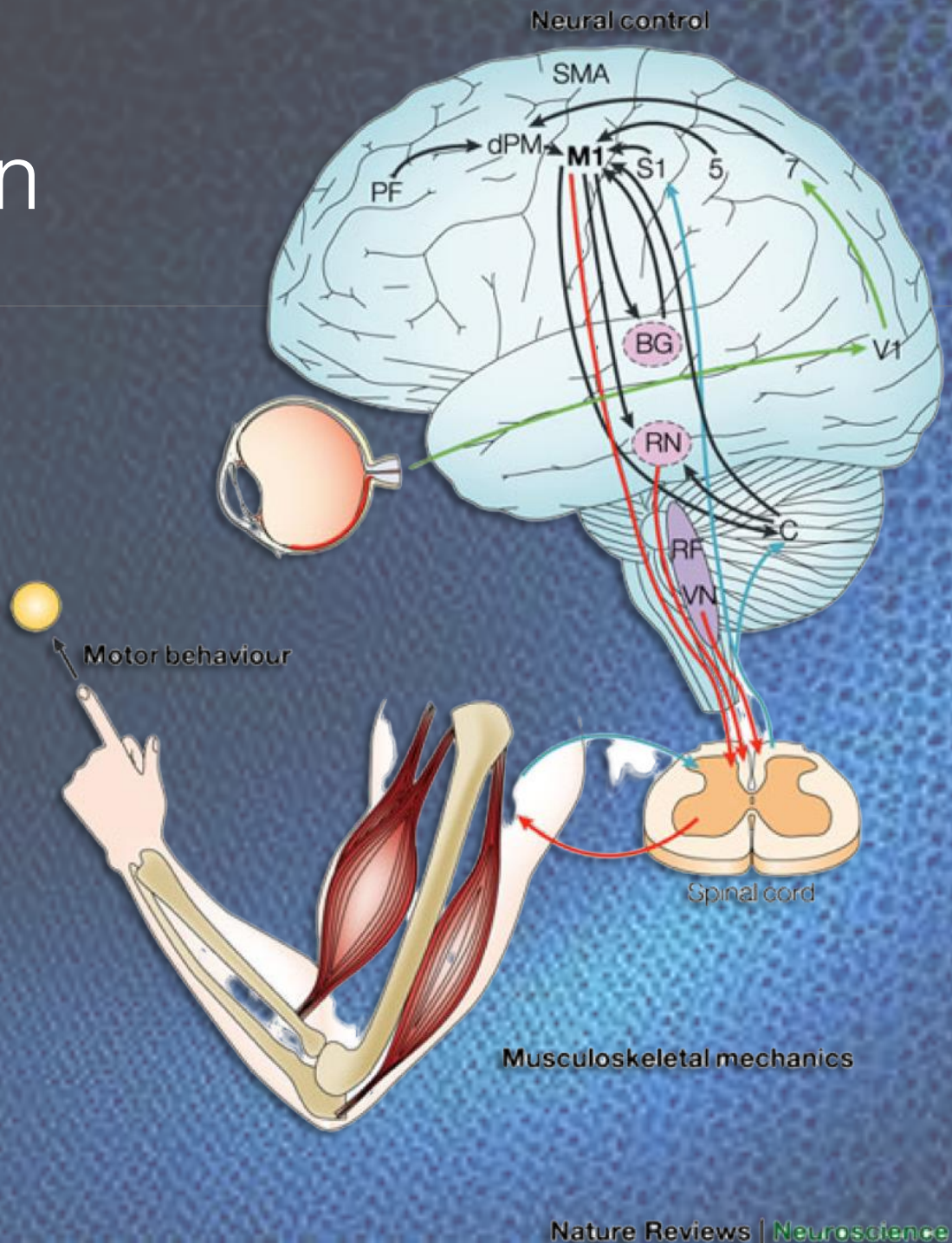




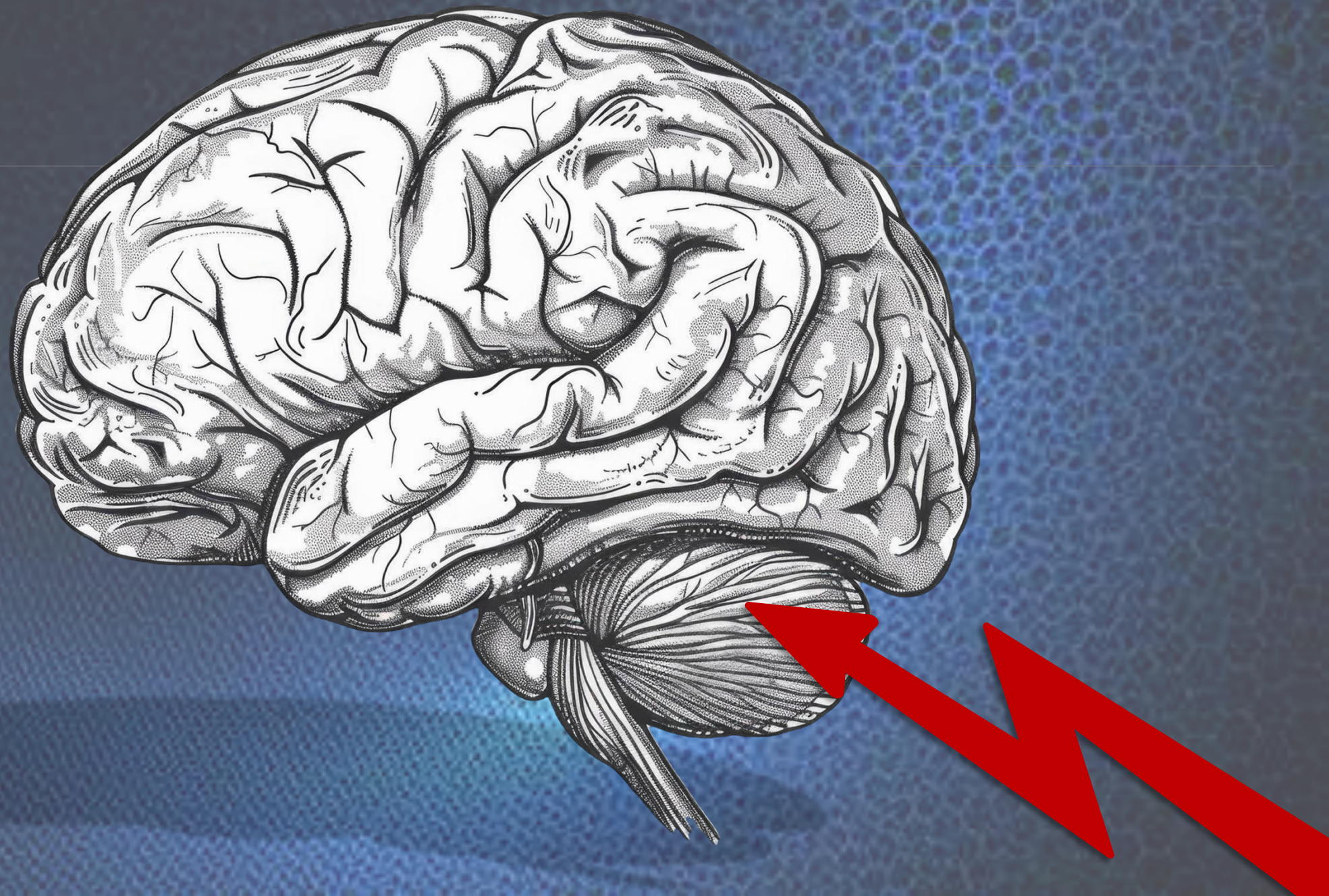


Nat Reviews Neurosci 2015; 16: 79-93

Organisatie van Beweging



Oorzaken



Cerebellaire Ataxie

Niet-Degeneratief

- Vasculair
- Multiple sclerose
- Ruimte-innemend proces
- Paraneoplastisch / Auto-immuun
- Deficiënties (vit. E)
- Inflammatoir
- Medicatie
- Alcohol
- Congenitaal
- Functioneel

Degeneratief

Niet-Erfelijk

- MSA-c
- Sporadisch (SAOA)

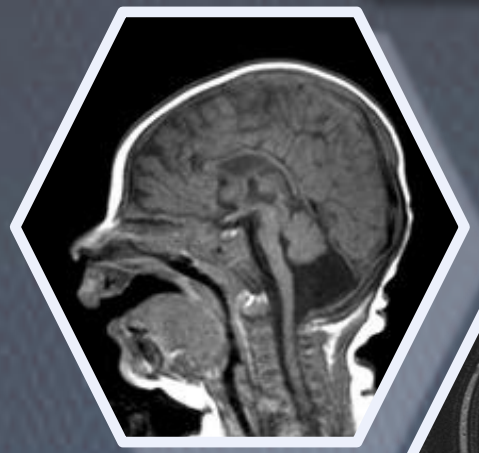
Erfelijk

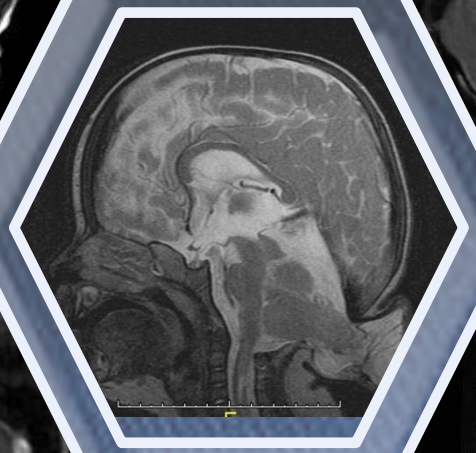
- Dominant (ADCA)
- Recessief (ARCA)
- (X-Linked)

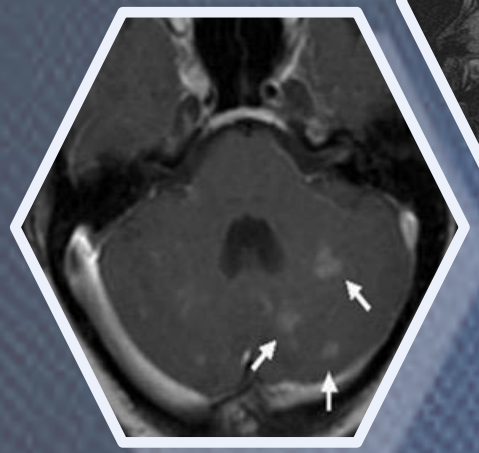
Beeldvorming

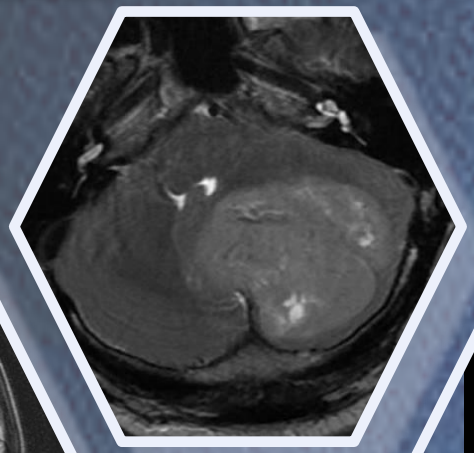
Niet-Degeneratief

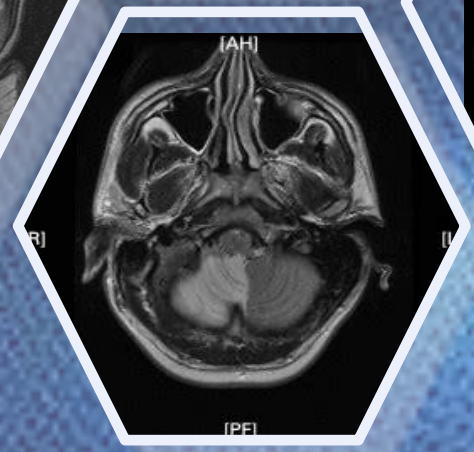
Degeneratief

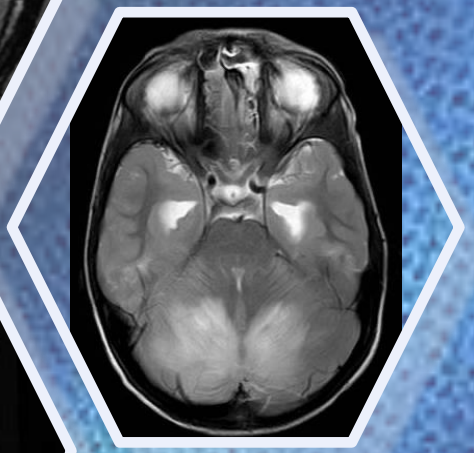


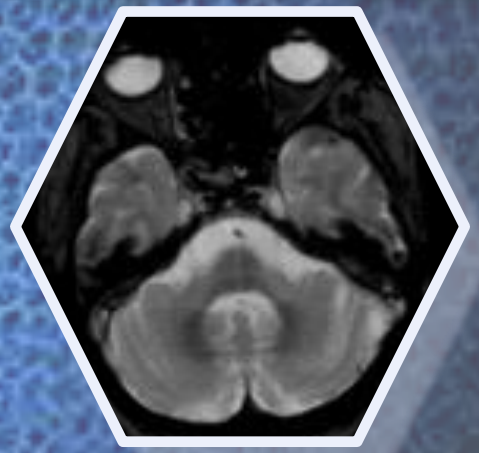


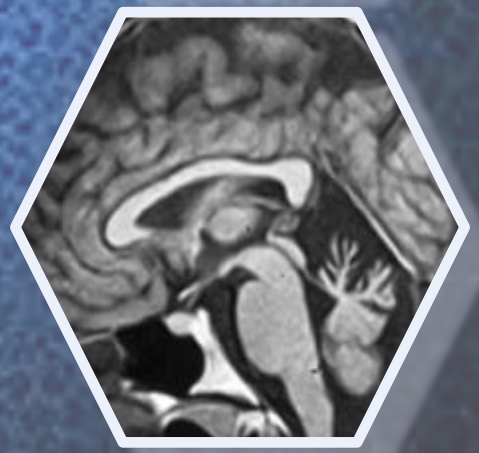


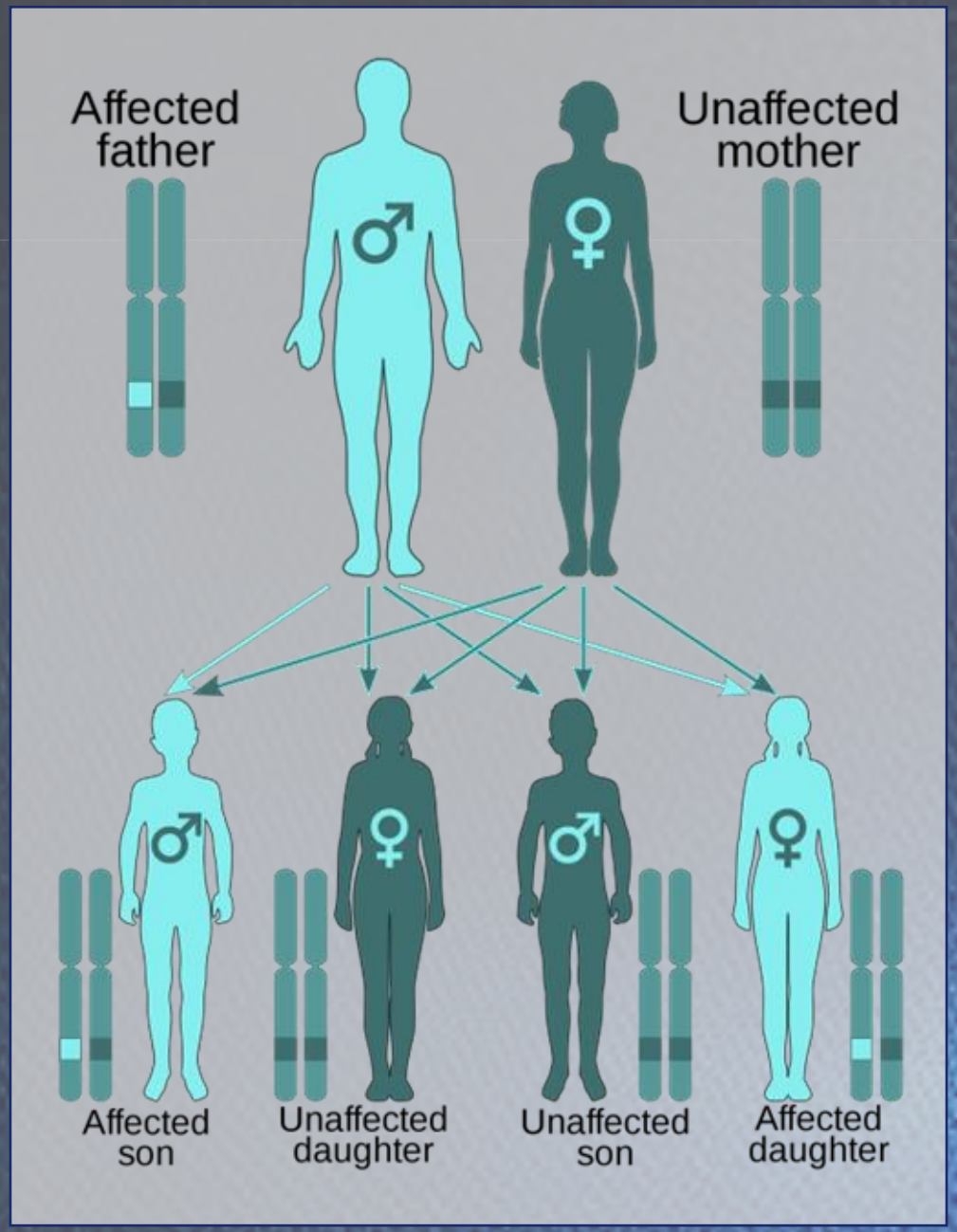


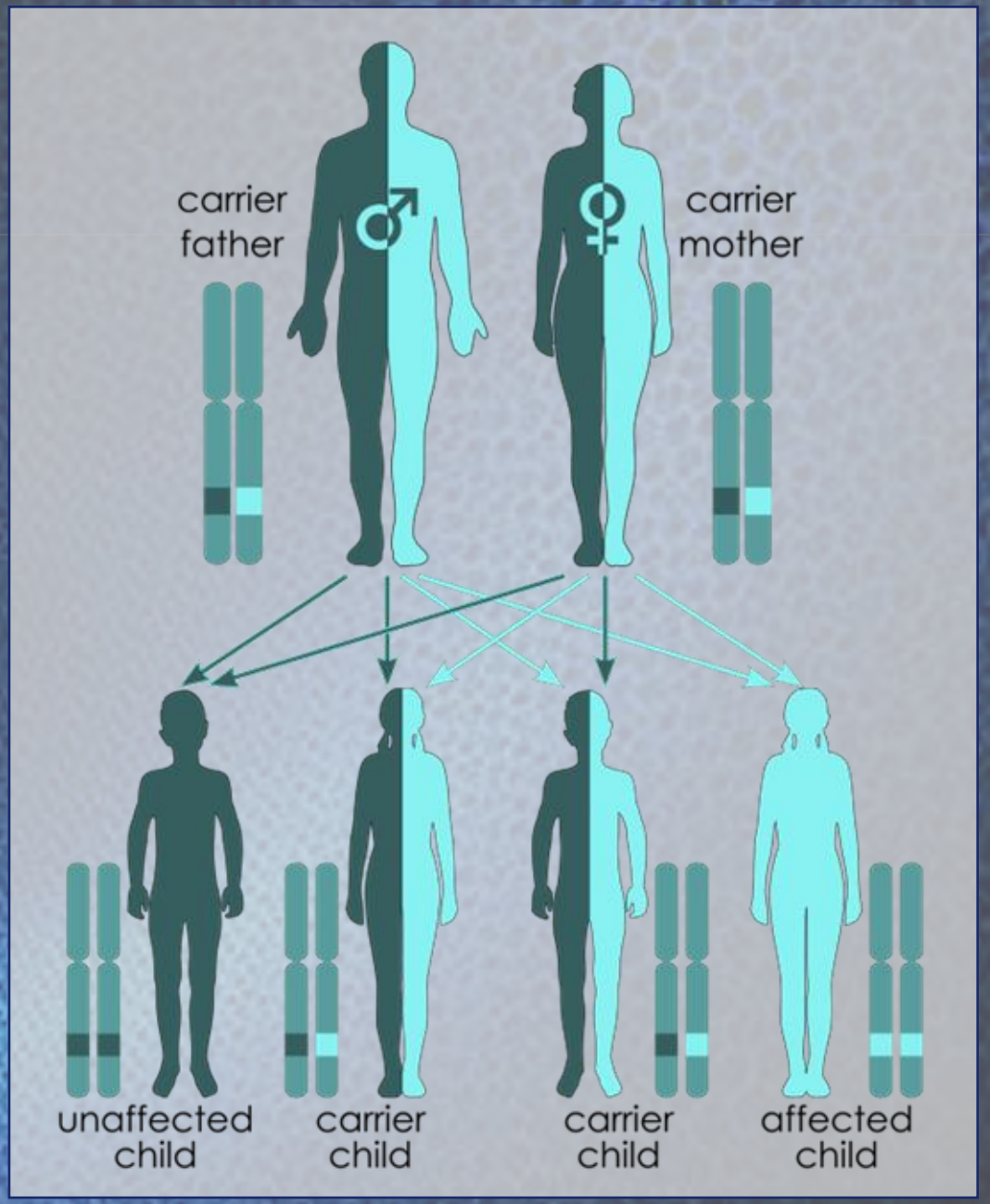




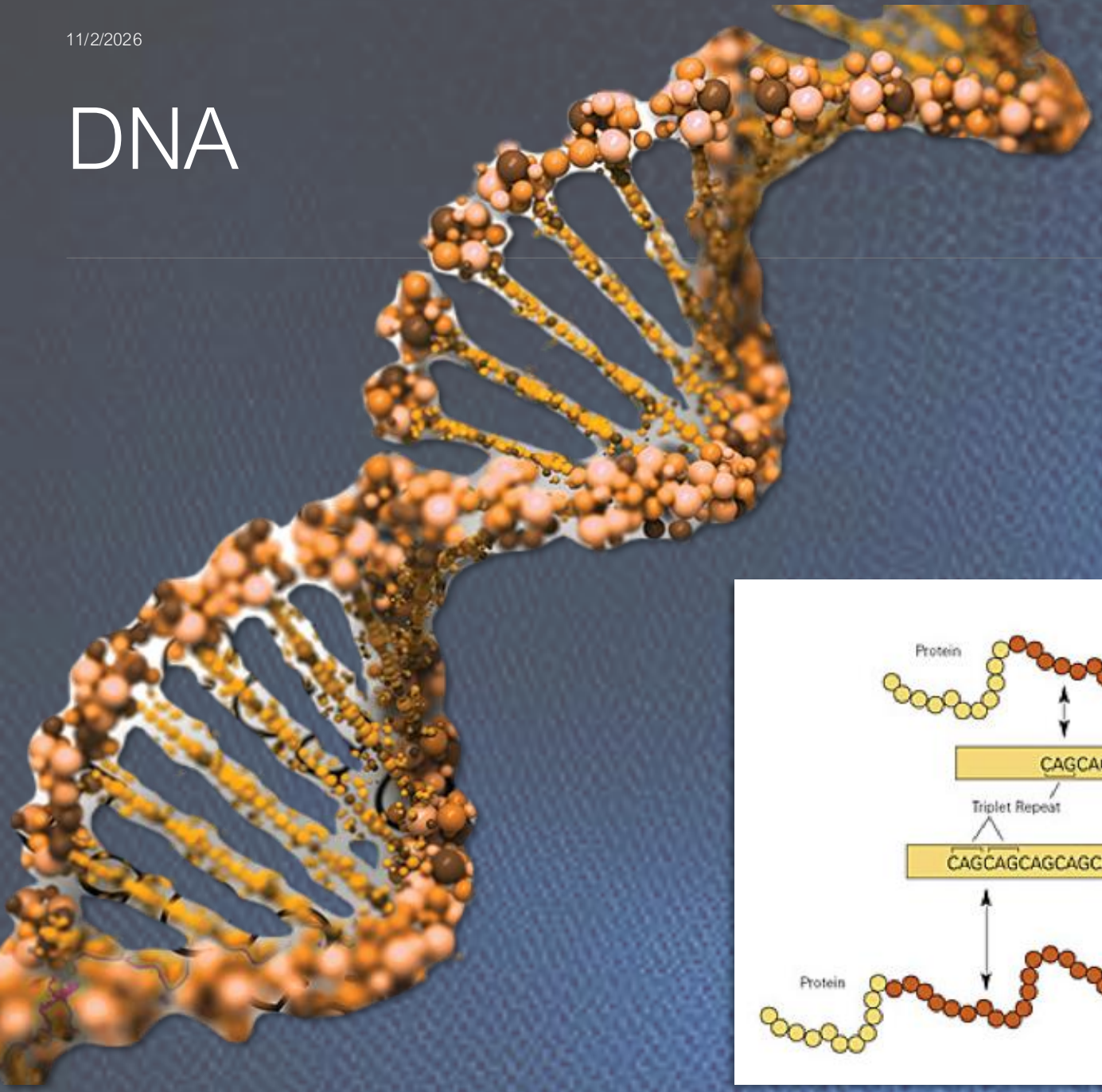


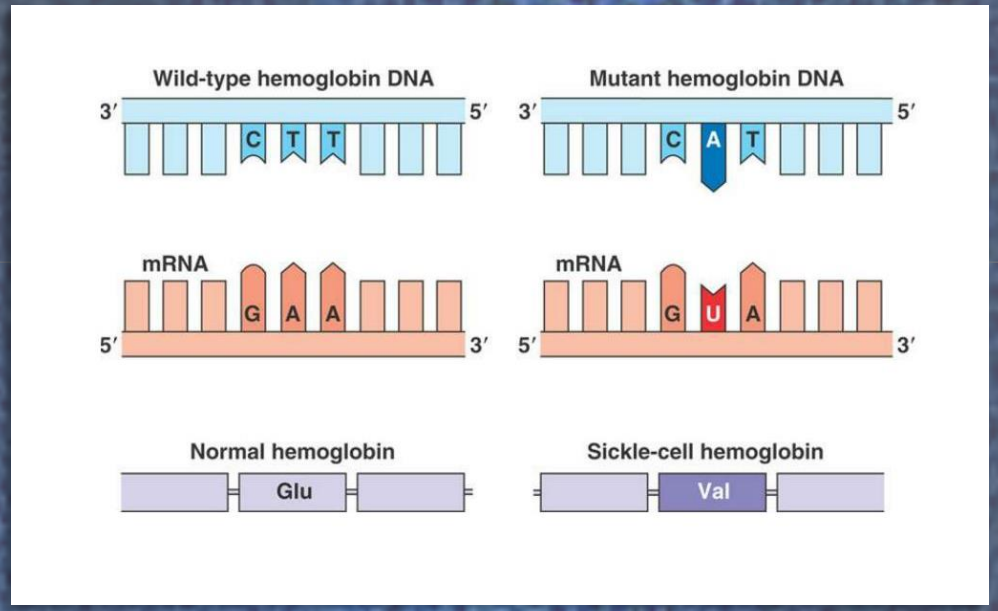


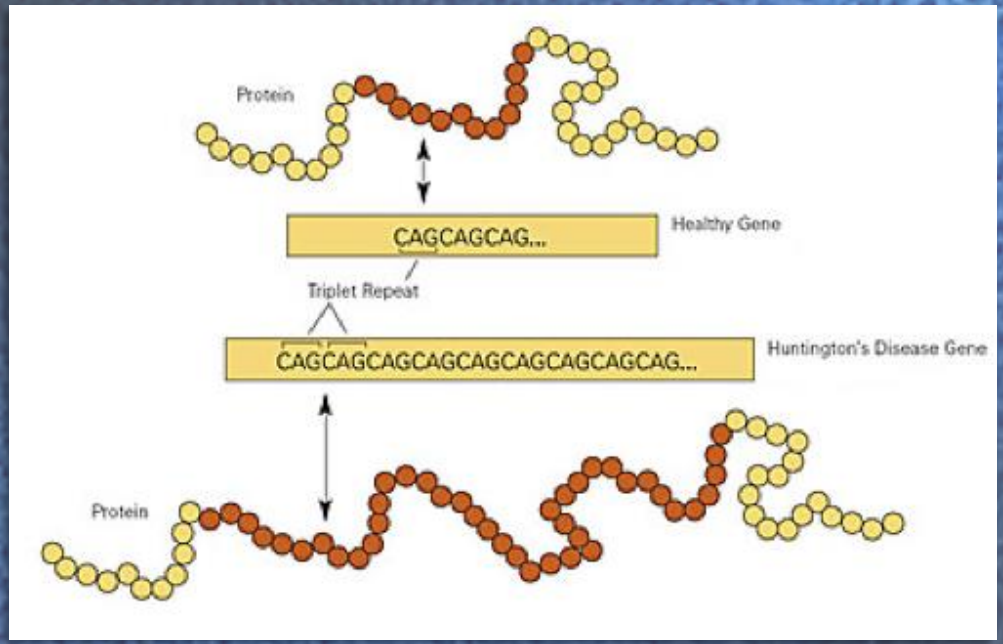

Affected father
Unaffected mother
Affected son
Unaffected daughter
Unaffected son
Affected daughter


carrier father
carrier mother
unaffected child
carrier child
carrier child
affected child

DNA




Wild-type hemoglobin DNA
3′
5′
C
T
T
Mutant hemoglobin DNA
3′
5′
C
A
T
mRNA
5′
3′
G
A
A
mRNA
5′
3′
G
U
A
Normal hemoglobin
Glu
Sickle-cell hemoglobin
Val


Protein
CAGCAGCAG...
Healthy Gene
Triplet Repeat
CAGCAGCAGCAGCAGCAGCAGCAG...
Huntington's Disease Gene
Protein

SCA

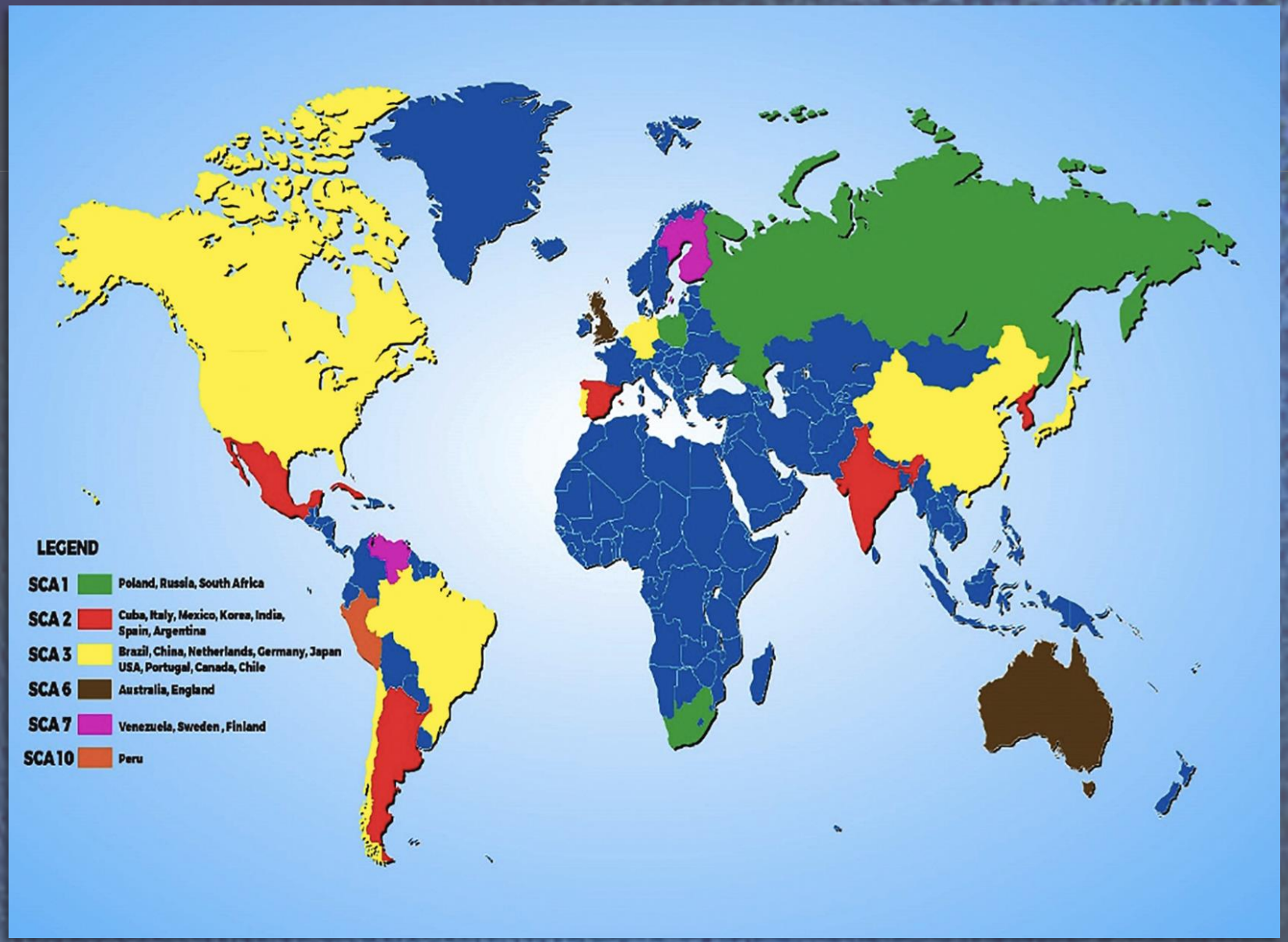
Repeat Expansies

Coderend	Niet-Coderend
SCA 1	SCA 8
SCA 2	SCA 10
SCA 3	SCA 12
SCA 6	SCA 31
SCA 7	SCA 36
SCA 17	SCA 37
DRPLA	
SCA 27b	
SCA 51	

Punt Mutaties

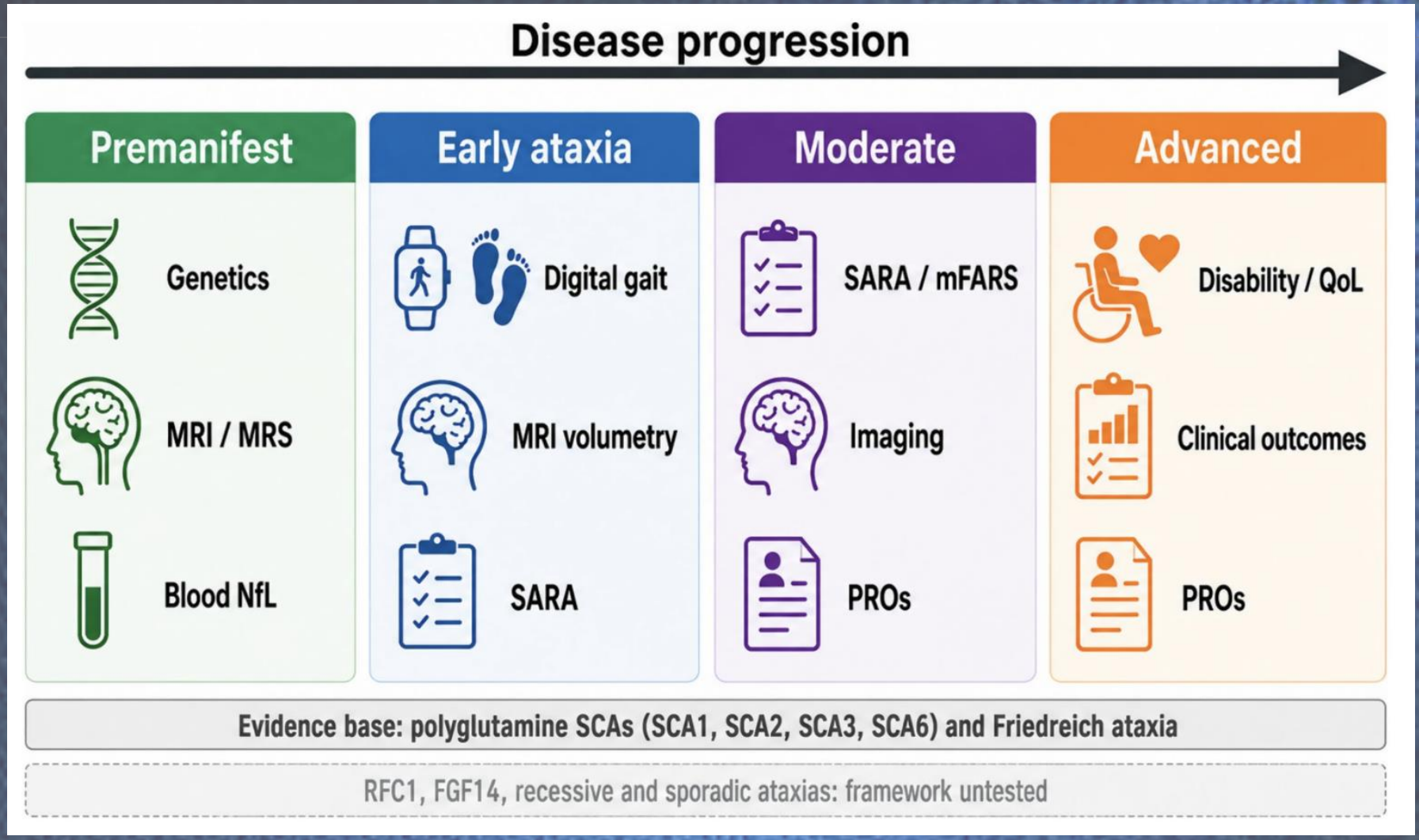
SCA 5	SCA 27a	SCA 45
SCA 11	SCA 28	SCA 46
SCA 13	SCA 29	SCA 47
SCA 14	SCA 34	SCA 48
SCA 15/16	SCA 35	SCA 49
SCA 18	SCA 38	SCA 50
SCA 19/22	SCA 40	SCA 52
SCA 23	SCA 41	
SCA 26	SCA 42	
SCA 27	SCA 43	

SCA

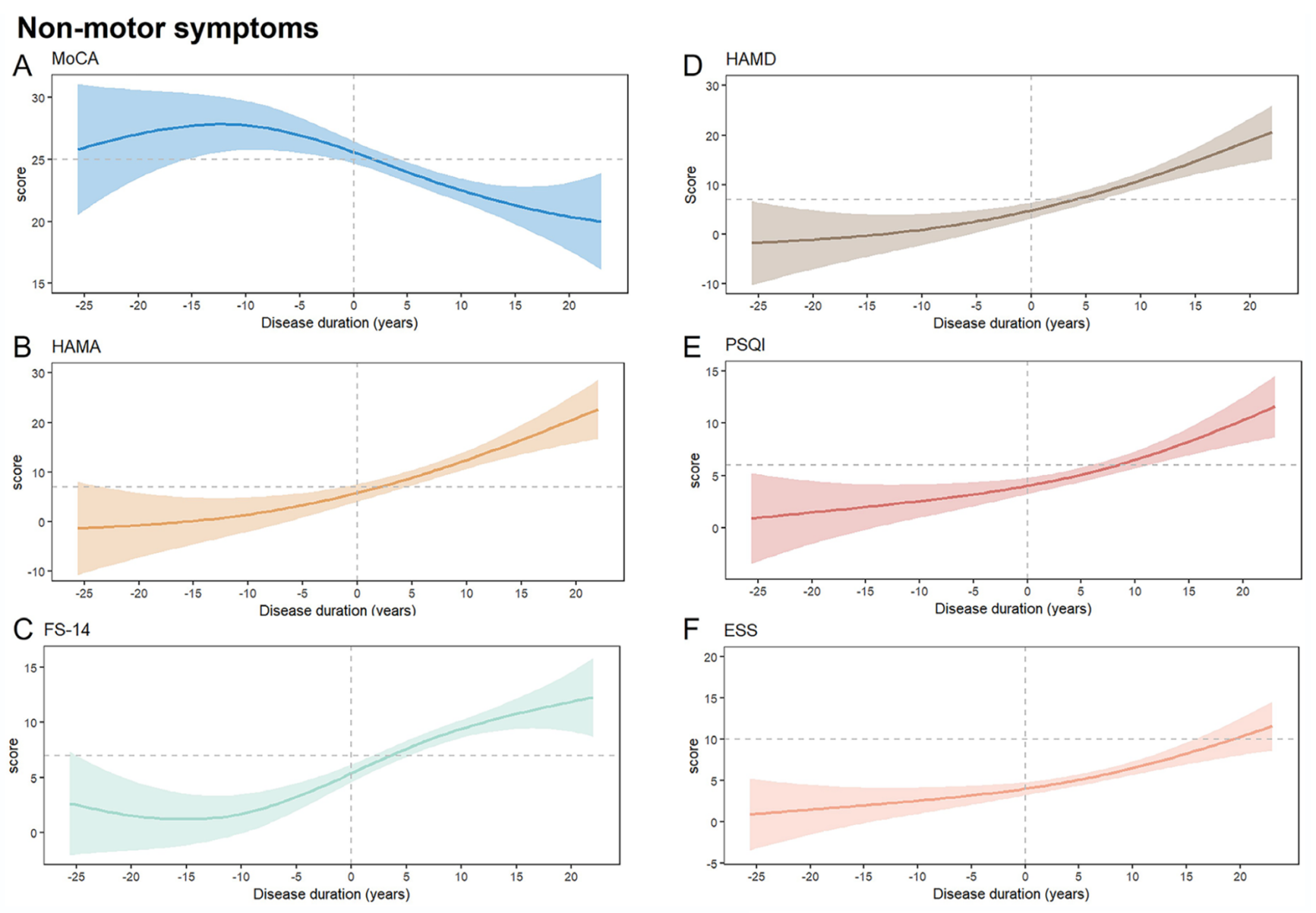


Journal of the Neurological Sciences 417 (2020) 117082

Beloop

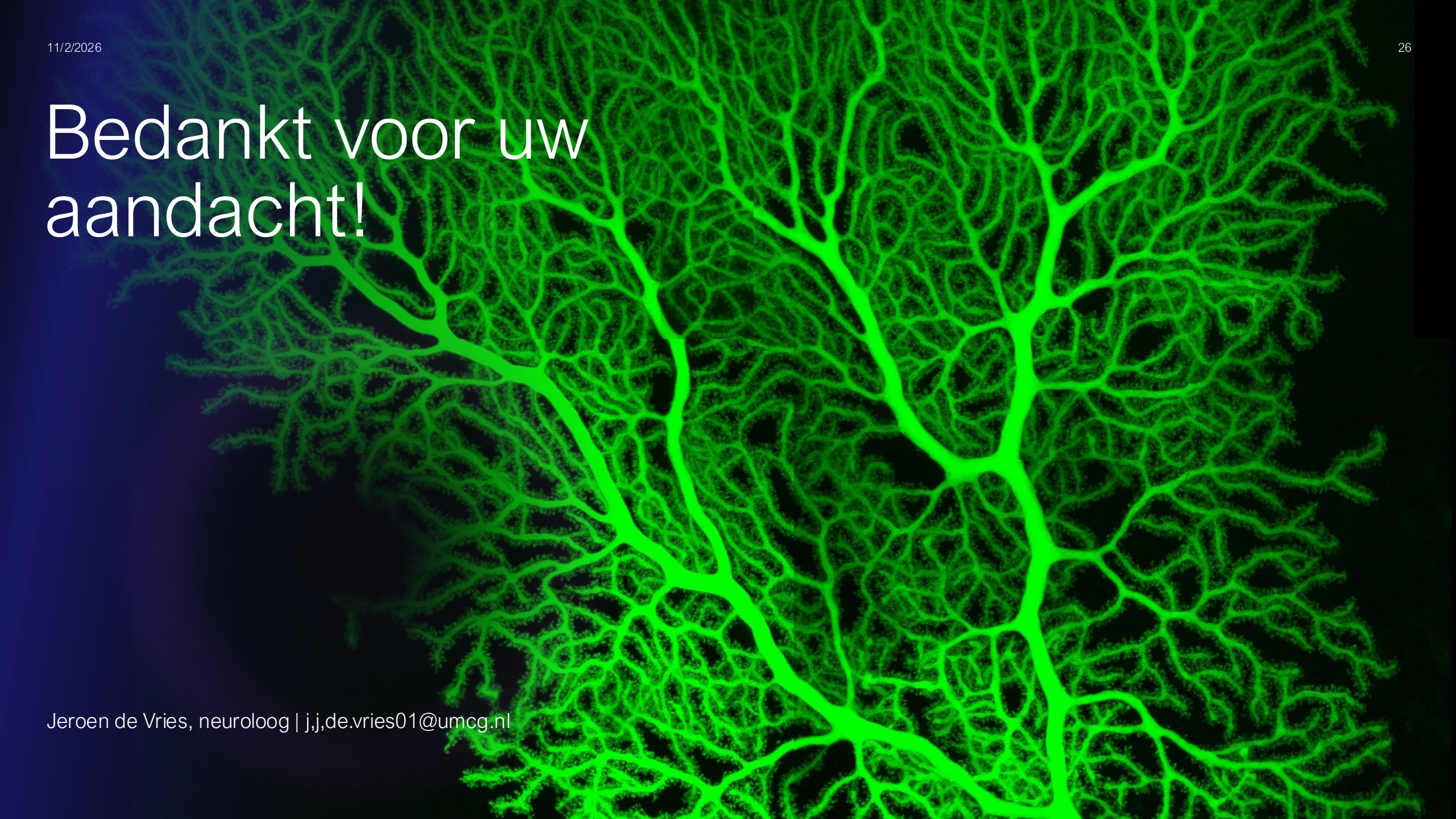


Front Neurology 2026



Annals of Clinical and Translational Neurology, 2026; 0:1–12

Bedankt voor uw aandacht!



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