

“I’m an illustrator  
and a medical doctor.  
I visualize science.”



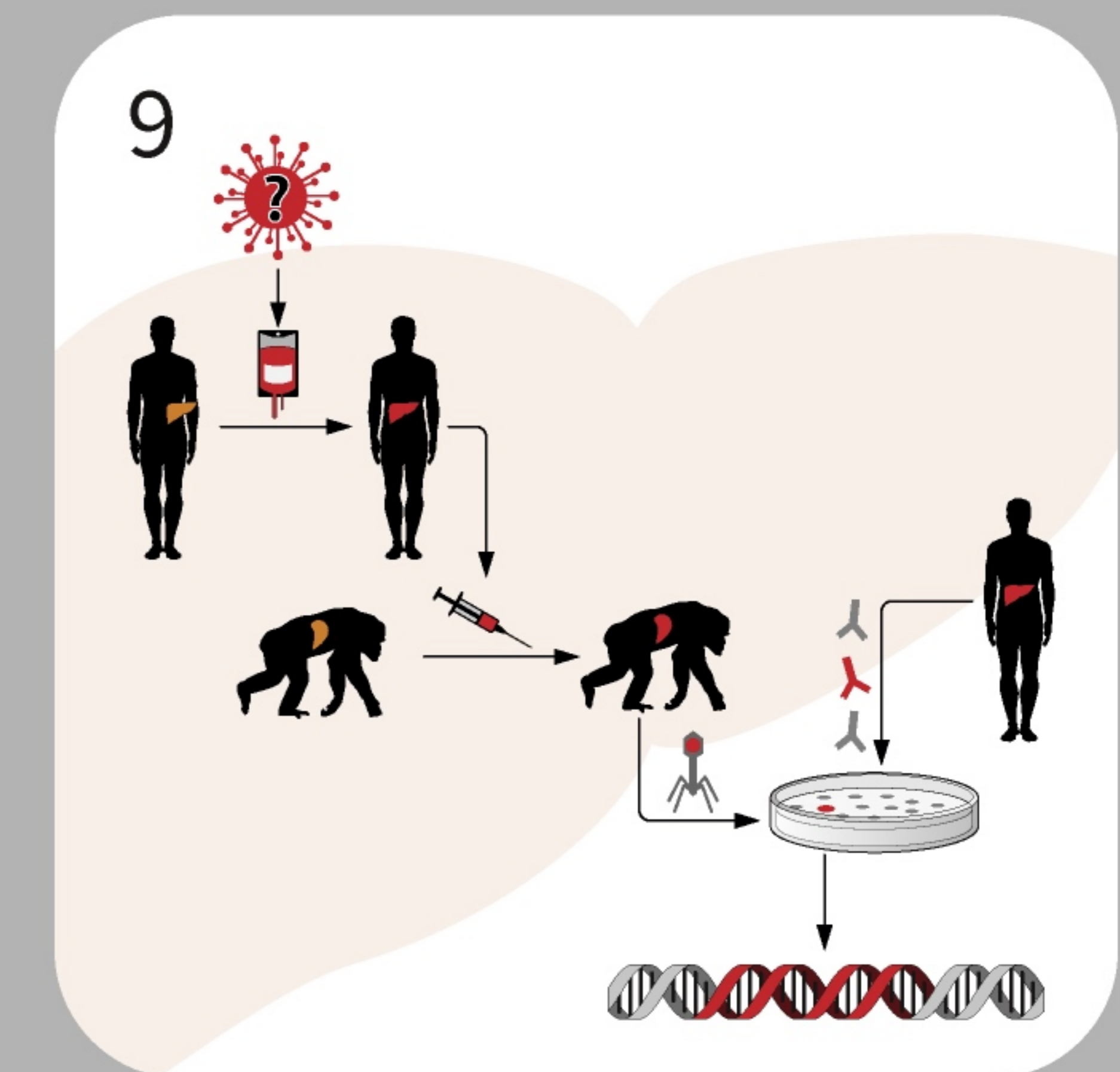
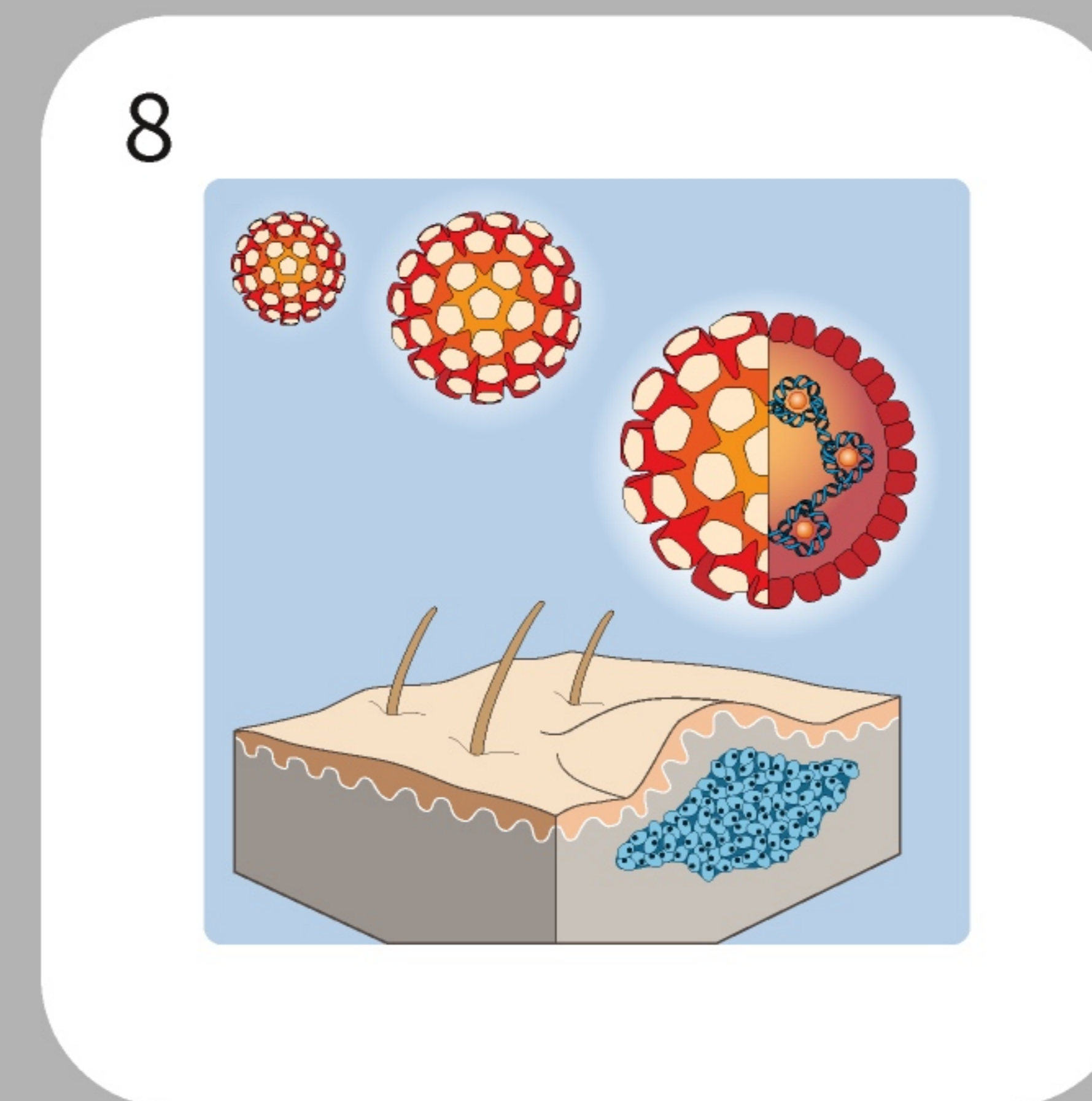
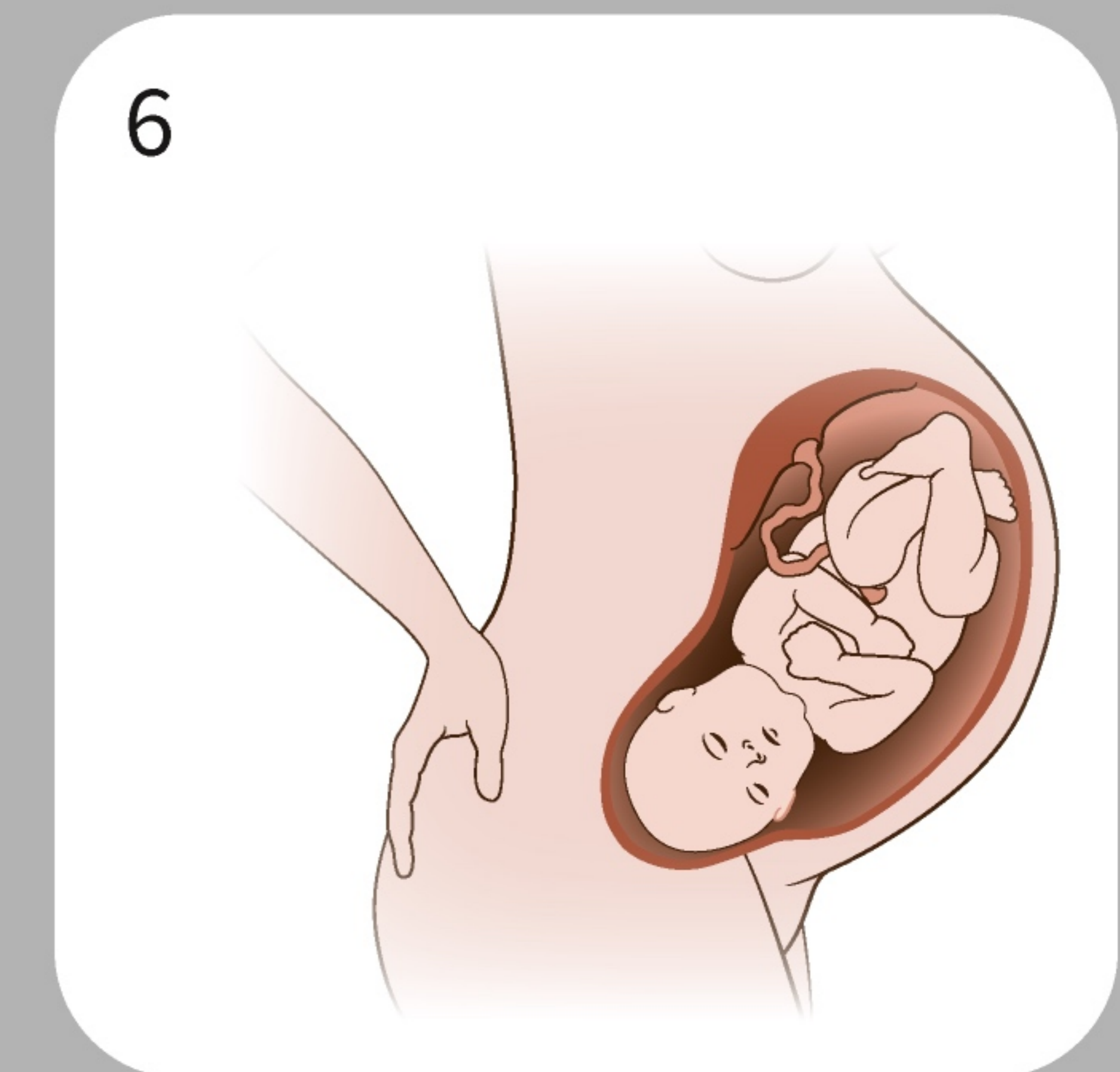
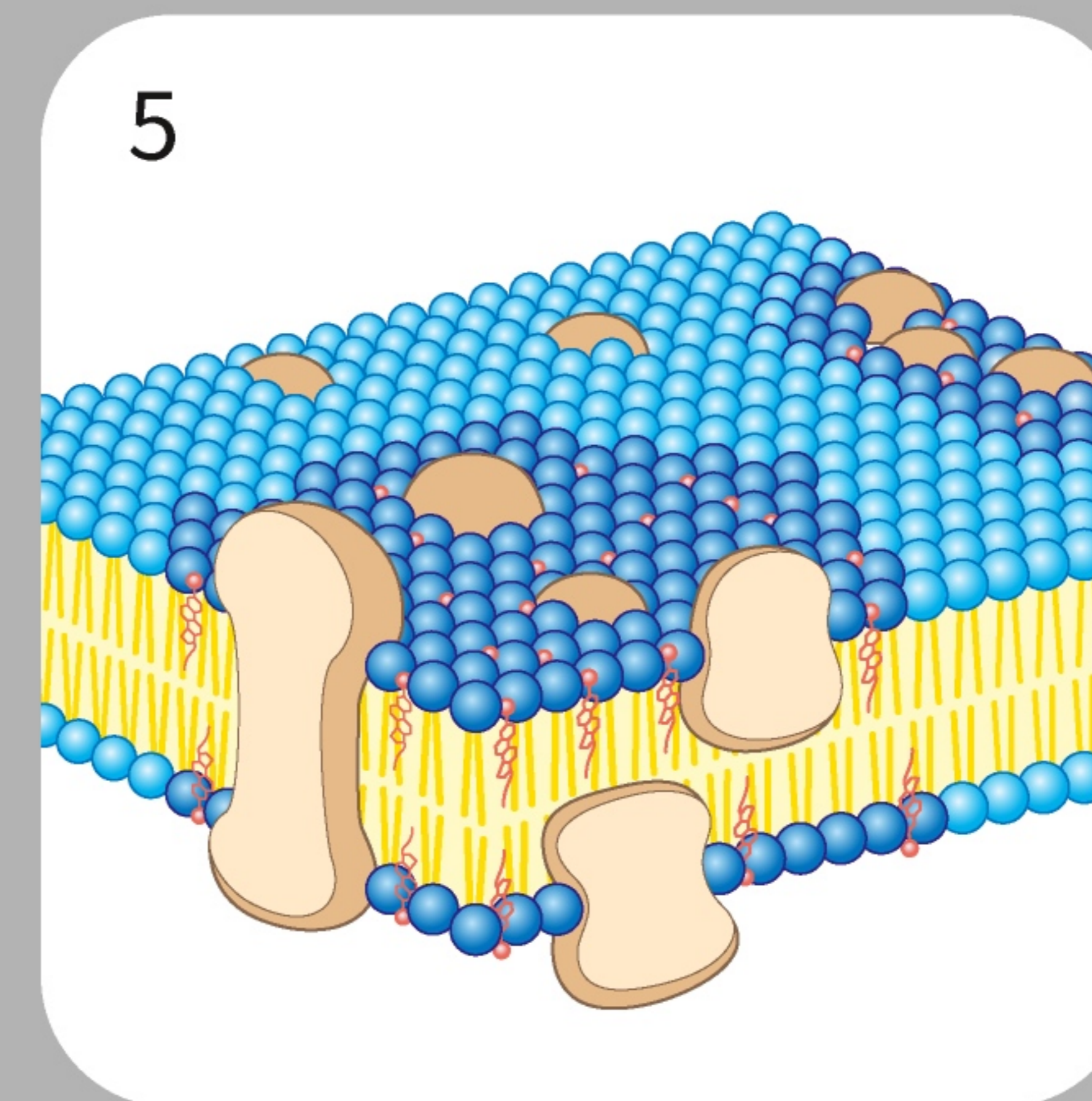
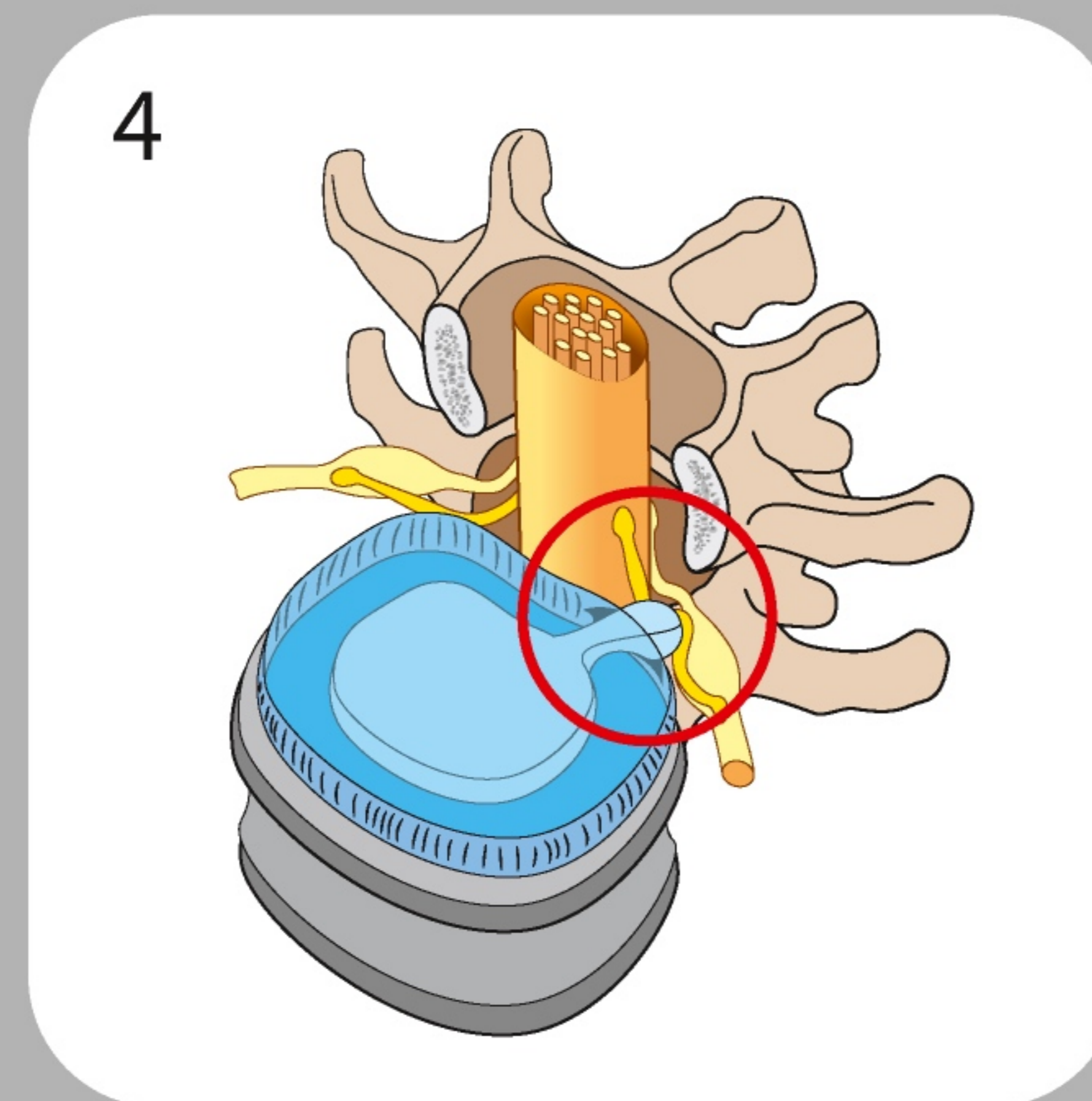
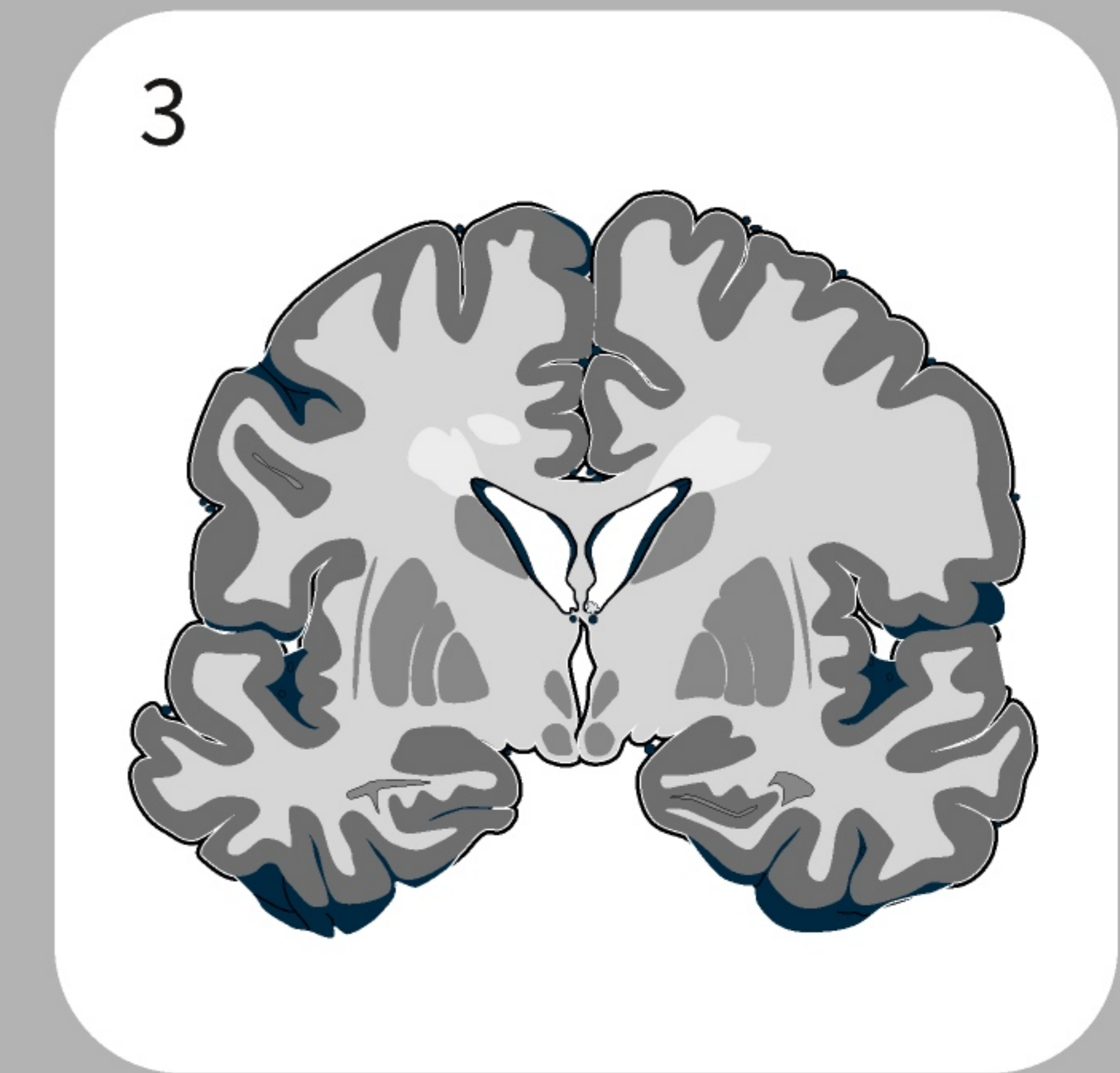
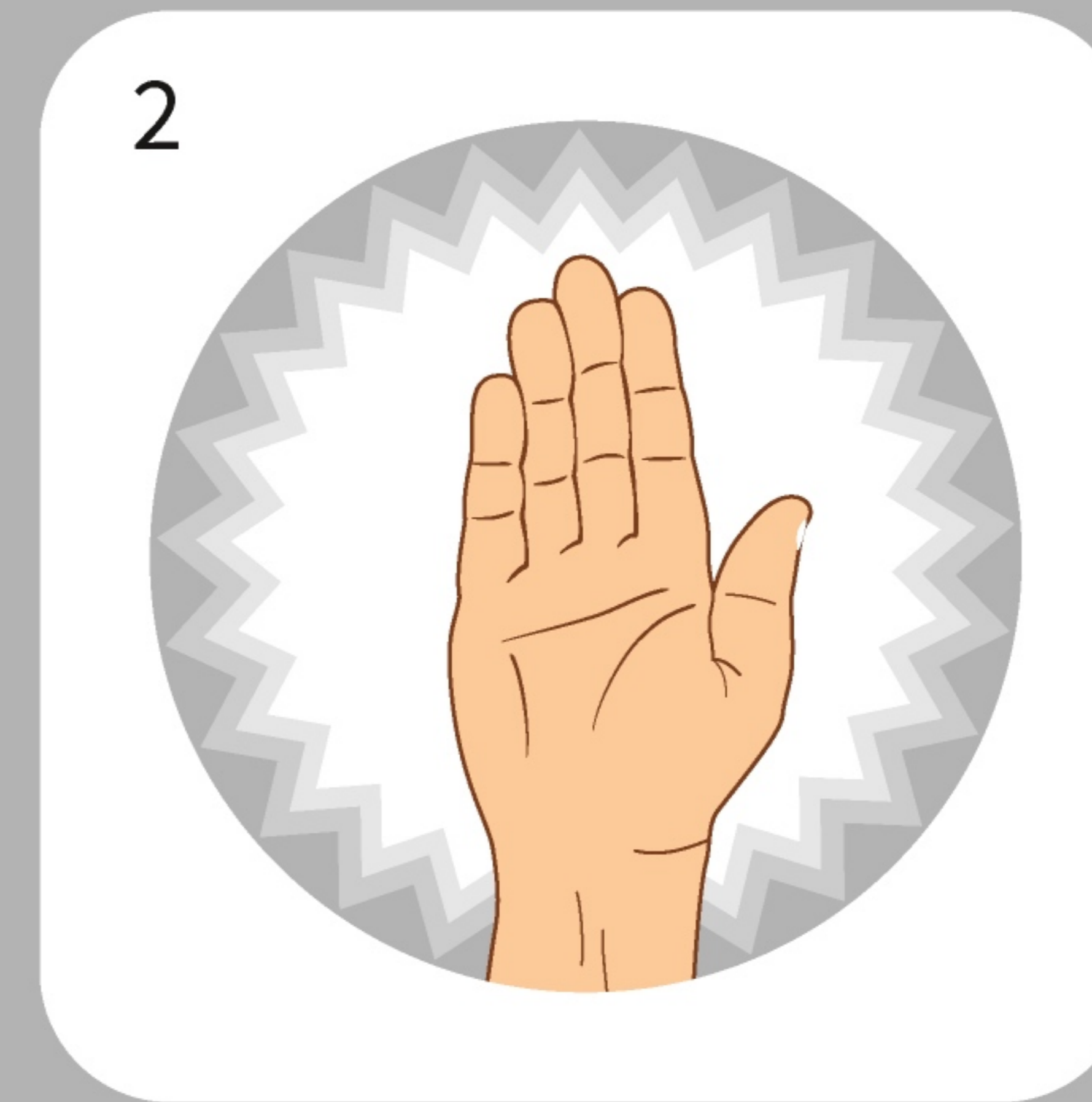
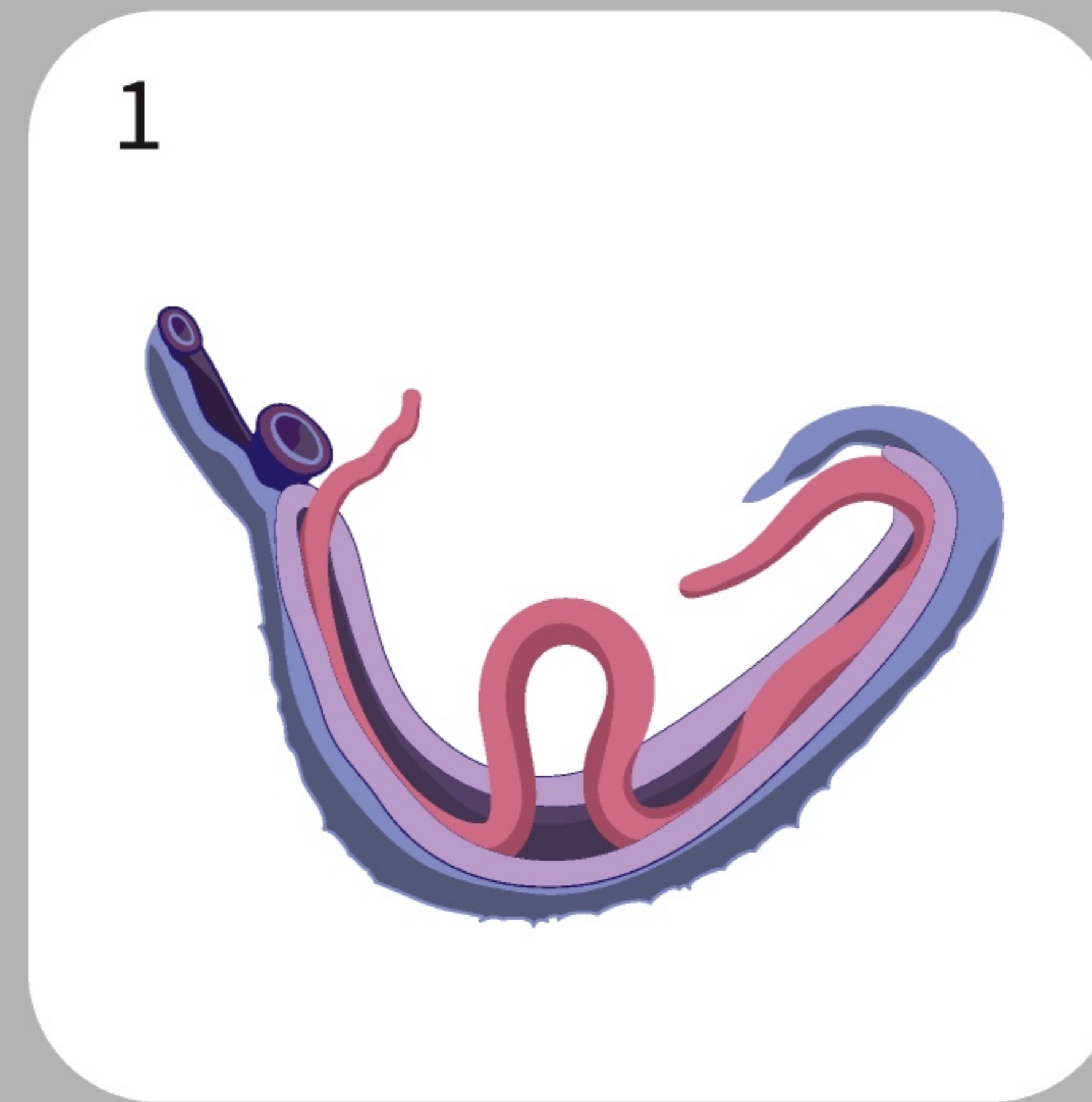
Dr. Guido Hegasy

Scientific Illustrator  
Medical Microbiologist

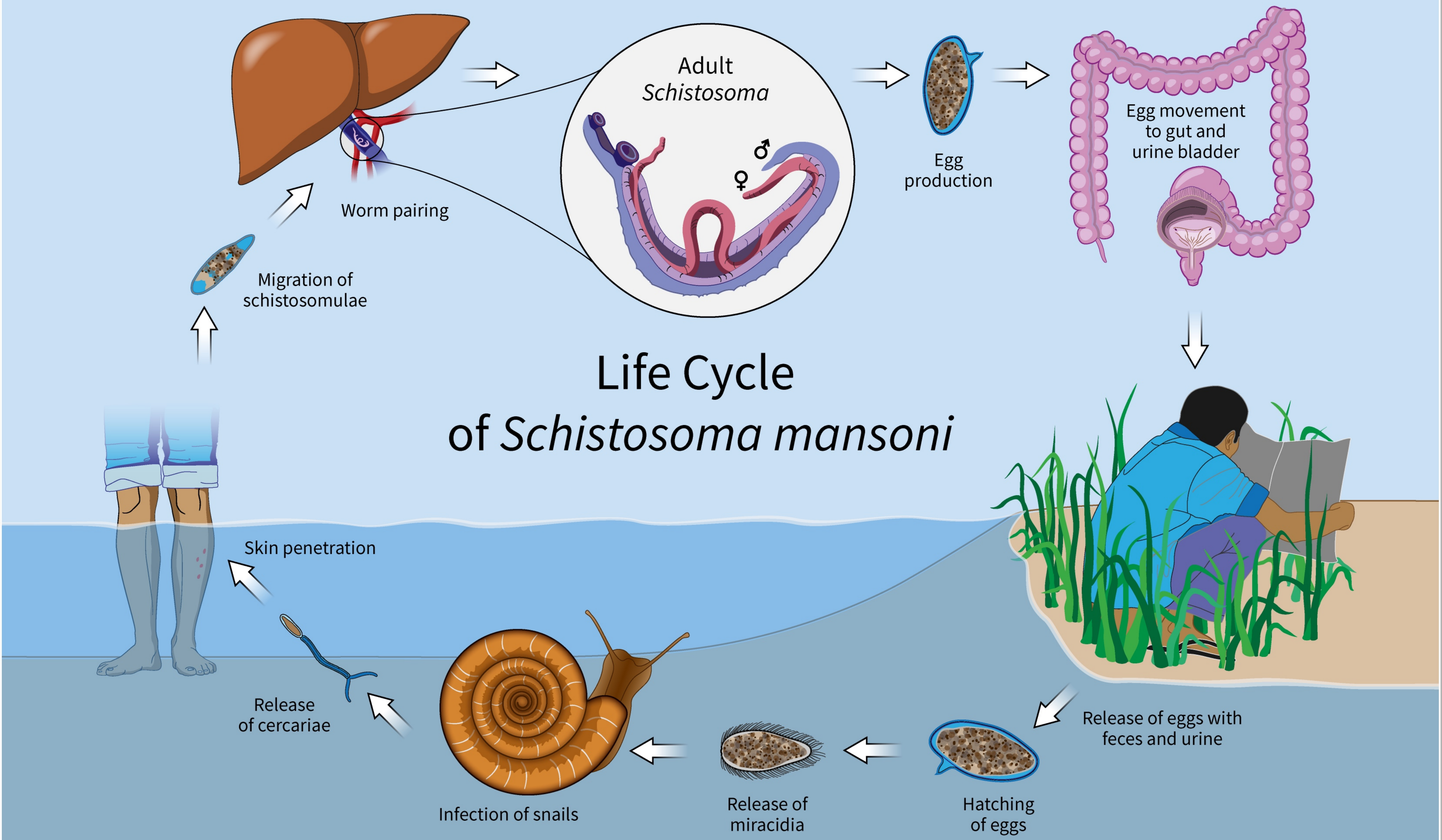
[www.hegasy.de](http://www.hegasy.de)

# Portfolio

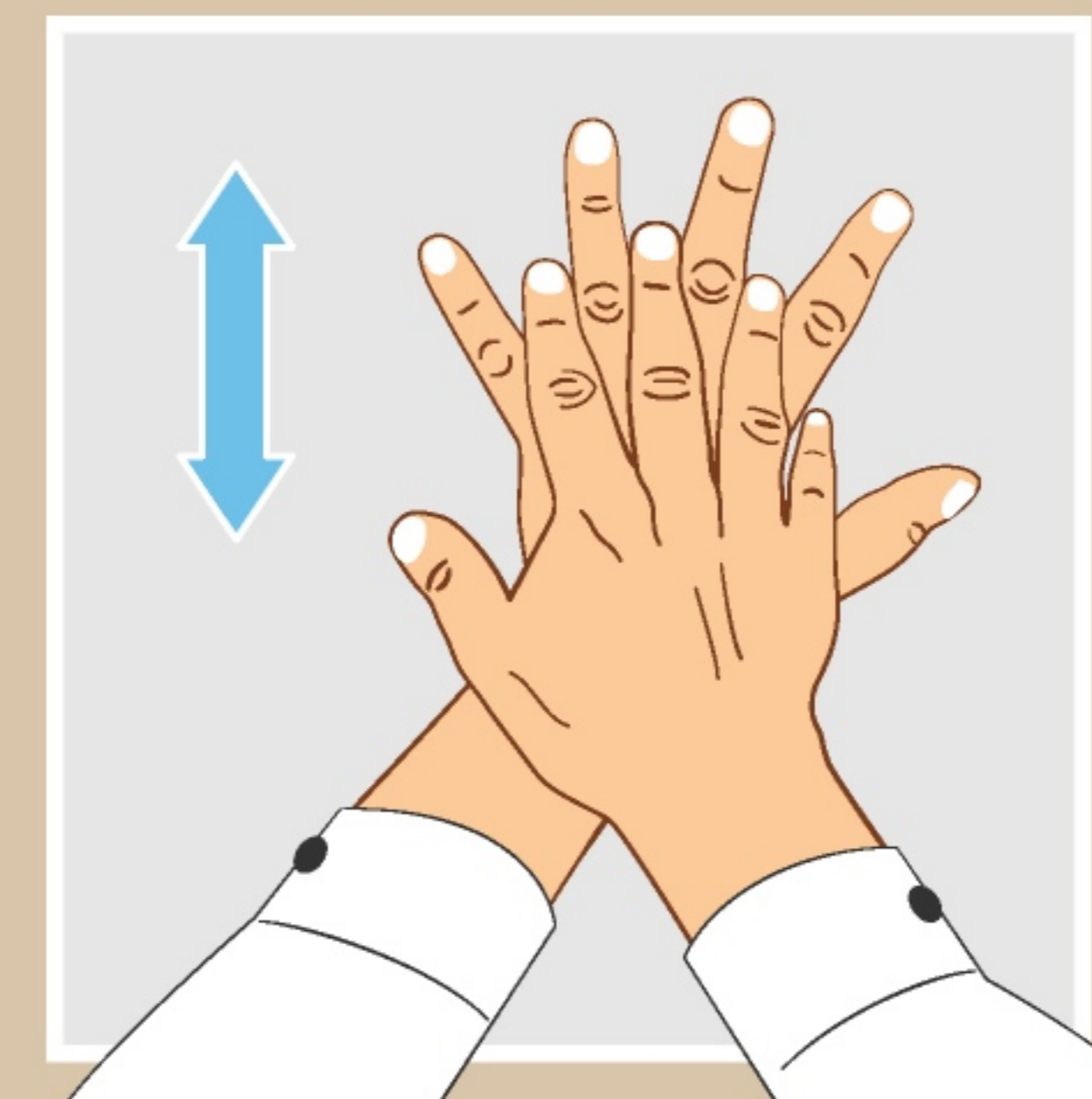
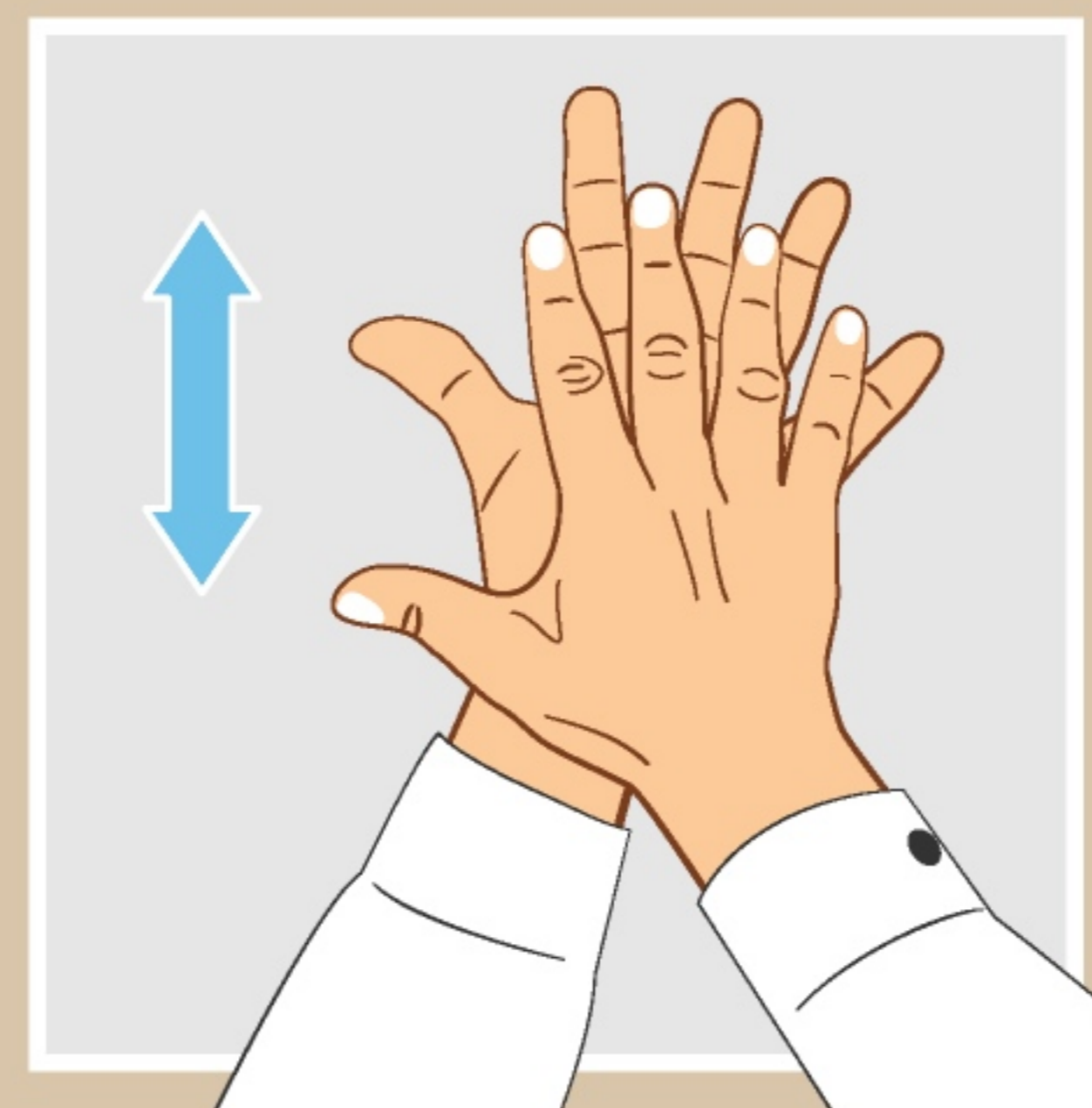
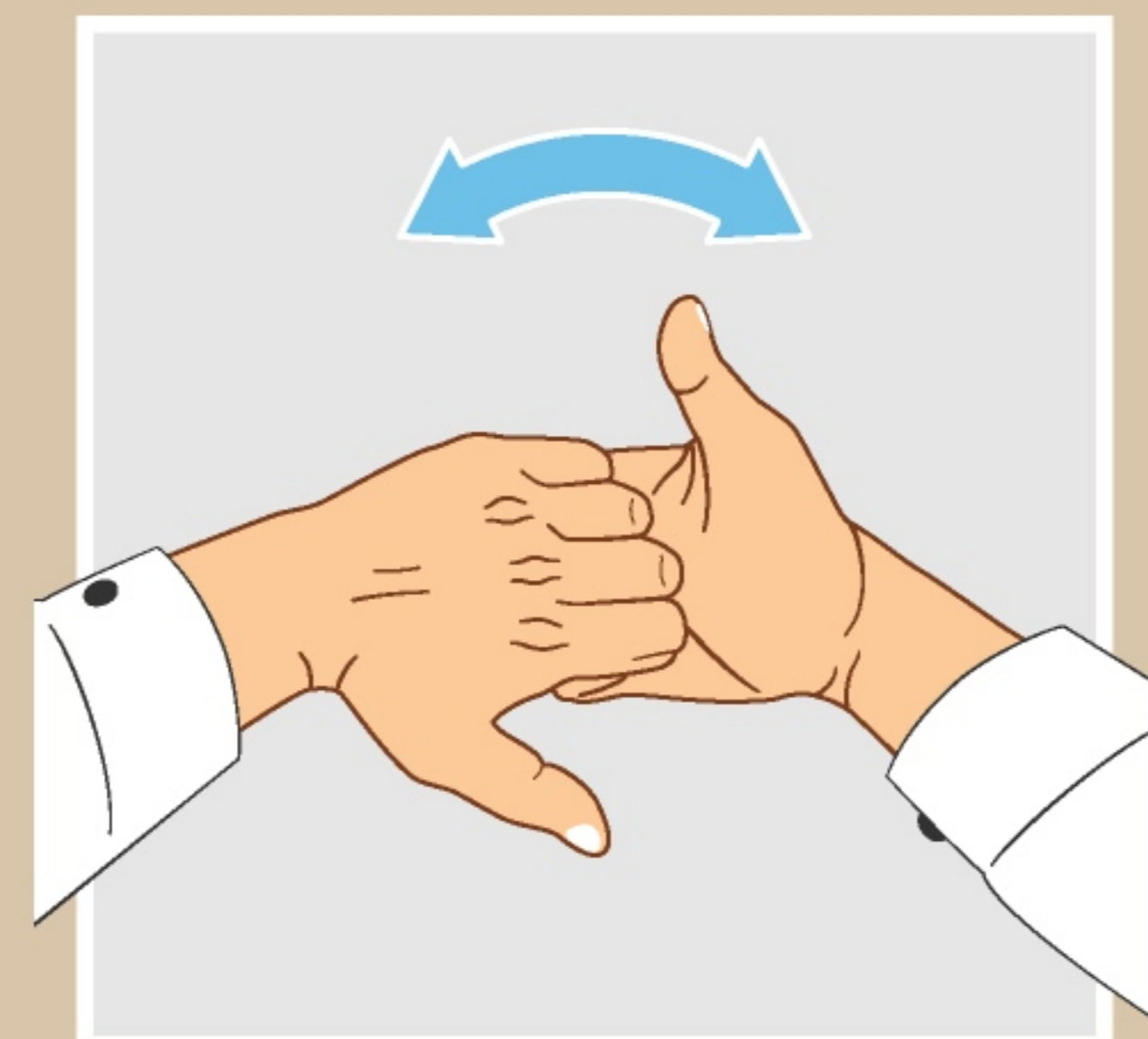
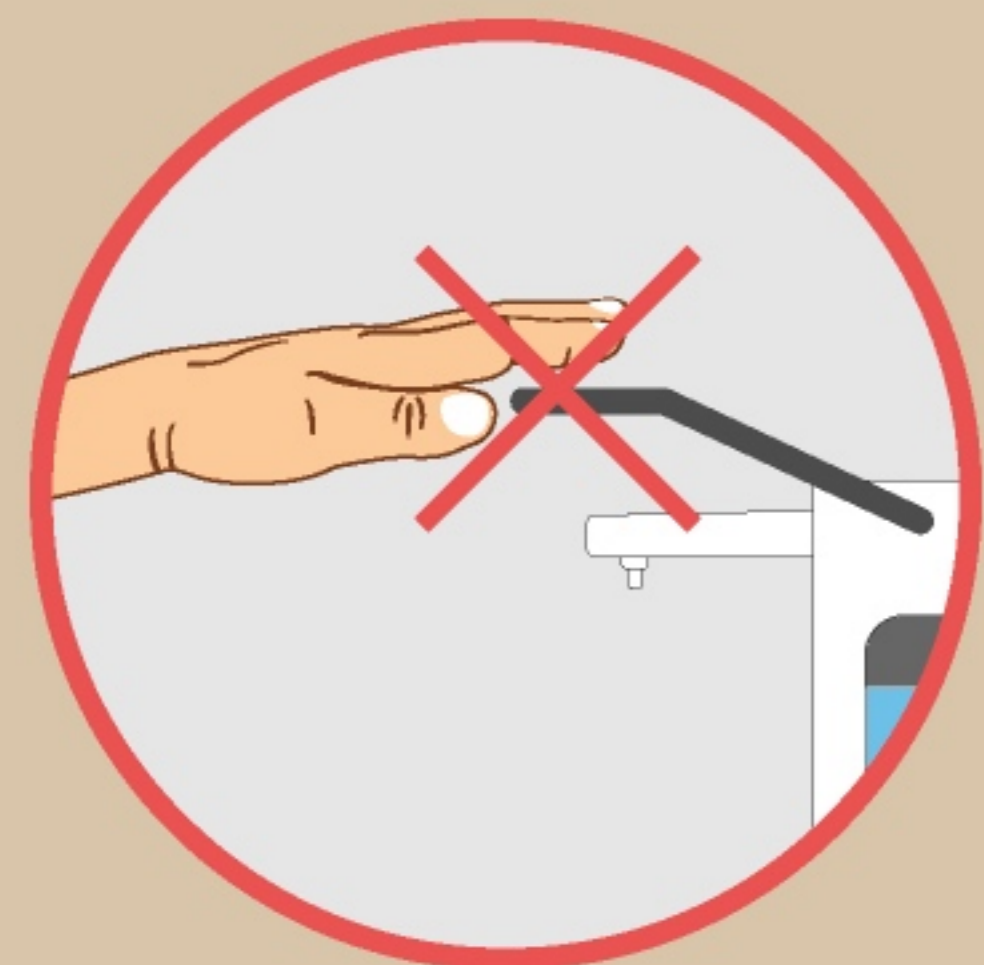
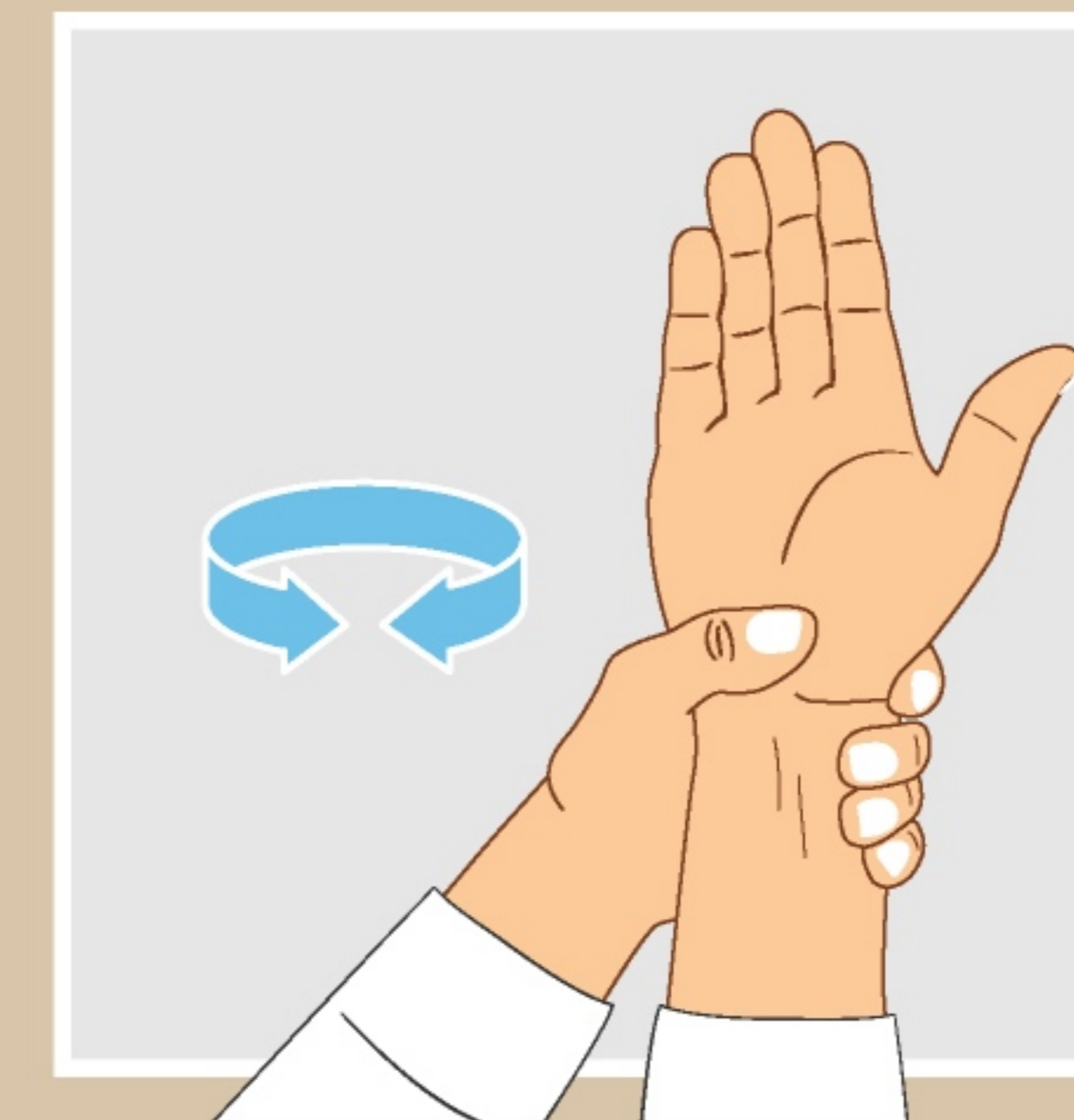
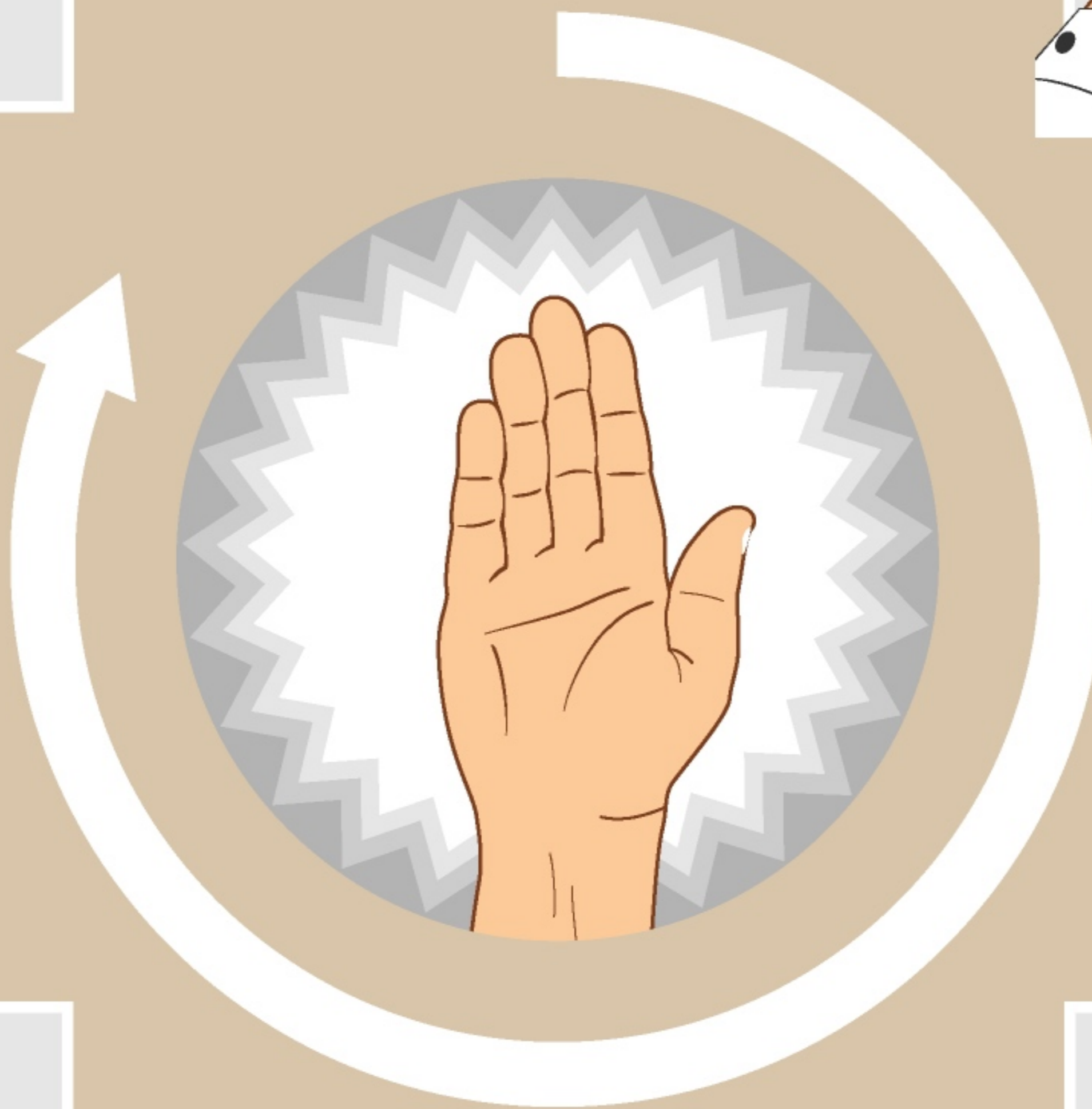
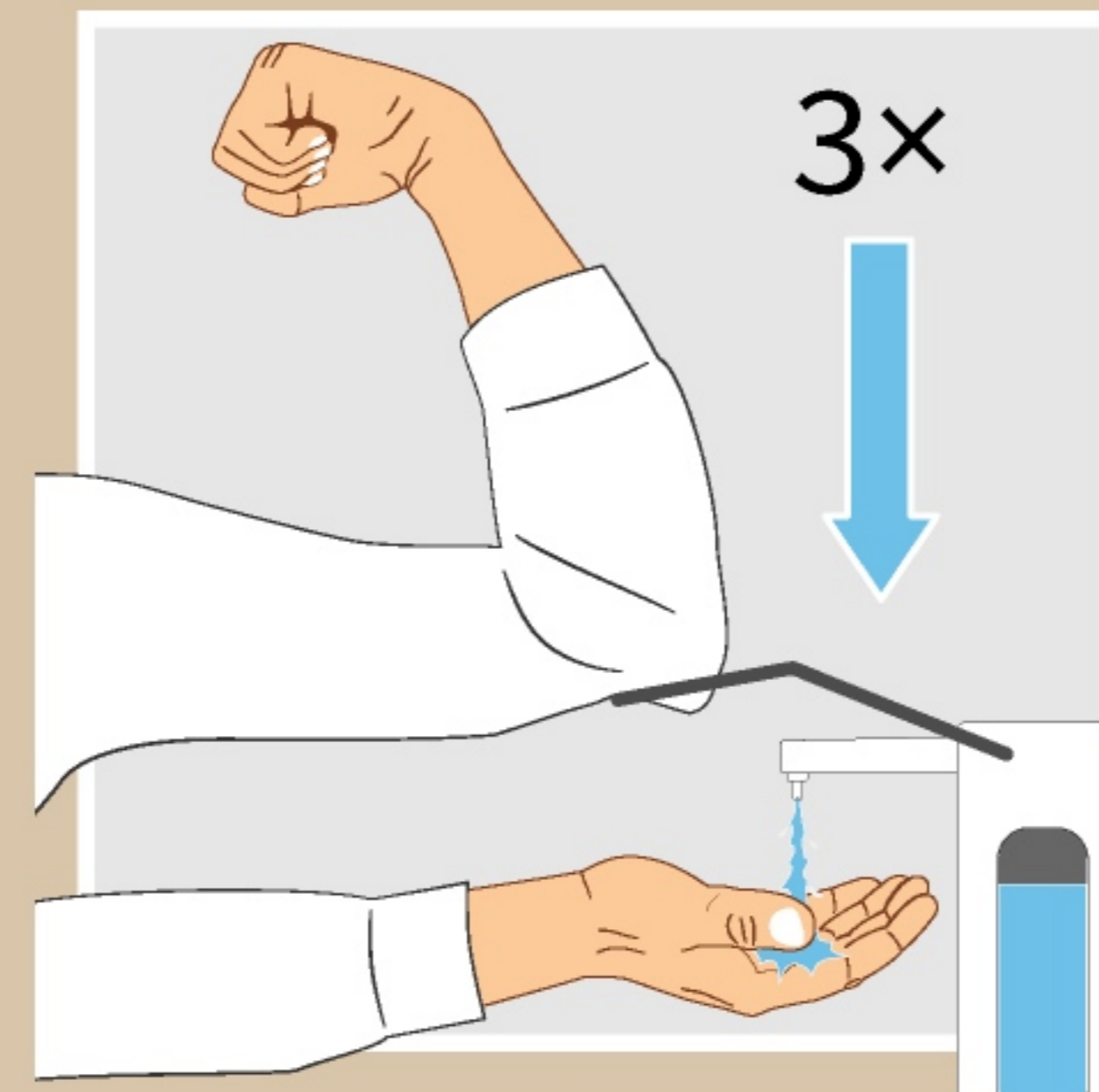
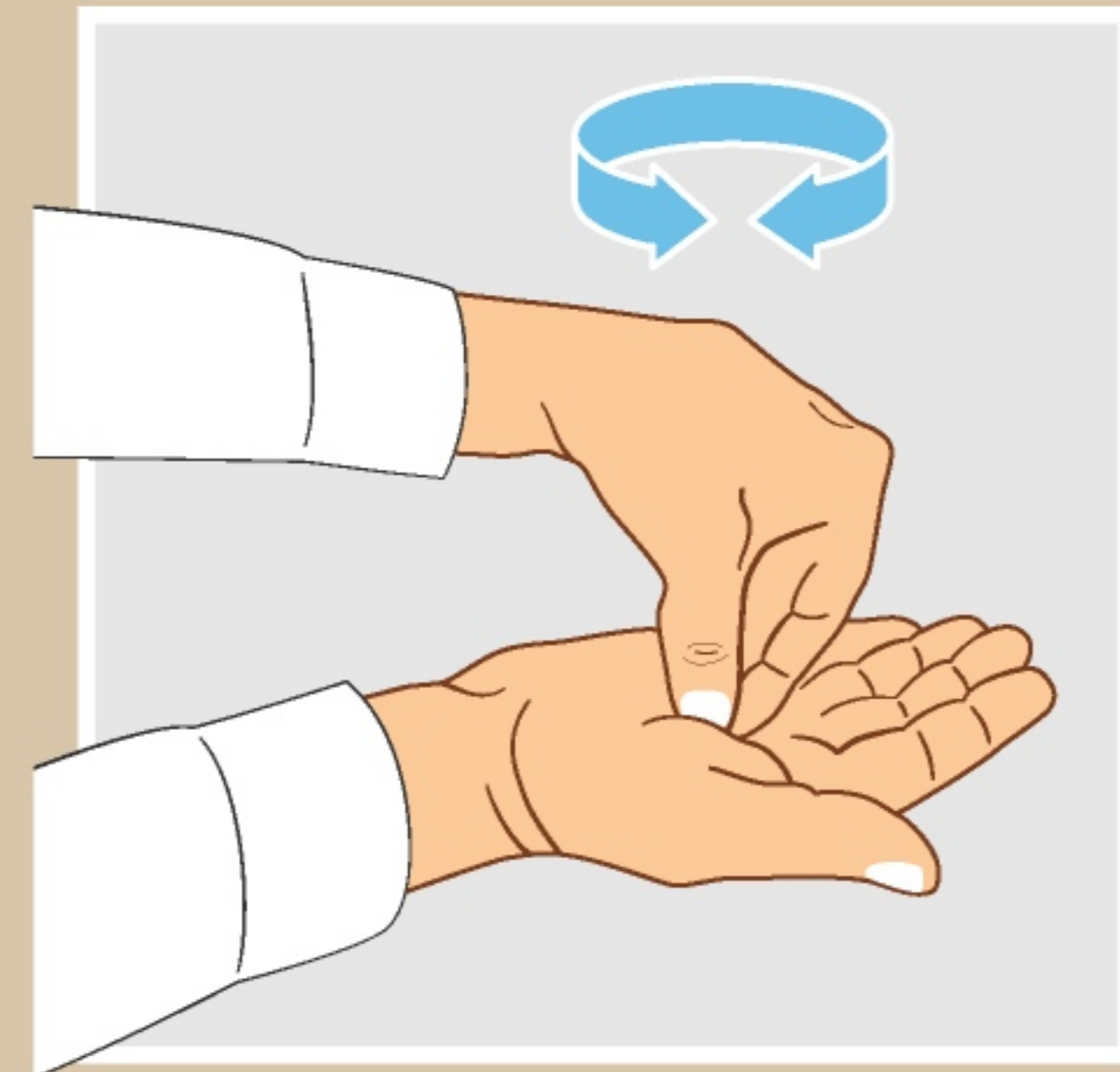
- 1 Schematics (Schistosomiasis)
- 2 Schematics (Hand Disinfection)
- 3 Infographics (Multiple Sclerosis)
- 4 Text Books (Neurobiology)
- 5 Text Books (Cell Biology)
- 6 Print Publication
- 7 Logo Design
- 8 Grant Proposal
- 9 Journal Cover

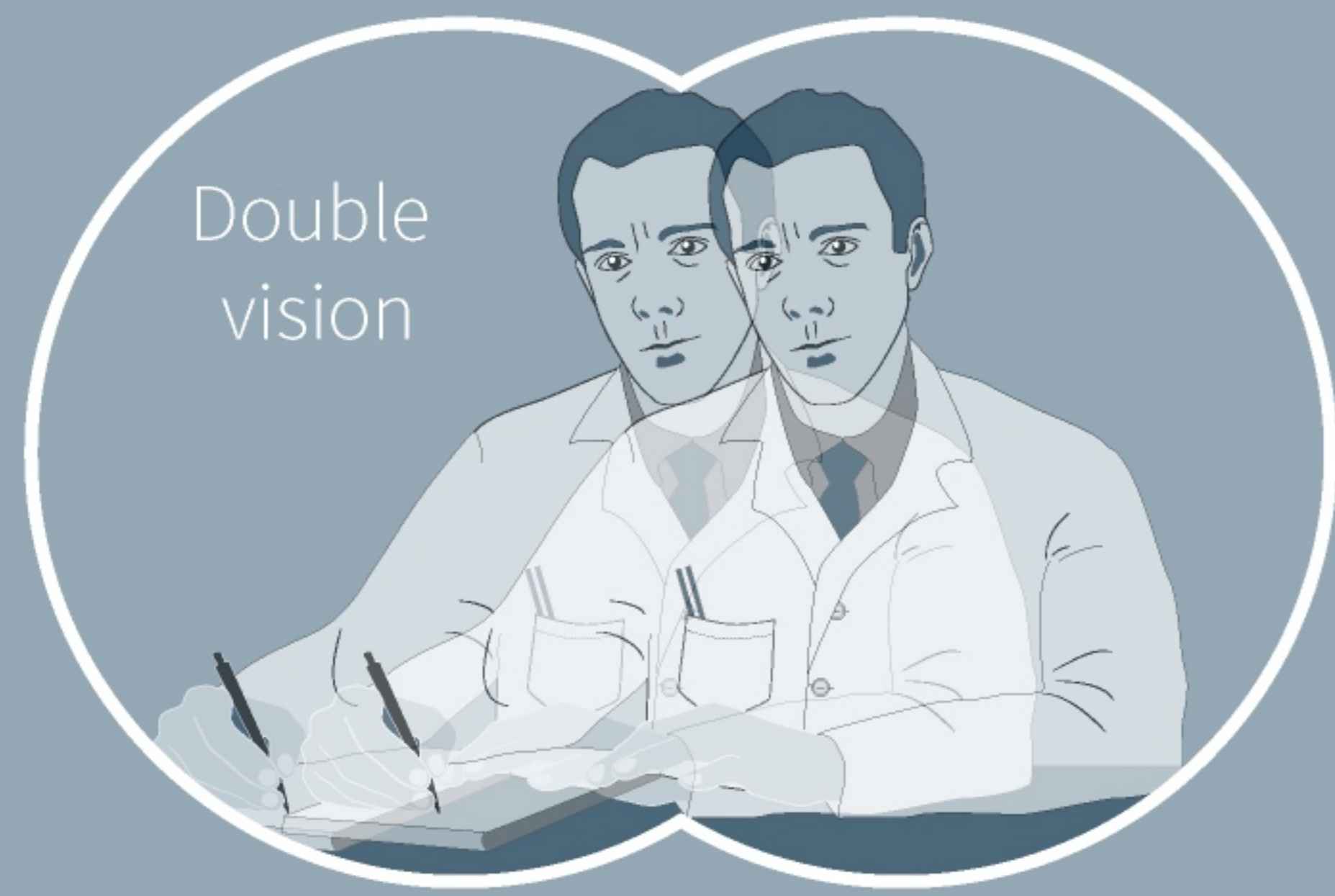


# Life Cycle of *Schistosoma mansoni*



# Hand Disinfektion





Double vision



Intention tremor



Internuclear ophthalmoplegia



Periventricular white matter lesions

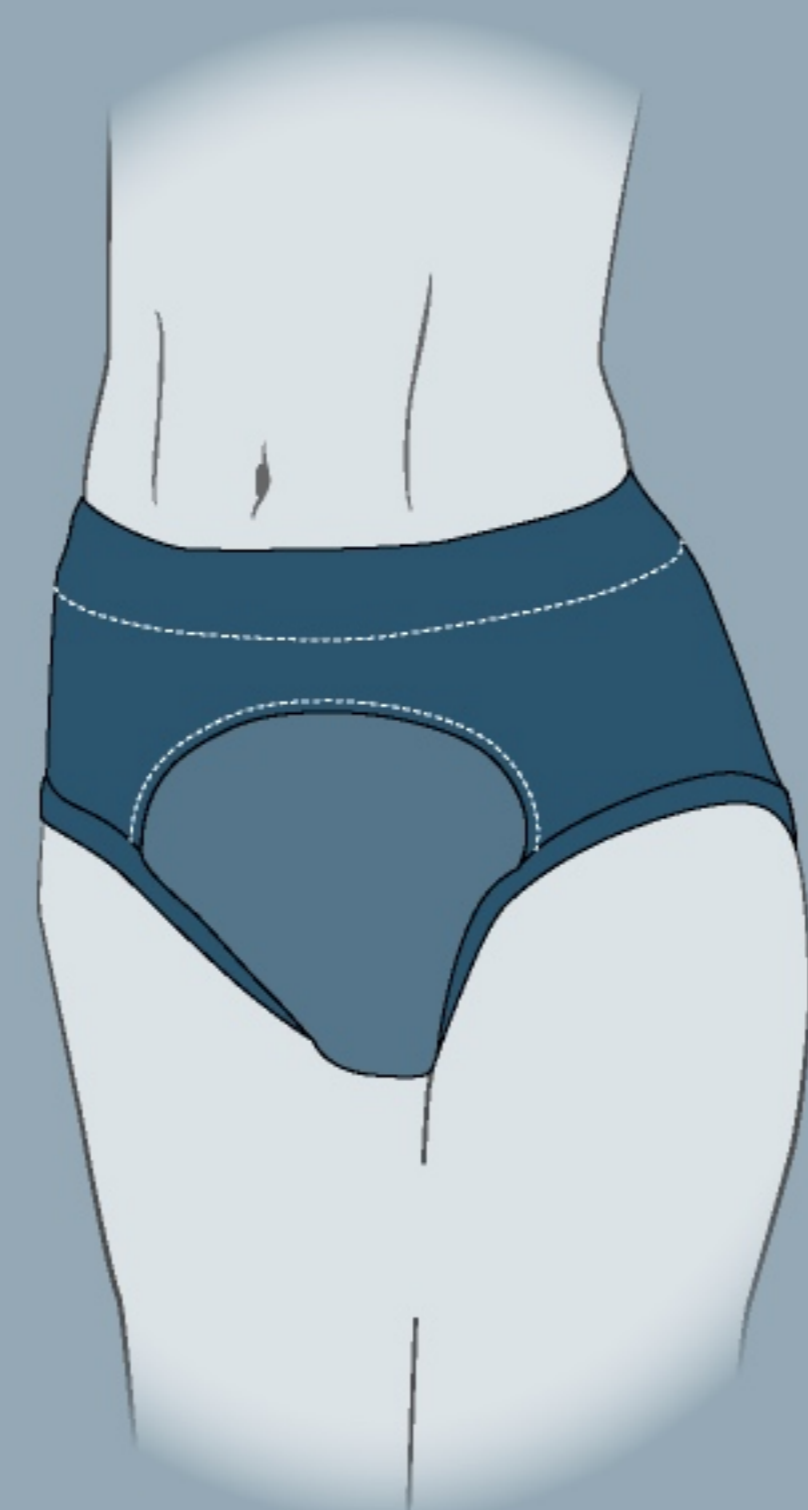


Blurred vision

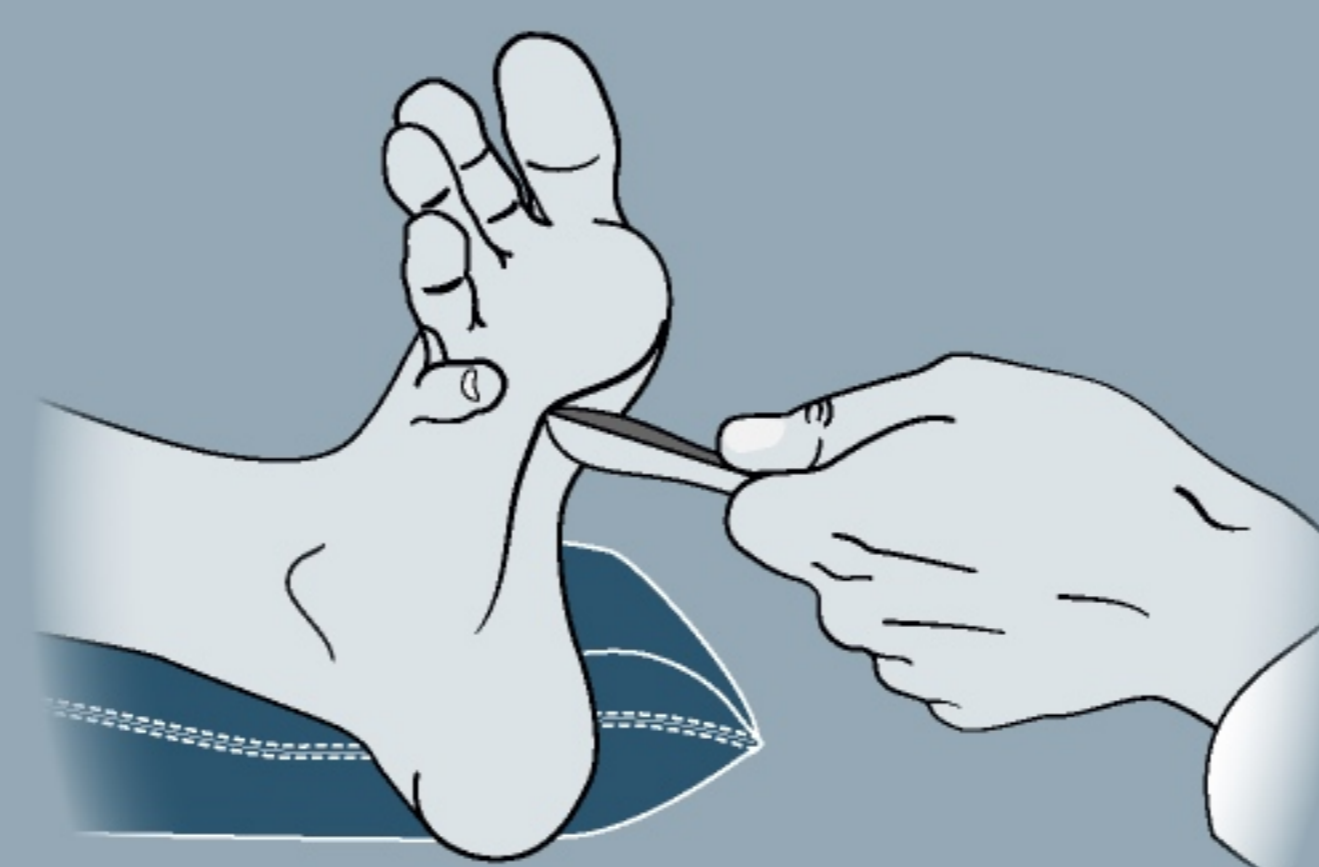
## Symptoms and Findings in Multiple Sclerosis



Single-sided vision loss



Incontinence

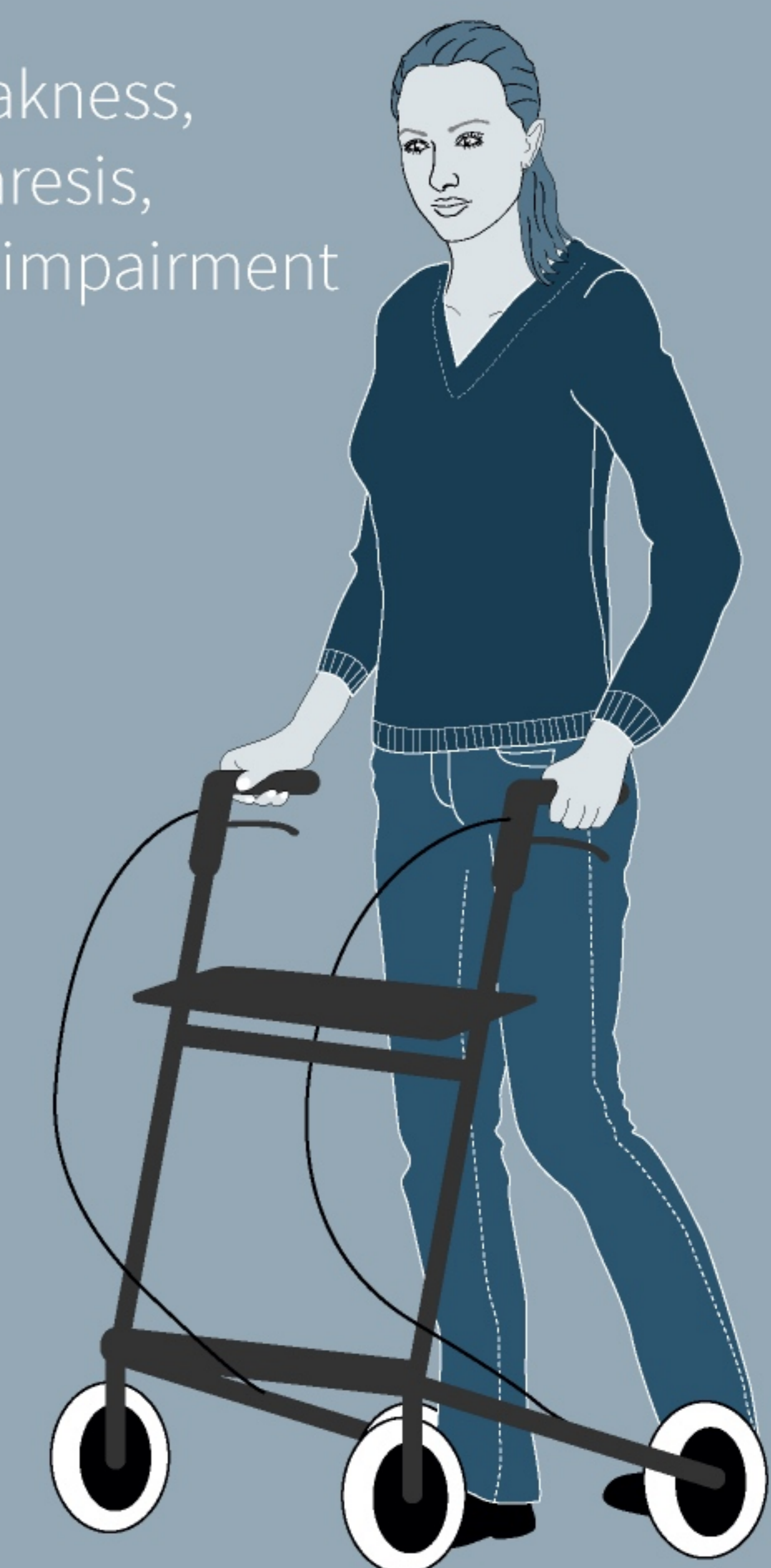


Babinski sign

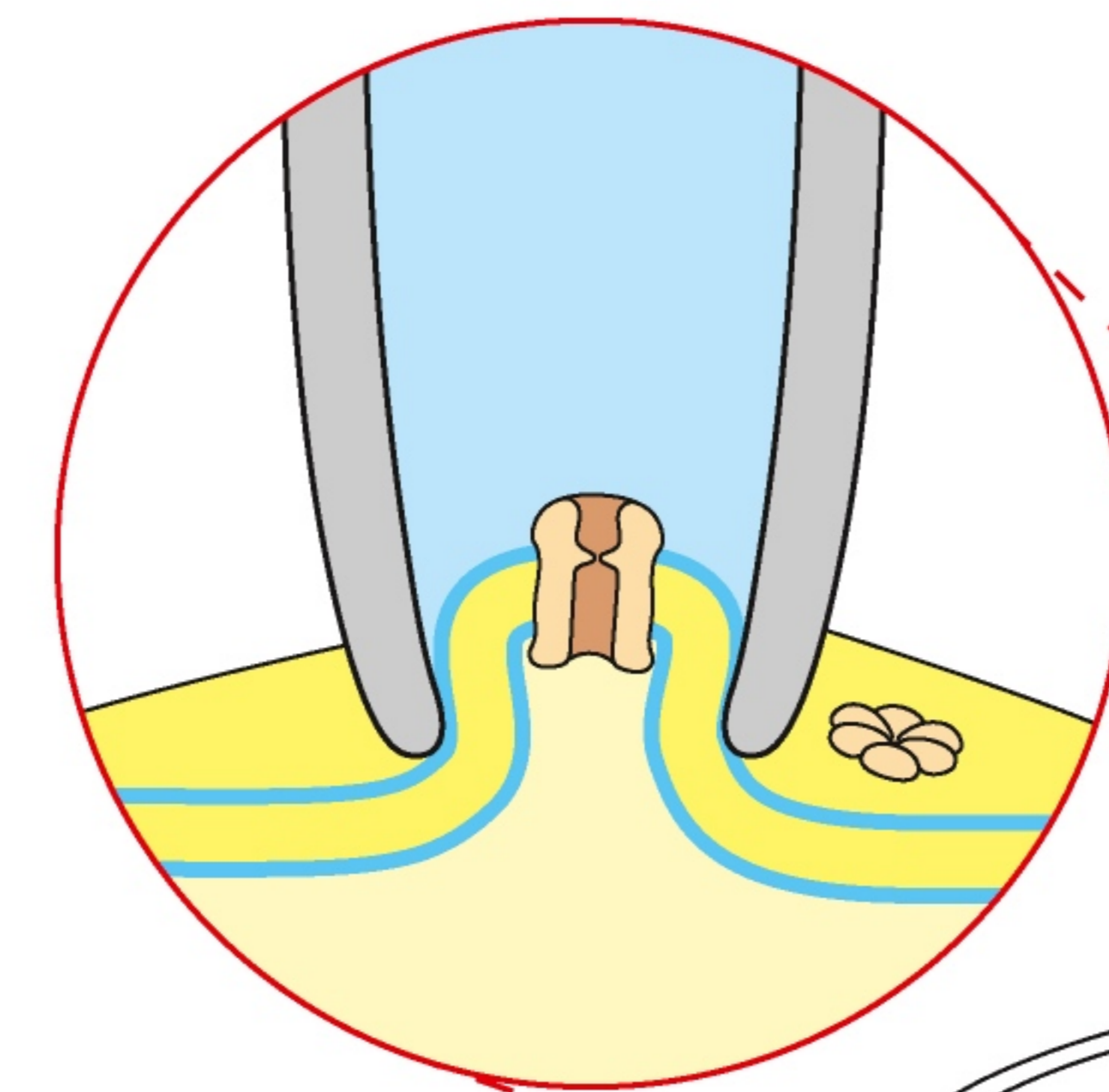
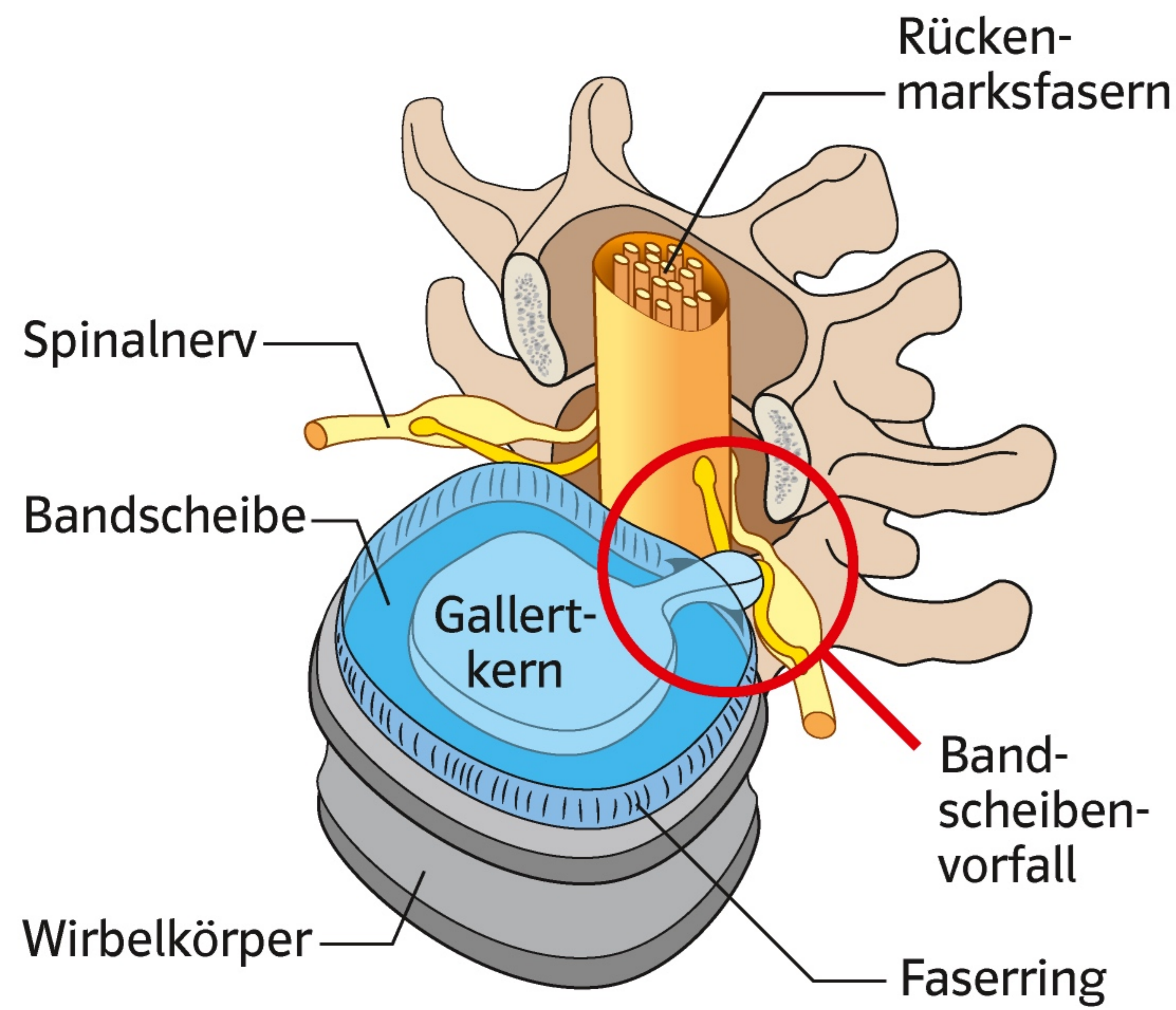


Spasms

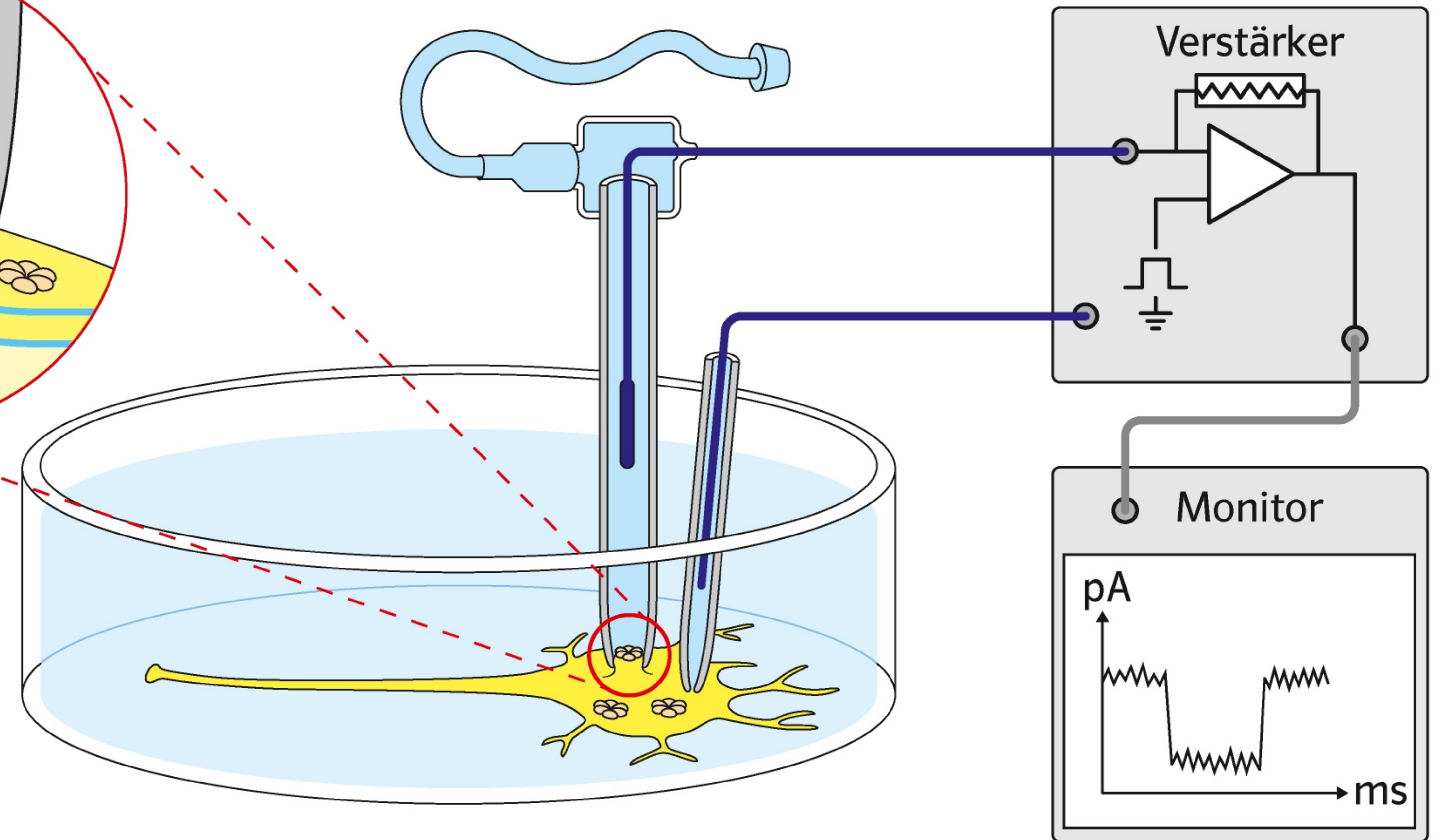
Weakness, paresis, walking impairment



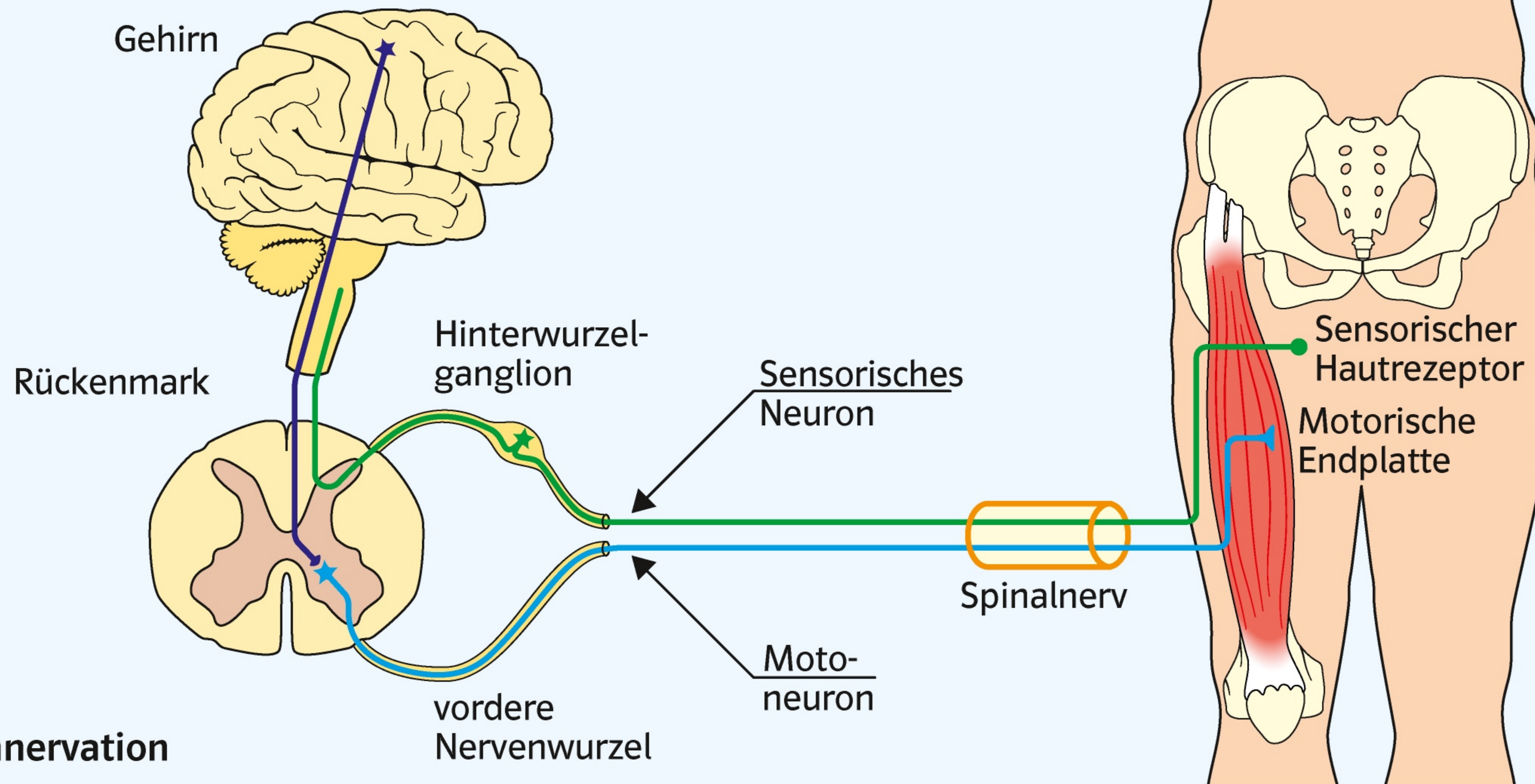
### Bandscheibenvorfall



### Patch Clamp

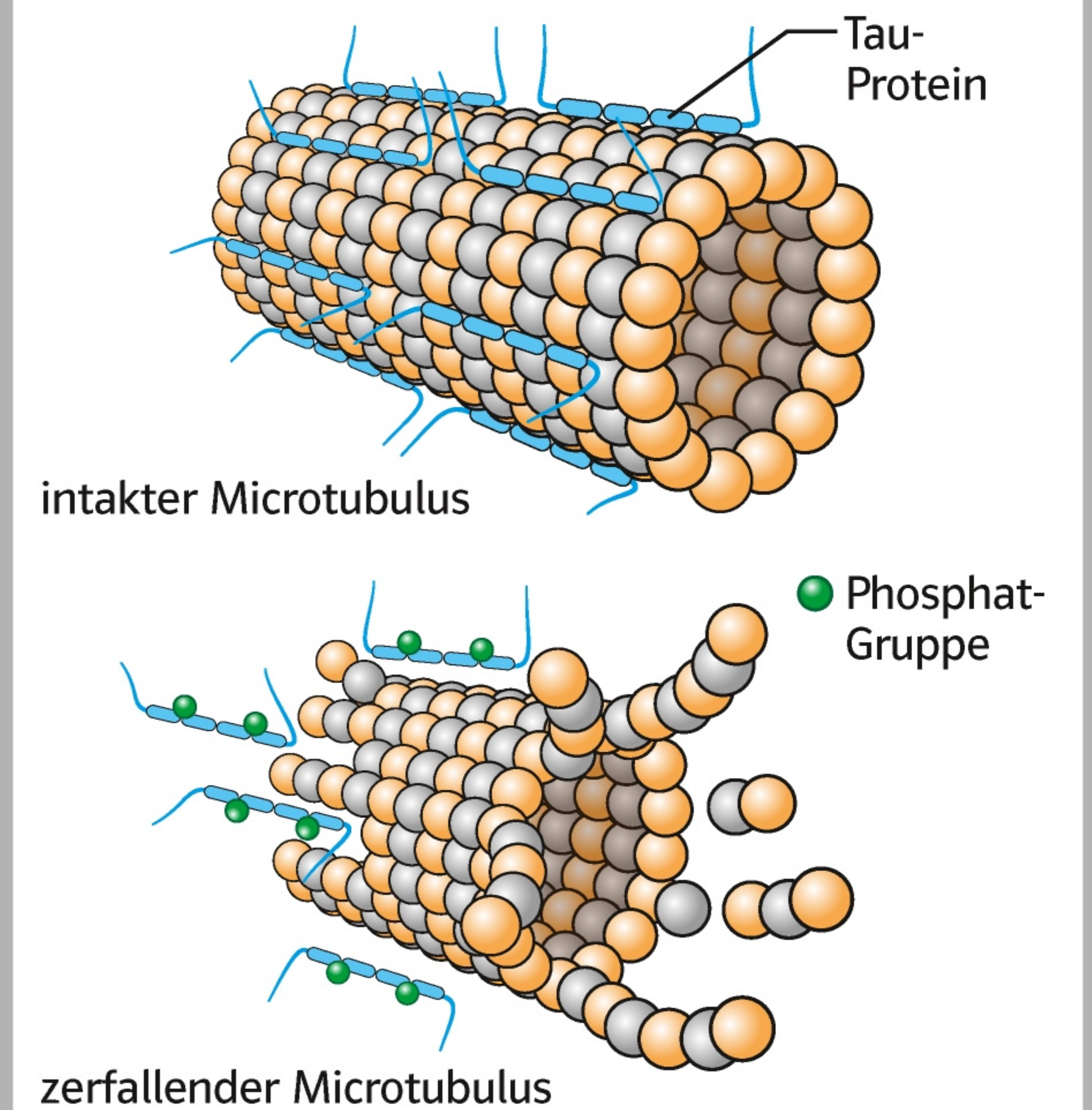


### Innervation

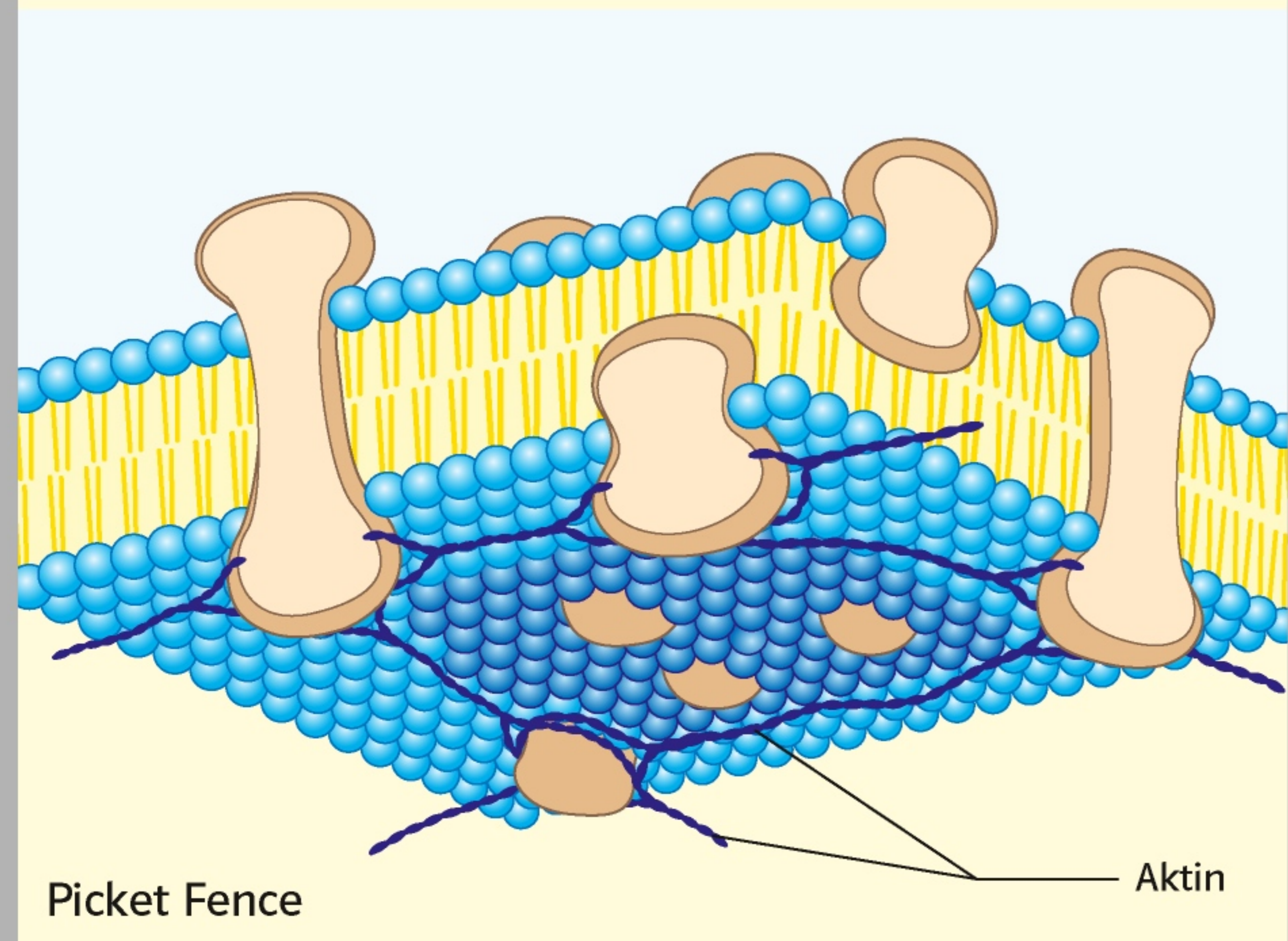
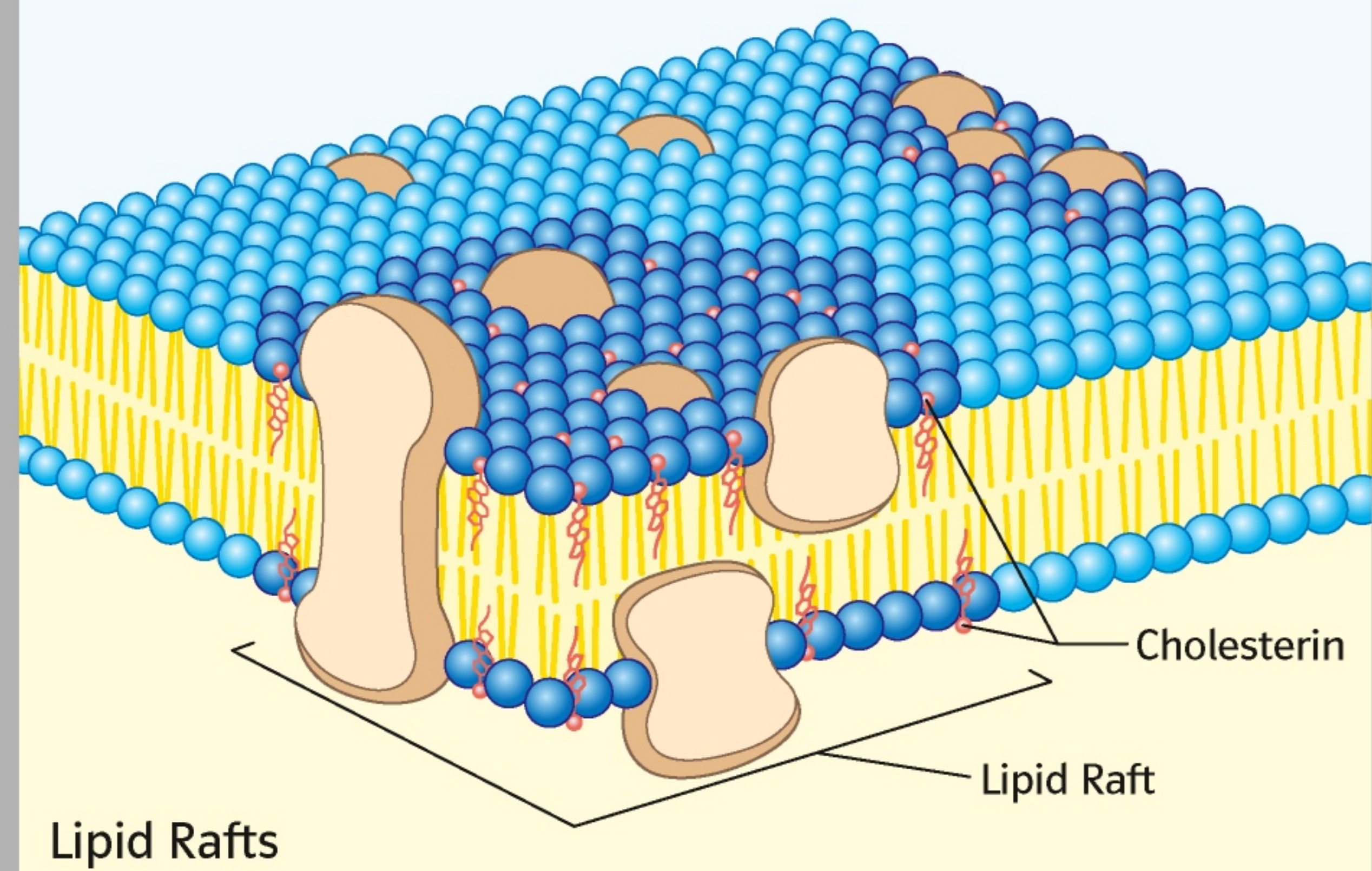


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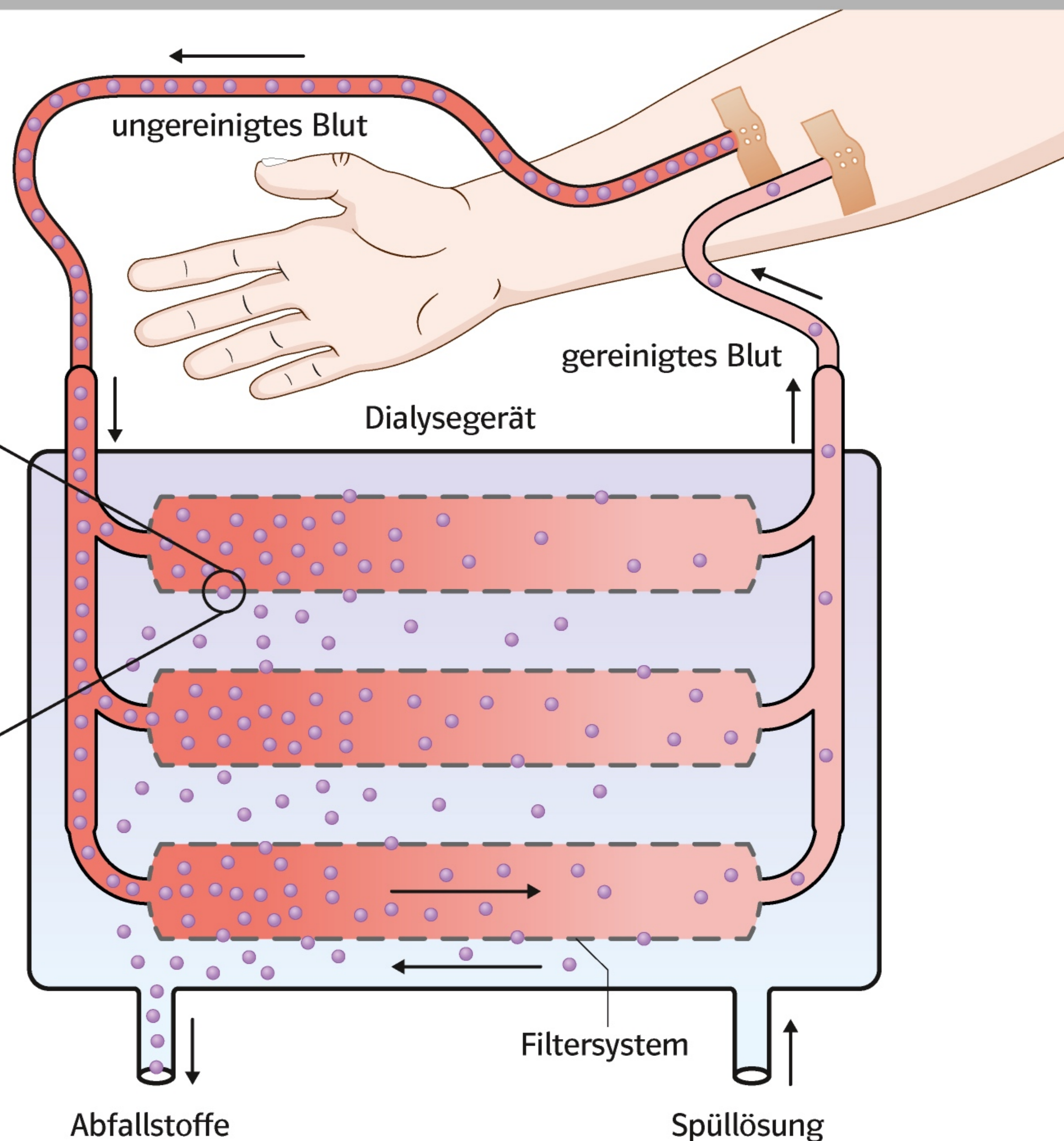
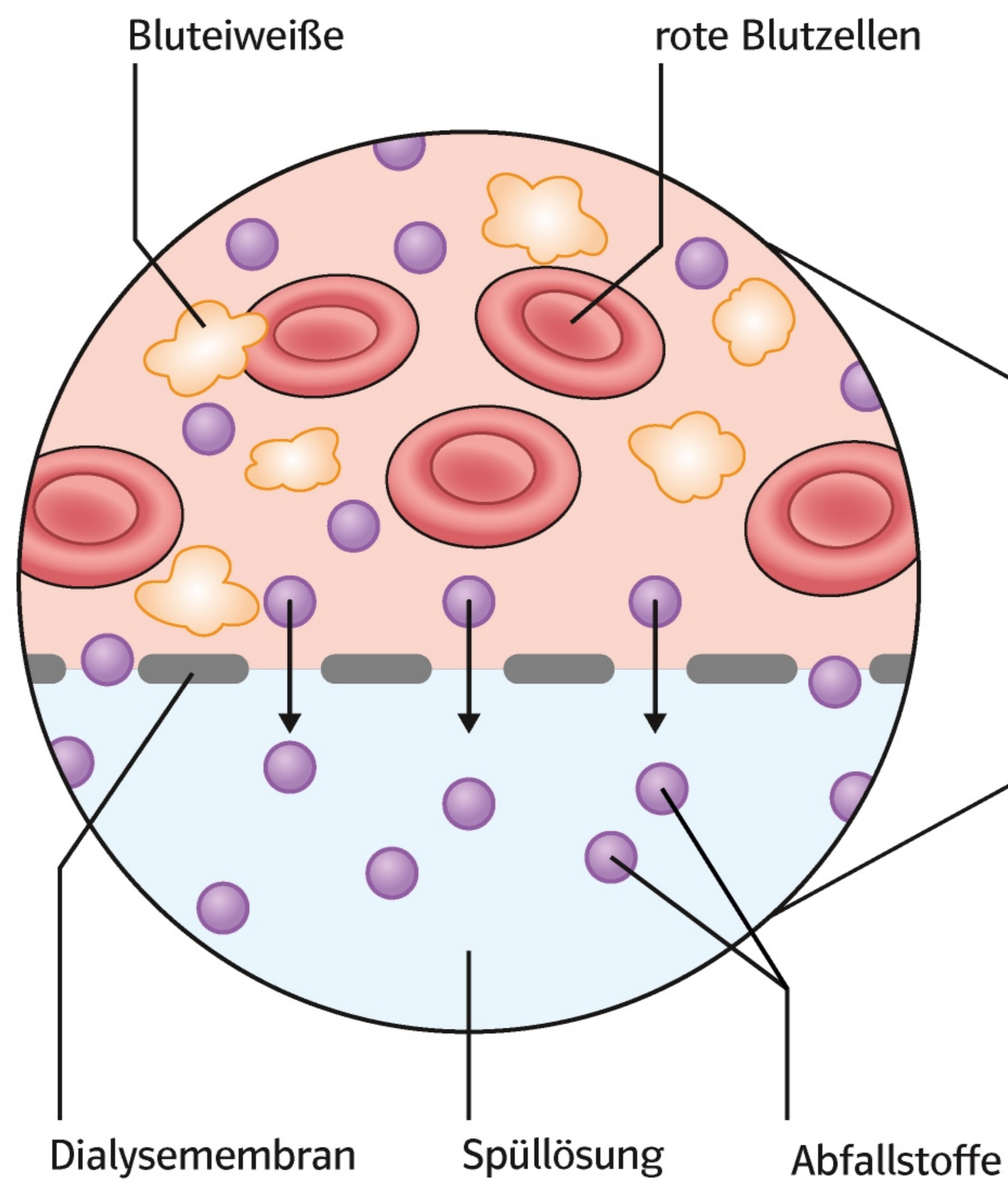
### Alzheimer-Demenz



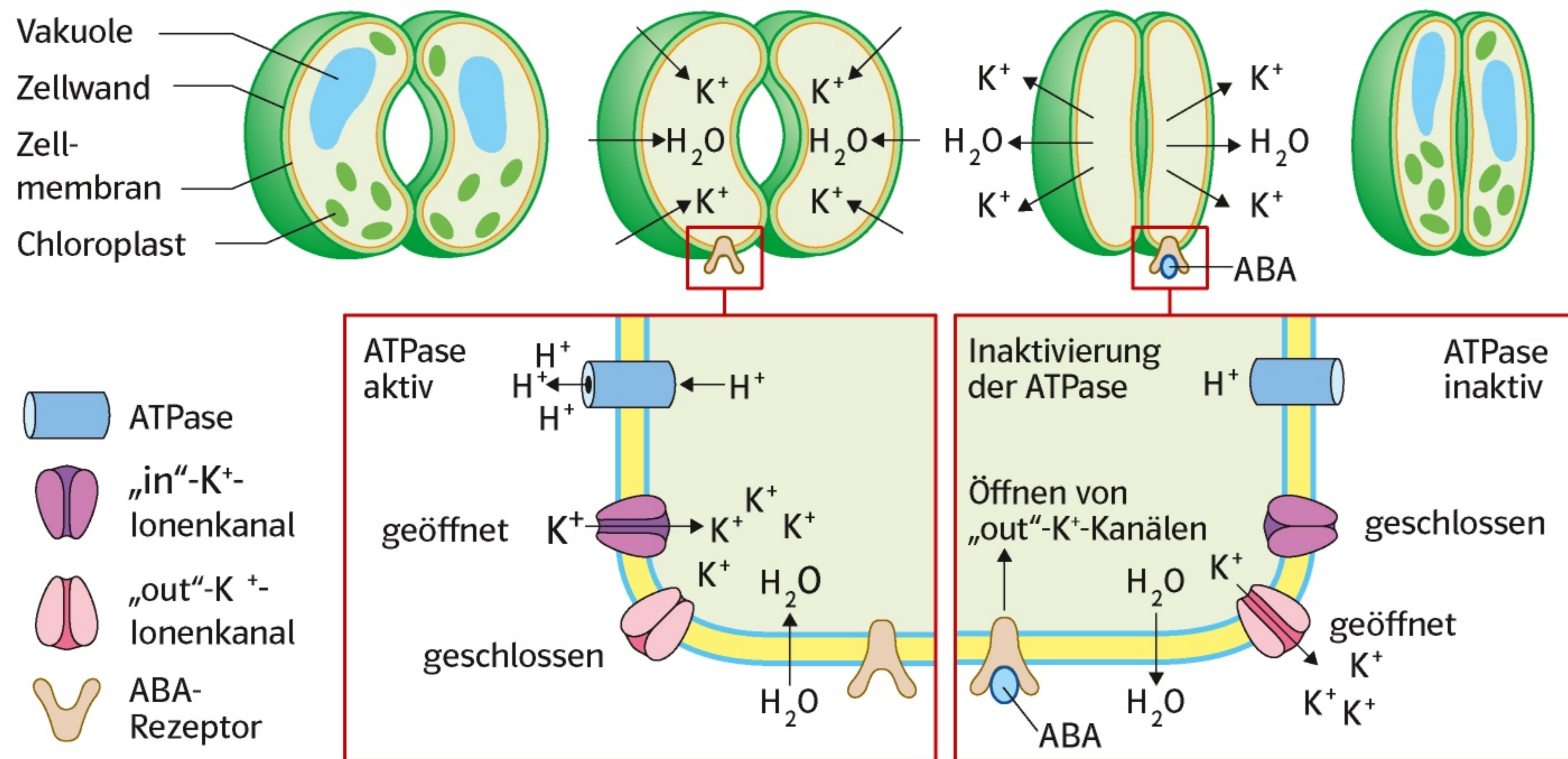
## Membranmodelle



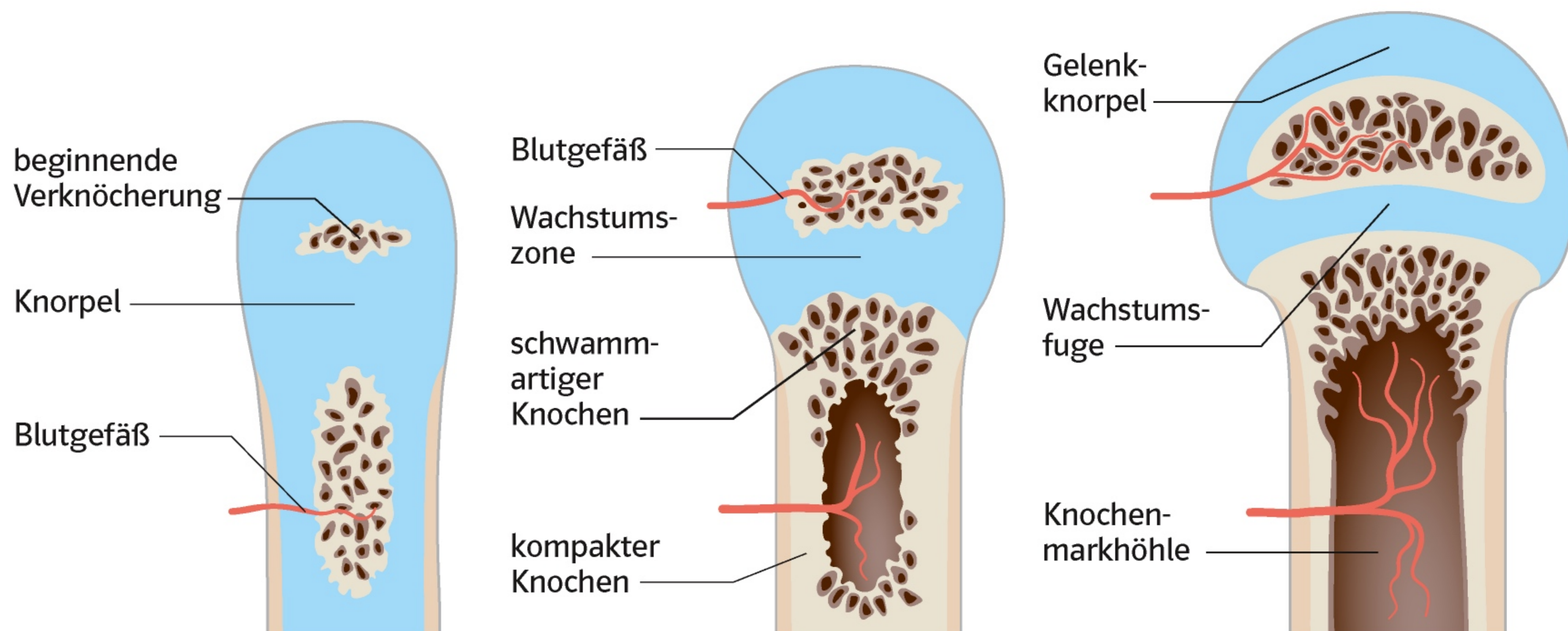
## Dialyse

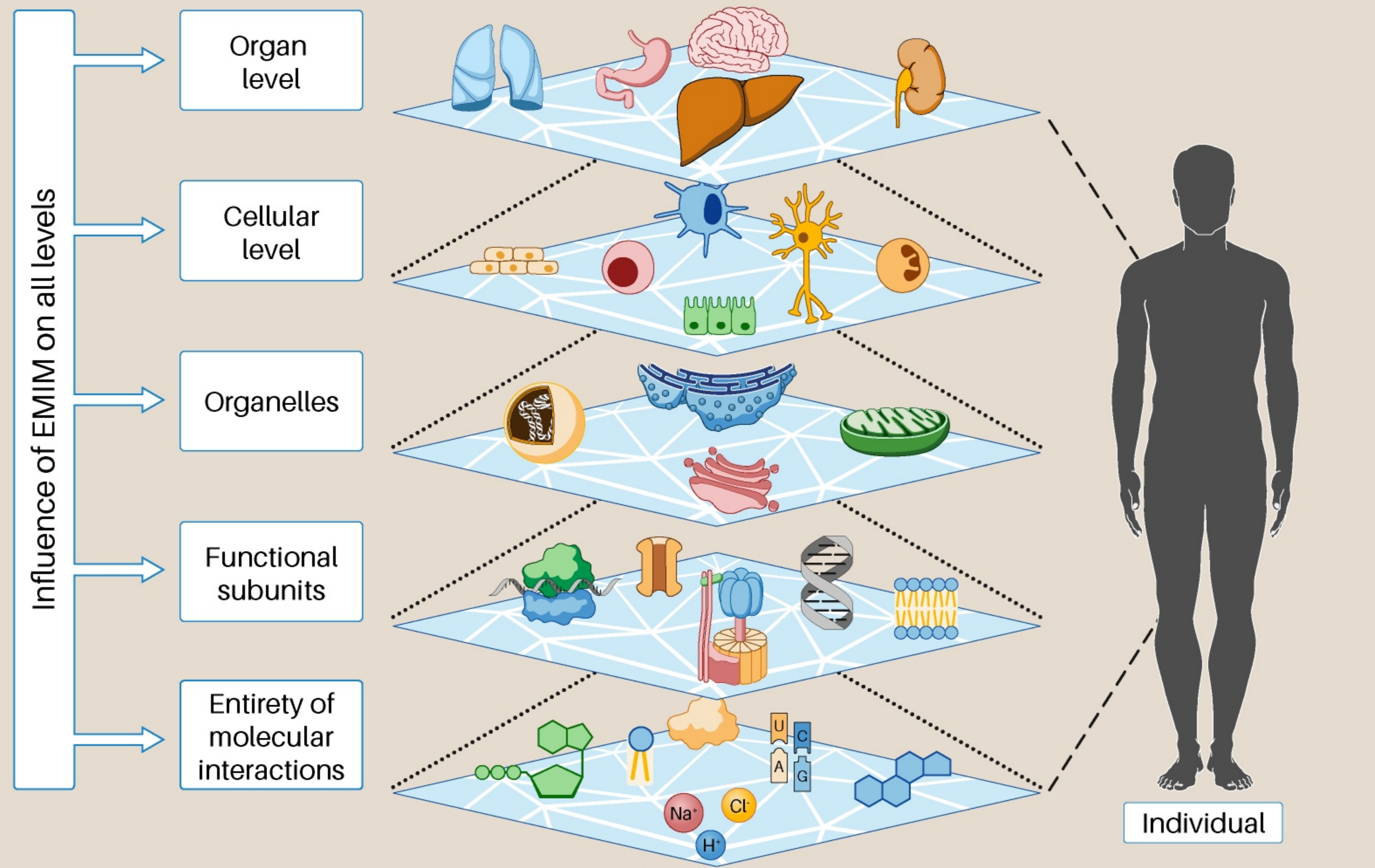


## Schließzellen

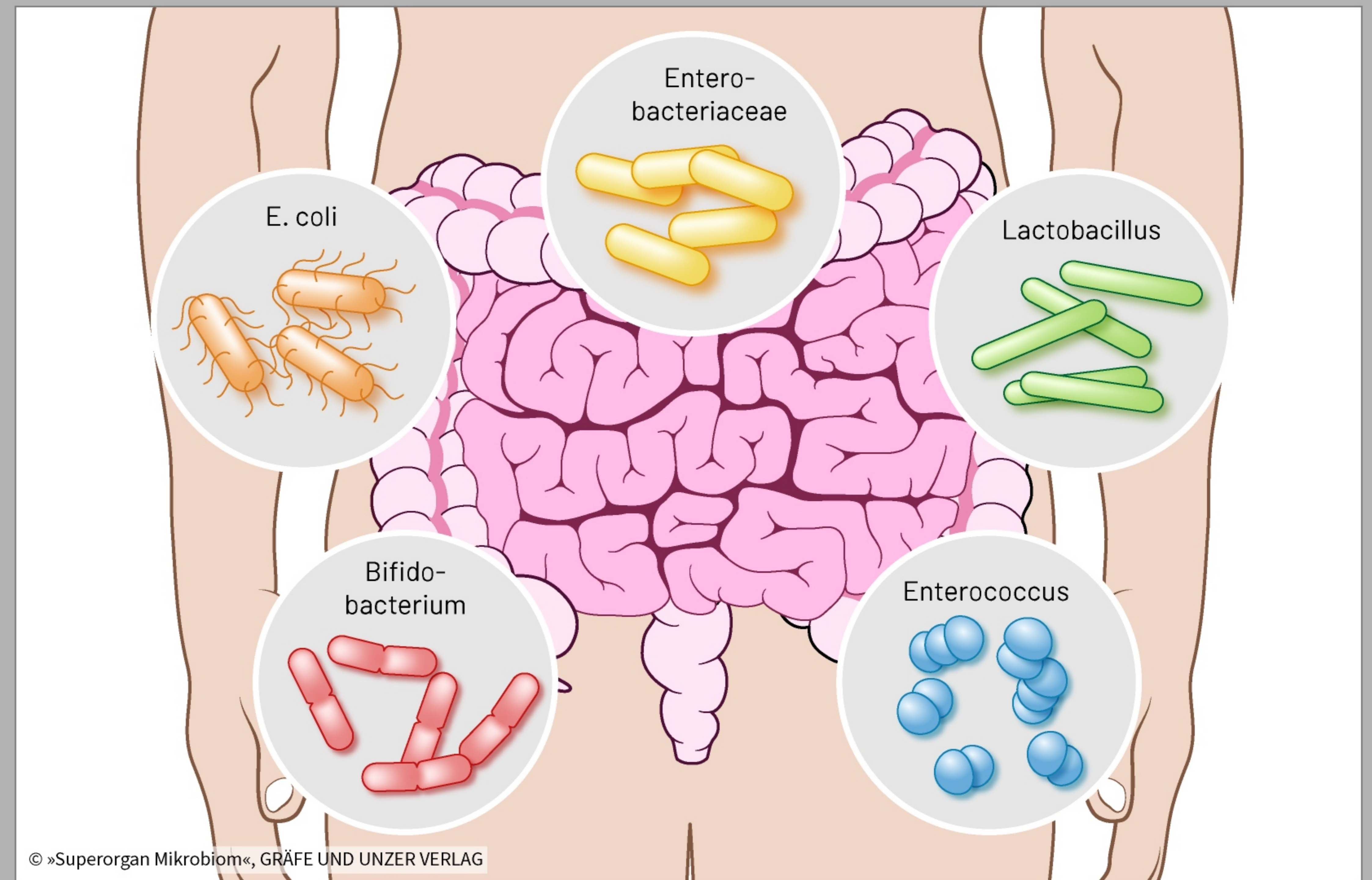


## Knochenwachstum





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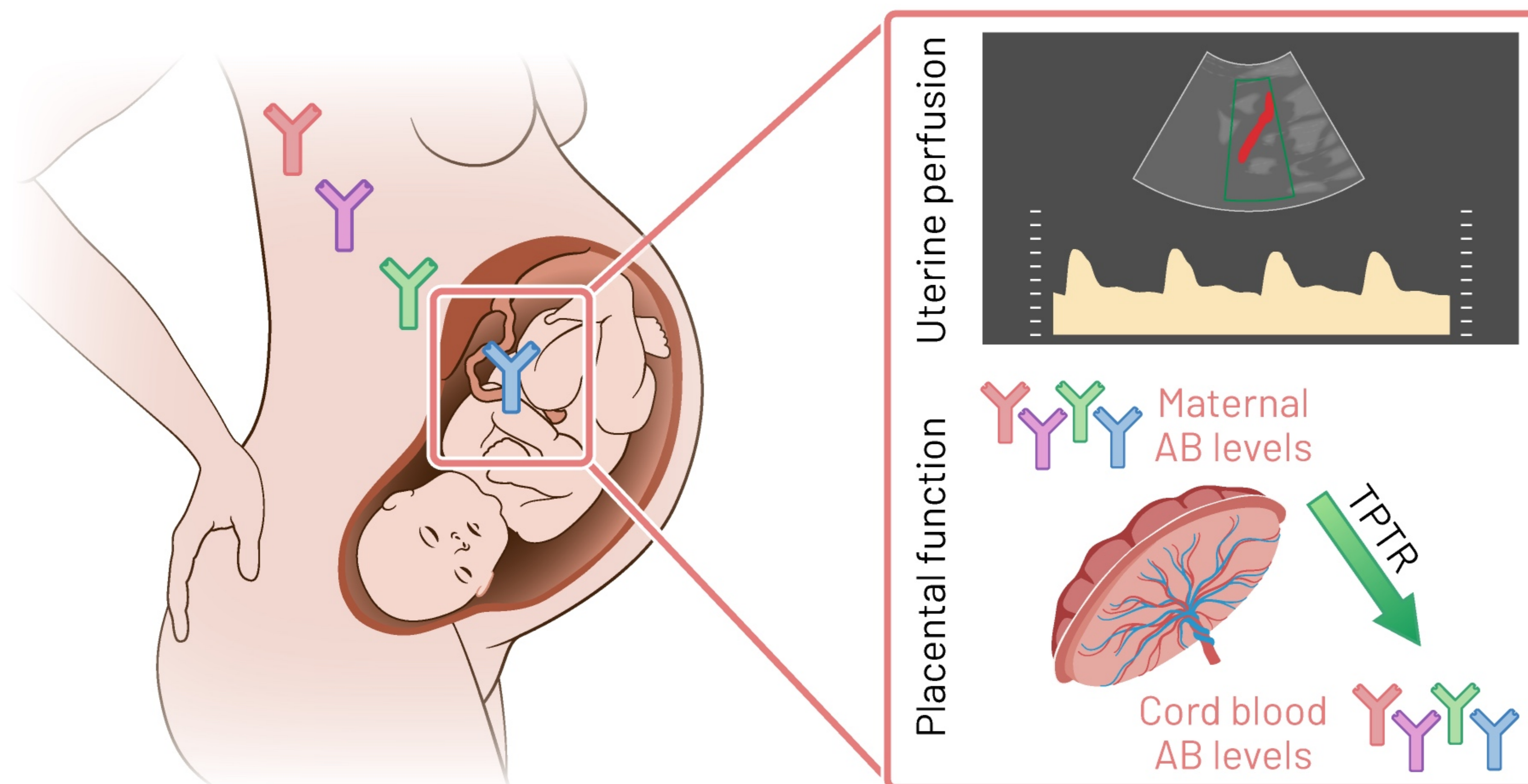


© »Superorgan Mikrobiom«, GRÄFE UND UNZER VERLAG

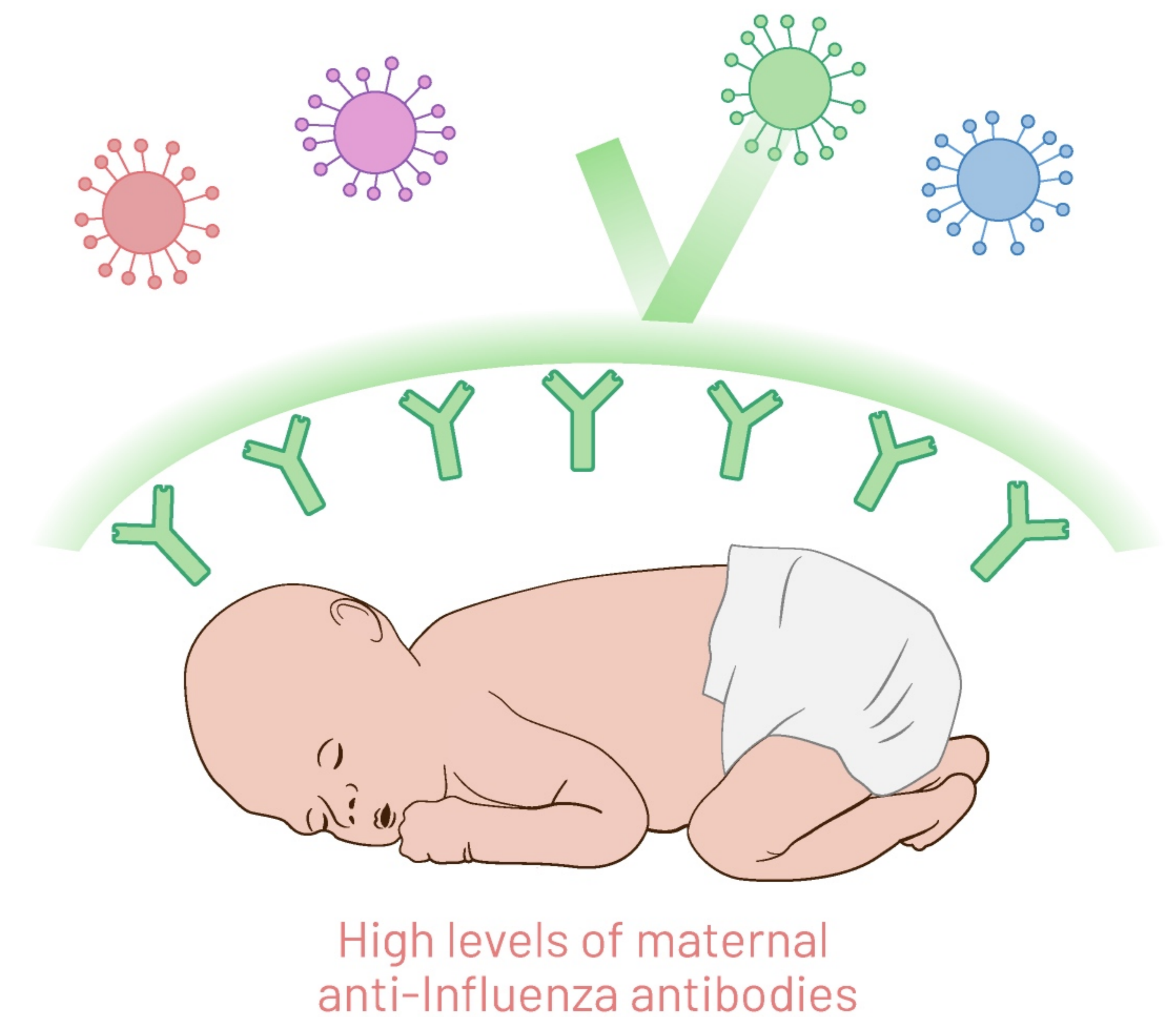
Uterine perfusion determines transplacental IgG transfer rate



Reduced risk for early life respiratory infections

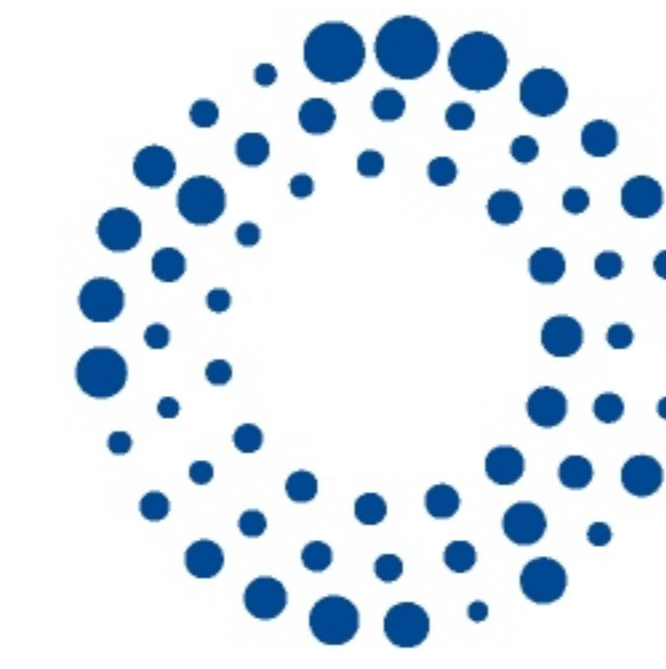
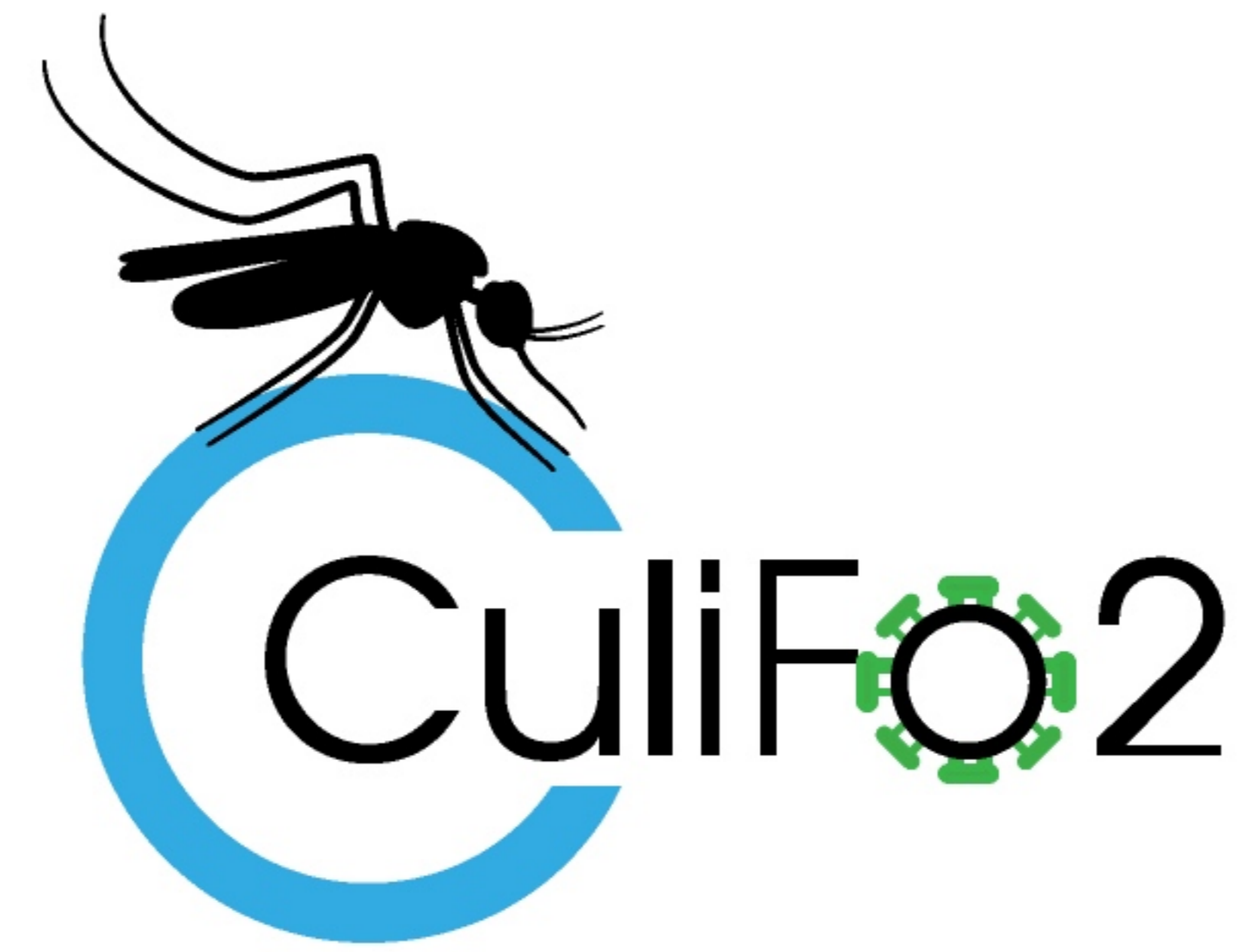
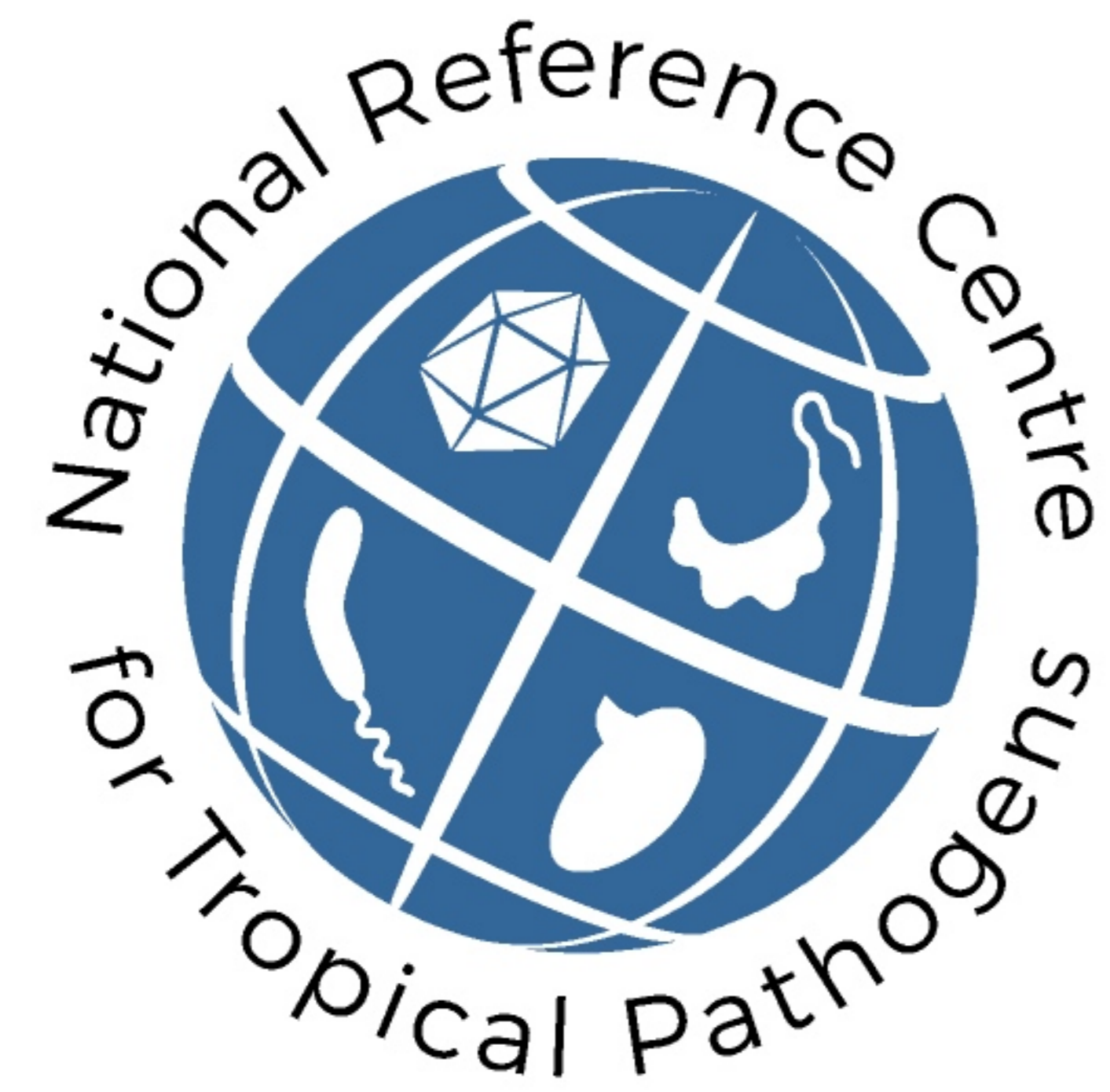


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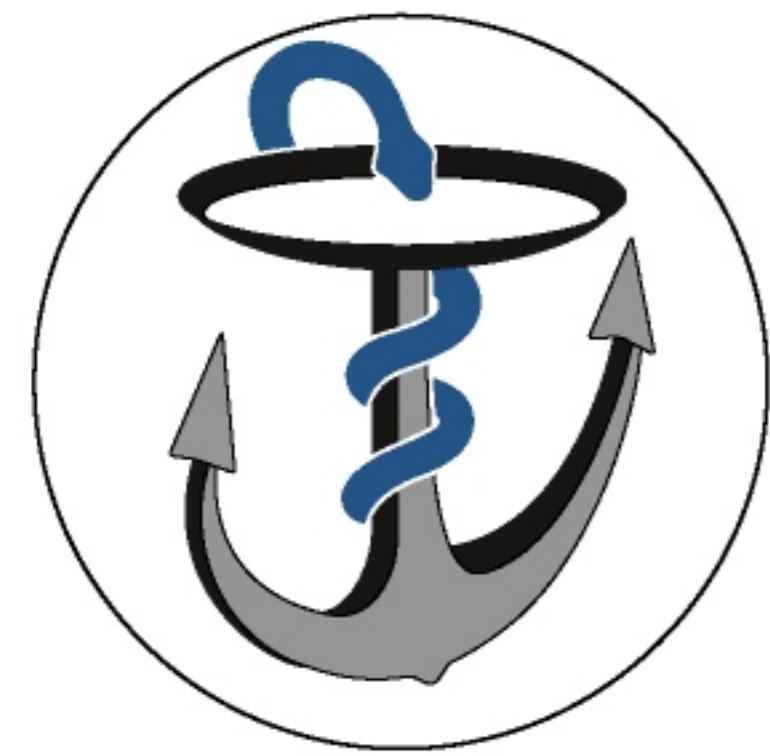


Final version



HCTI Hamburg Center for Translational Immunology

Drafts



Nationales Referenzzentrum für tropische Infektionserreger



CuliFo2



Hamburg Center for Translational Immunology



Nationales Referenzzentrum für tropische Infektionserreger



CuliFo2



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CuliFo2



Hamburg Center for Translational Immunology

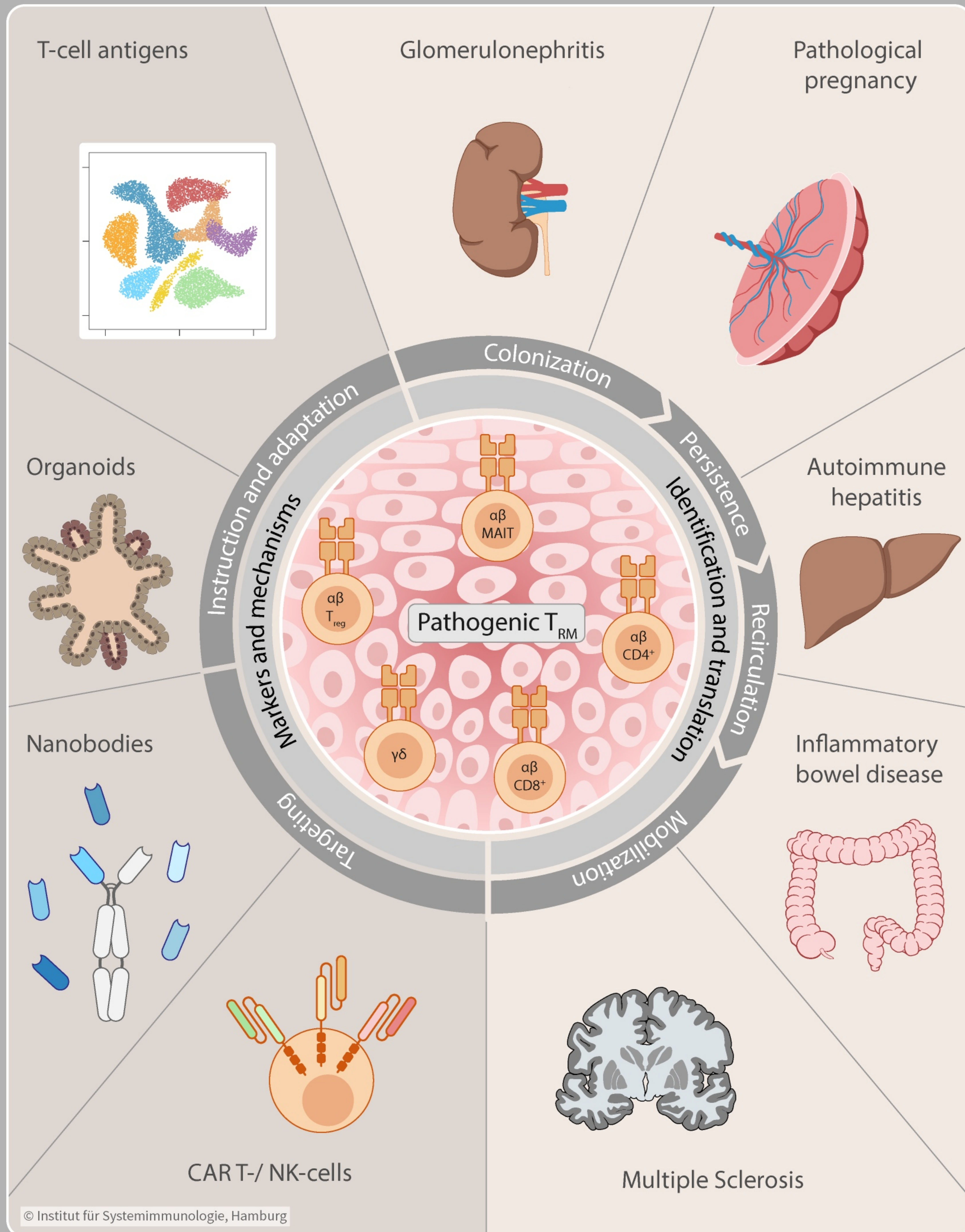
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# Grant Proposal »PathoLIMID«

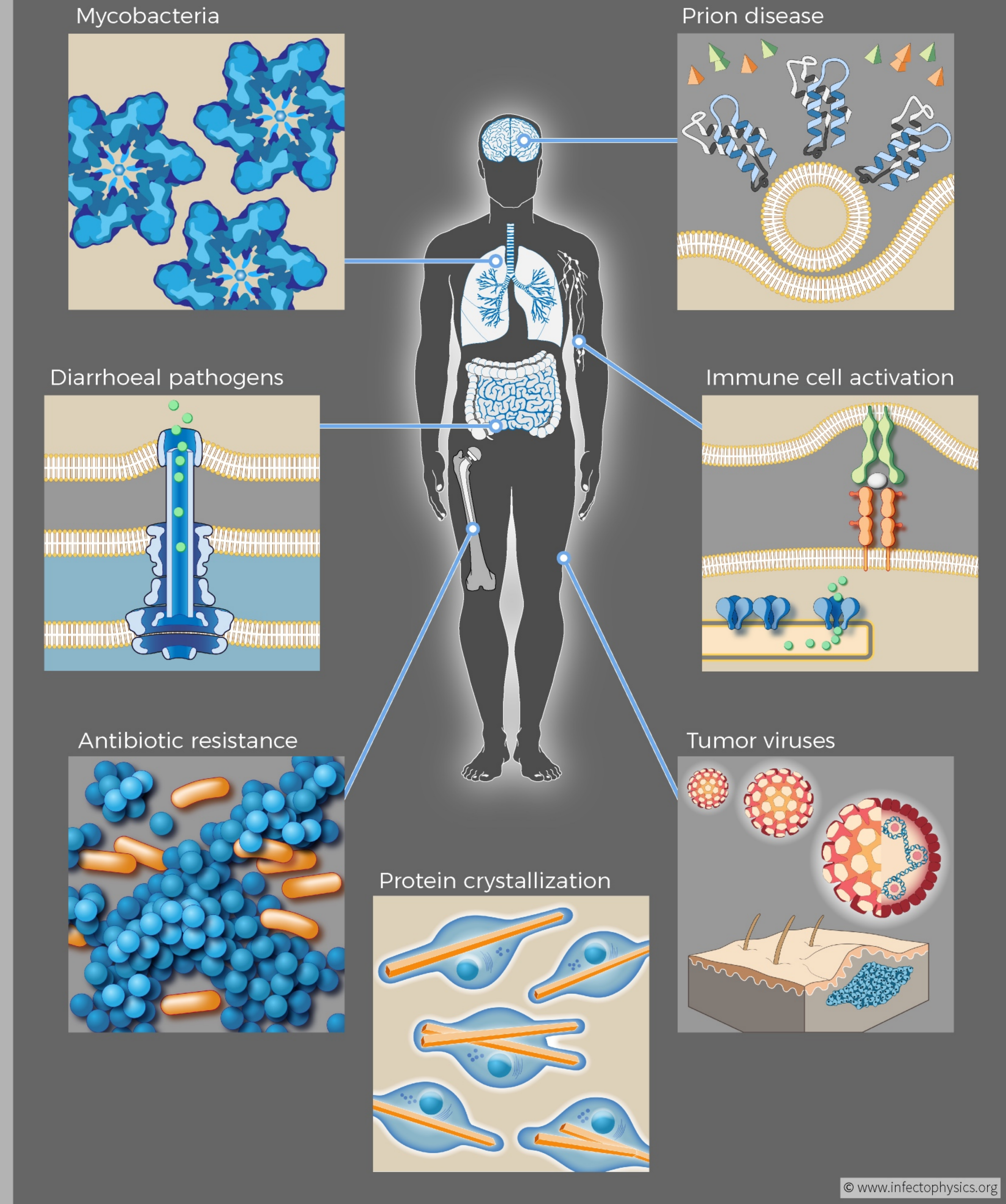
Pathogenic Tissue-Resident Lymphocytes in Immune-Mediated Inflammatory Diseases



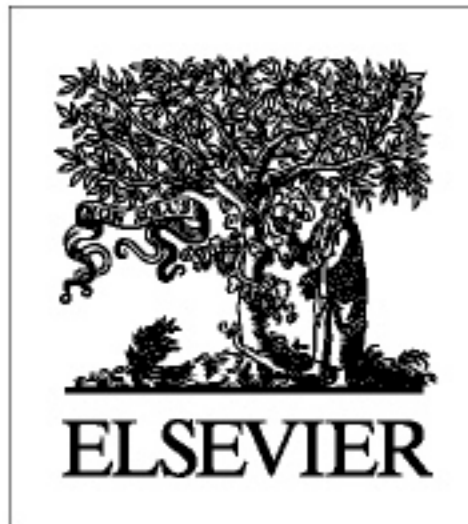
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Grant Proposal

# Projects of the Infectophysics Research Consortium



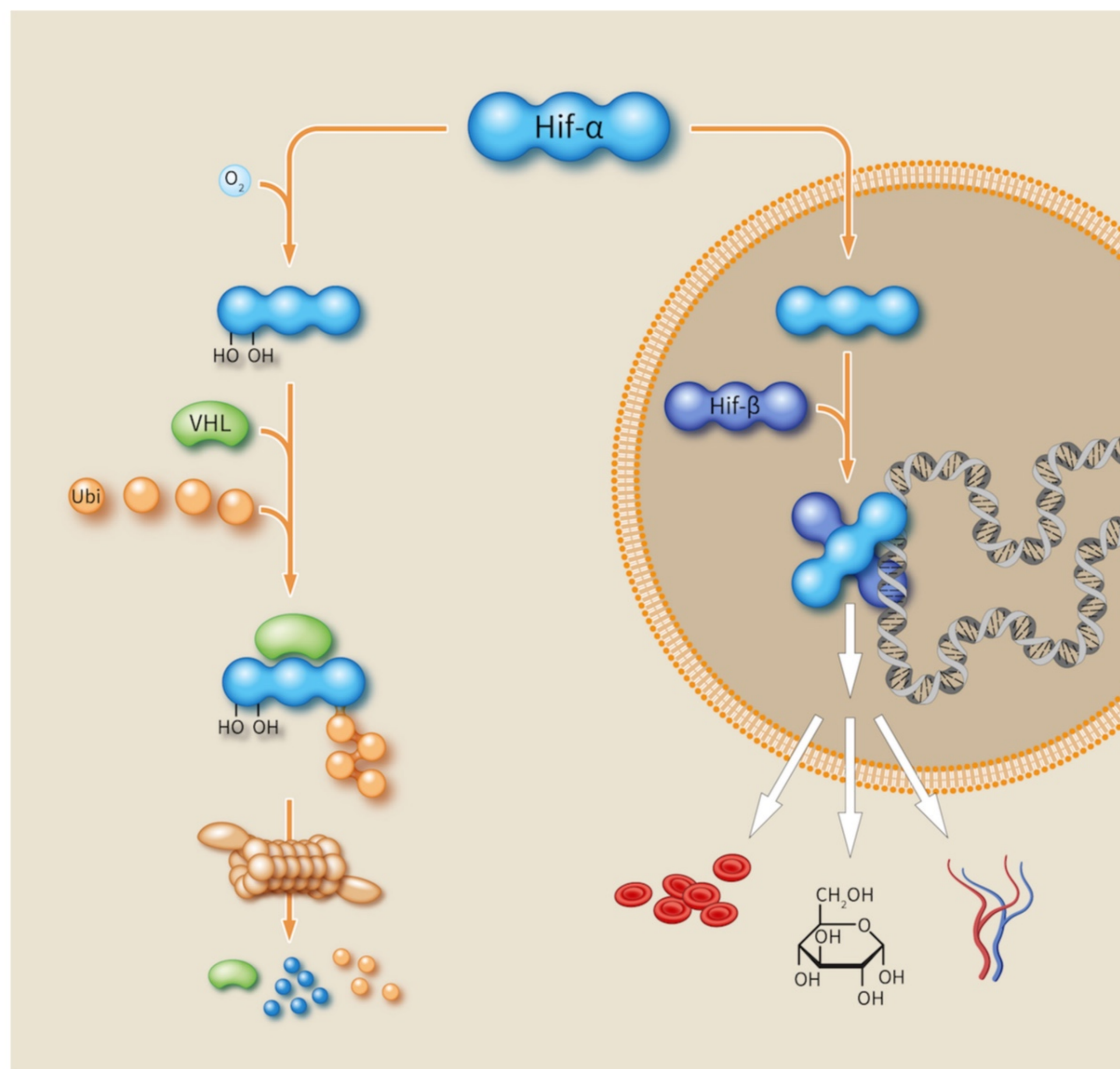
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An International Review Journal

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Biomembranes and Related Systems: From Molecular Structure to Cellular Function

*Guest Editors*

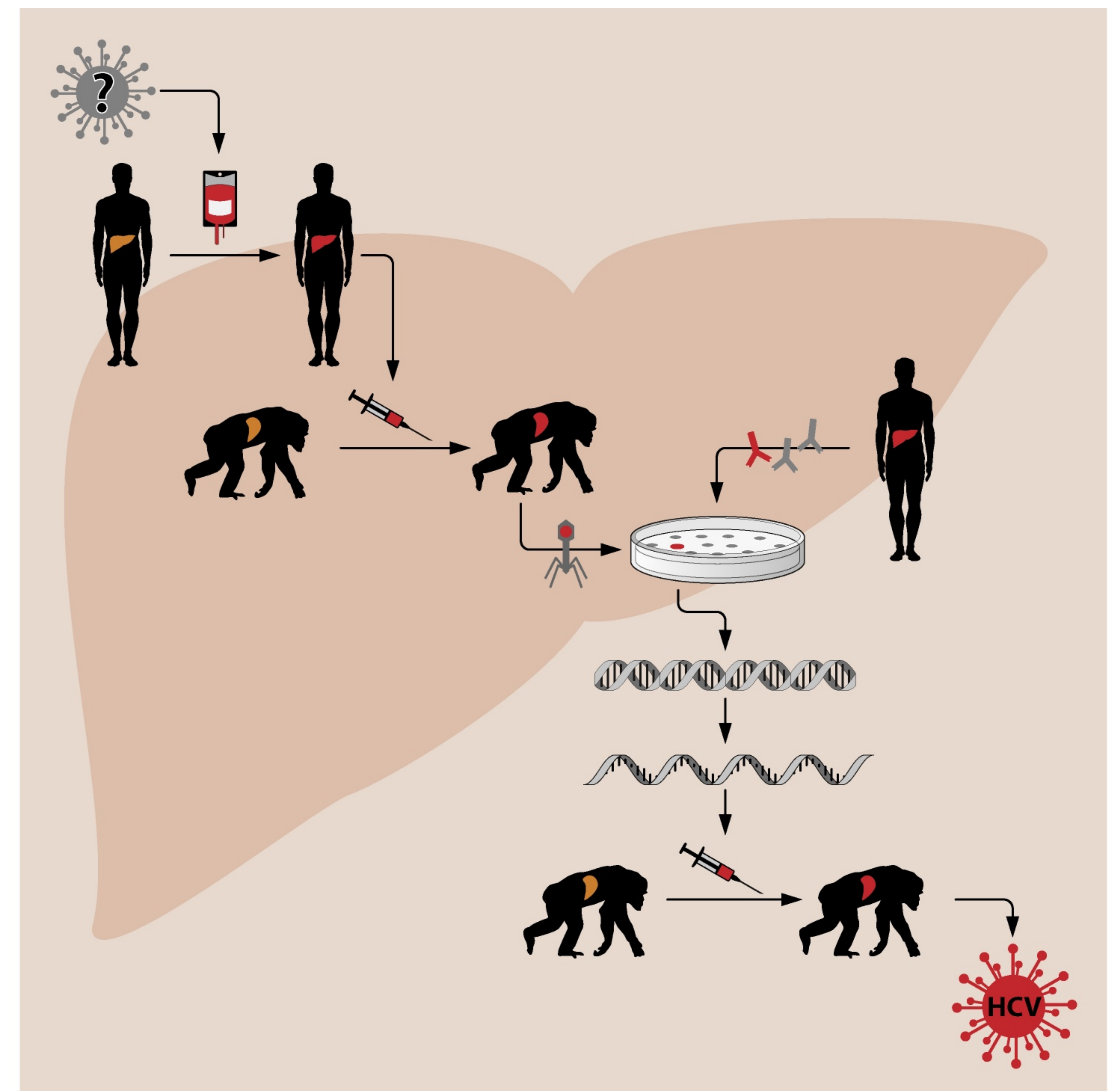
Kenneth Yongabi Anchang, Bin Tang and Timur Atabaev



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**EDITORS**  
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