

# Tumor microenvironment imaging: Benefits of multimodality to study chondrosarcoma

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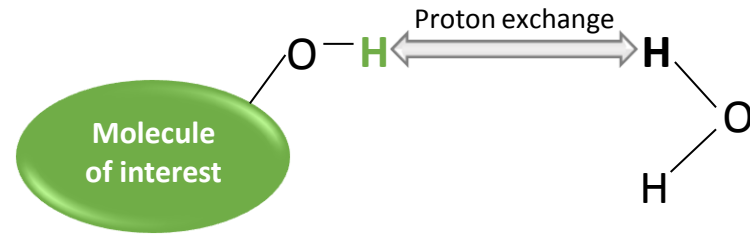
Journées RMN du Grand Sud 2021 – July 1<sup>st</sup> & 2<sup>nd</sup> 2021

# Chemical Exchange Saturation Transfer (CEST) MRI

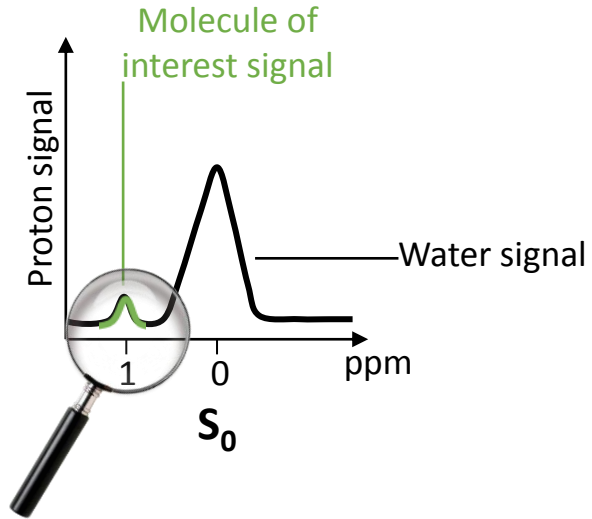
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# Chemical Exchange Saturation Transfer (CEST) MRI

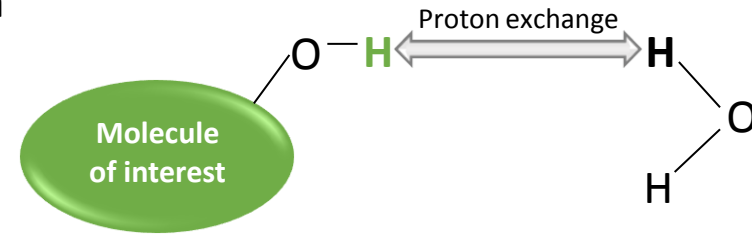
Without saturation



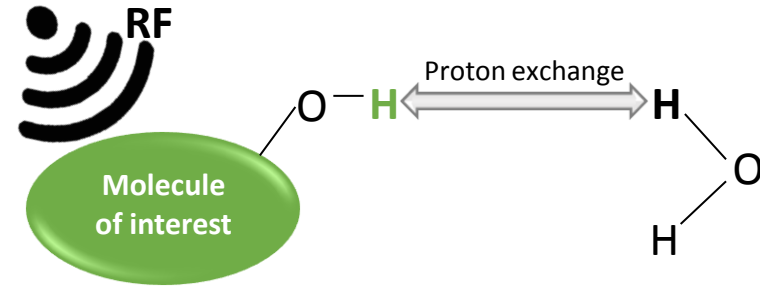
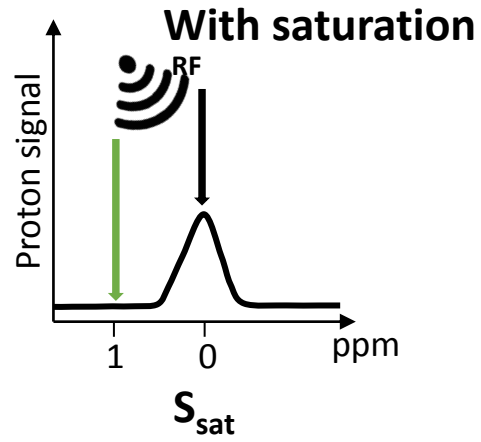
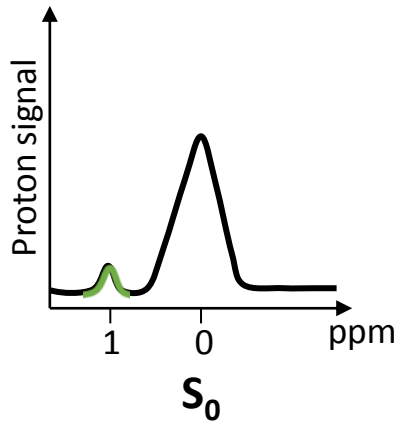
# Chemical Exchange Saturation Transfer (CEST) MRI



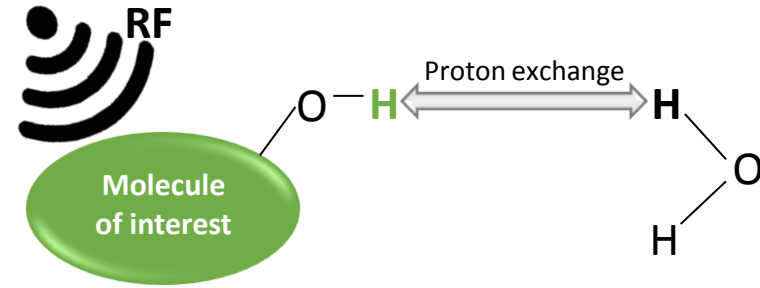
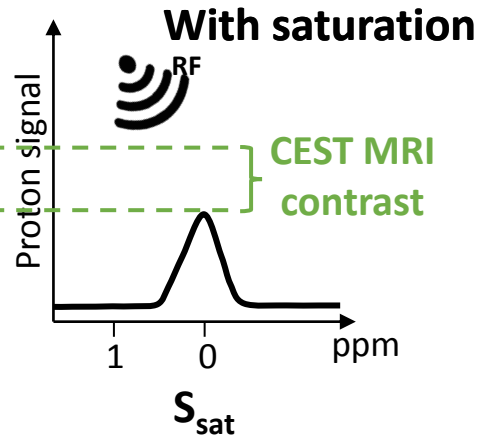
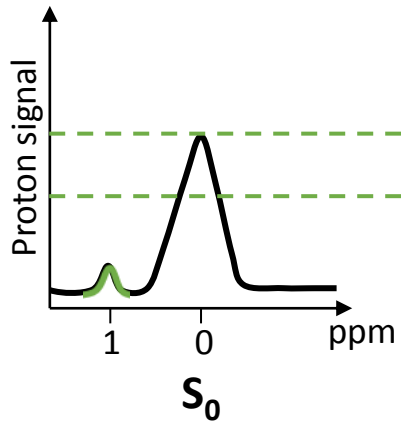
Without saturation



# Chemical Exchange Saturation Transfer (CEST) MRI

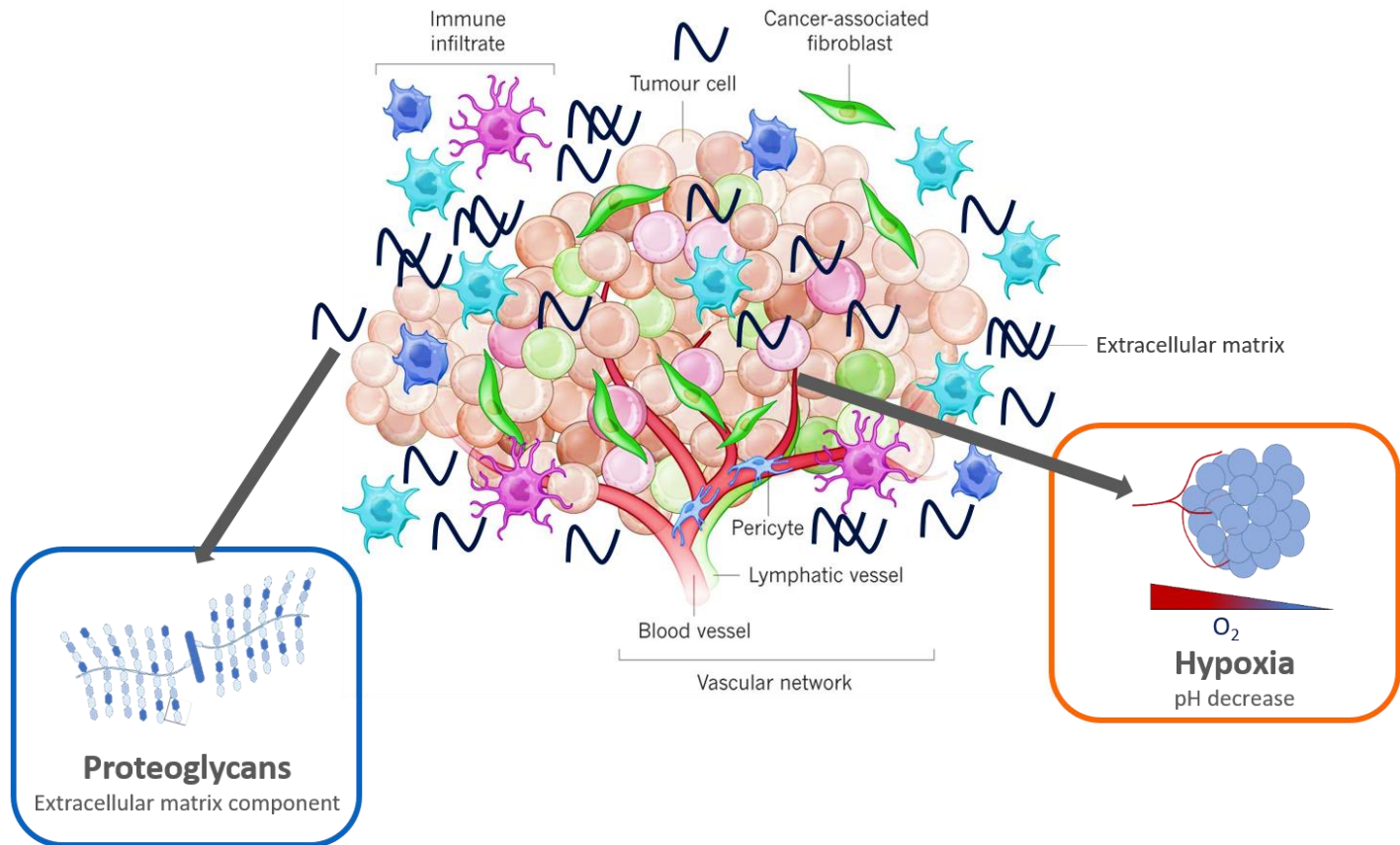


# Chemical Exchange Saturation Transfer (CEST) MRI



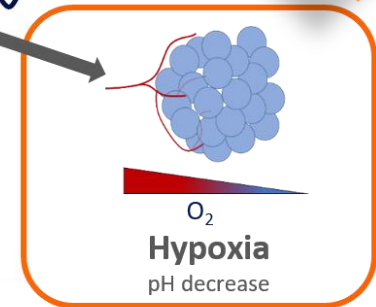
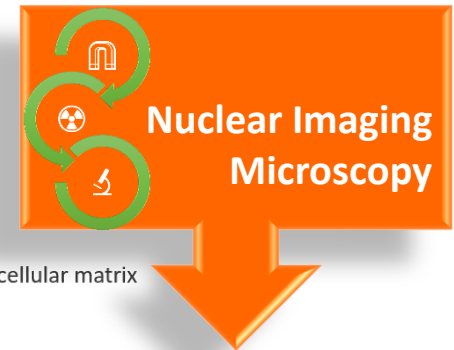
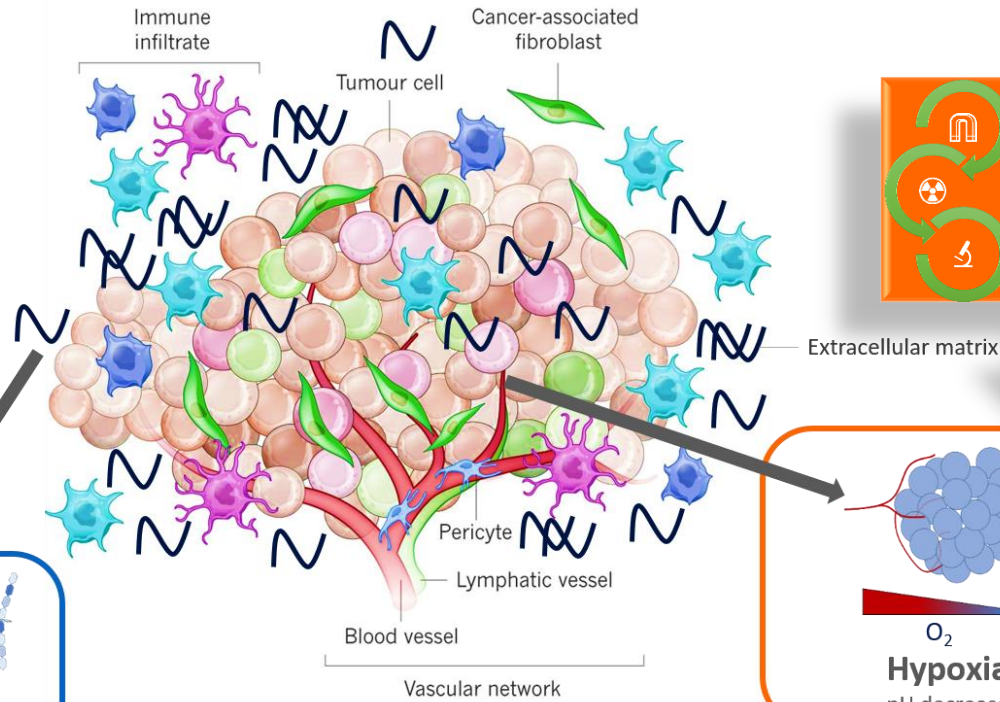
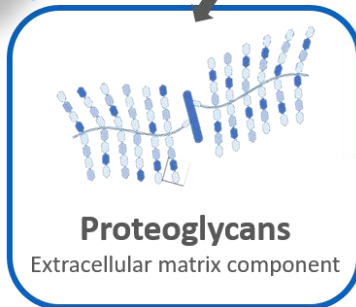
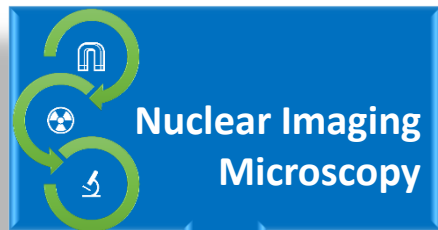
# Multimodality imaging to study tumoral microenvironment

## CEST MRI contrast



# Multimodality imaging to study tumoral microenvironment

CEST MRI  
contrast





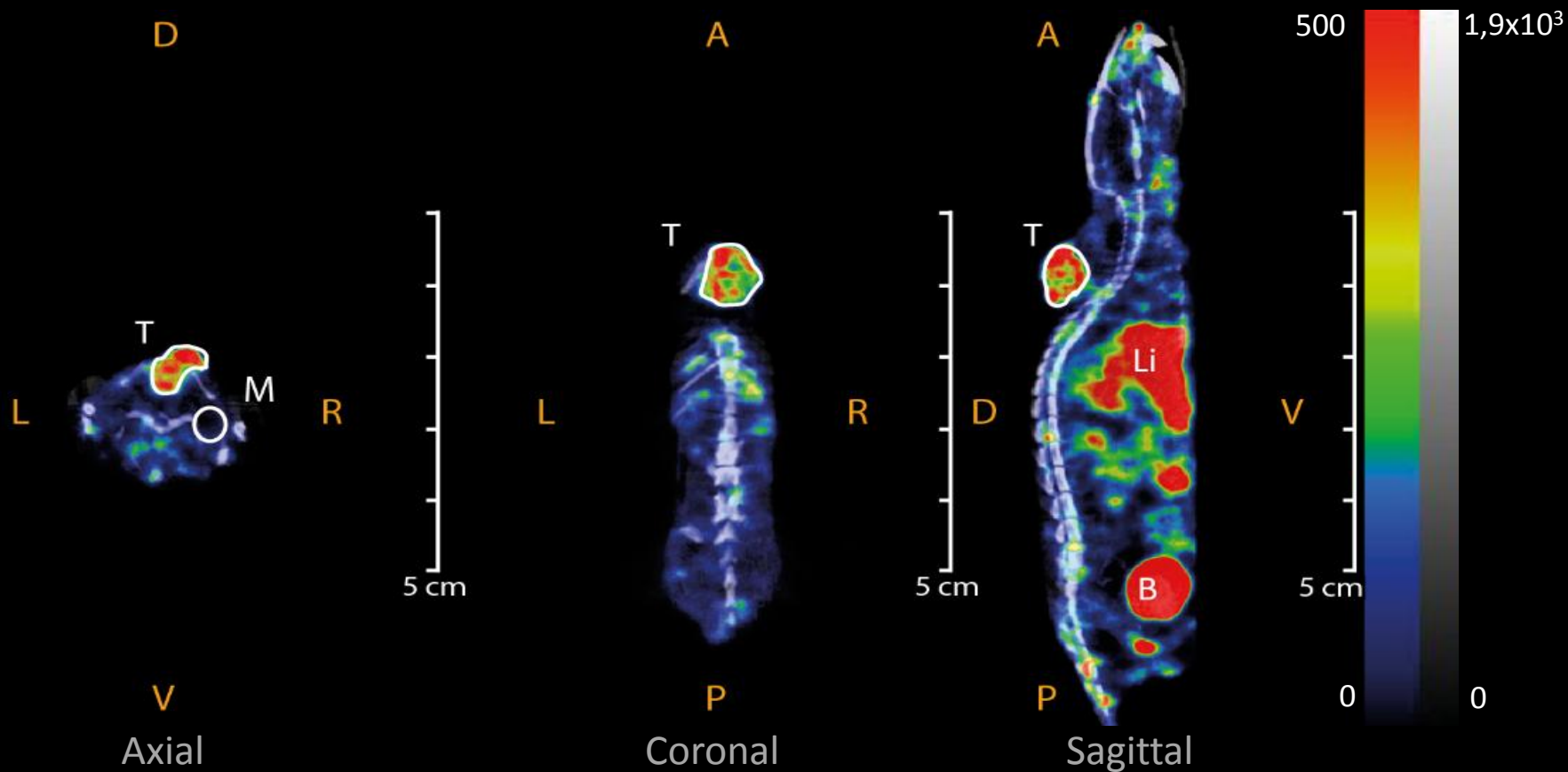
# Results: proteoglycan component

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Ethical commission approval: #15991

# Results: proteoglycan component



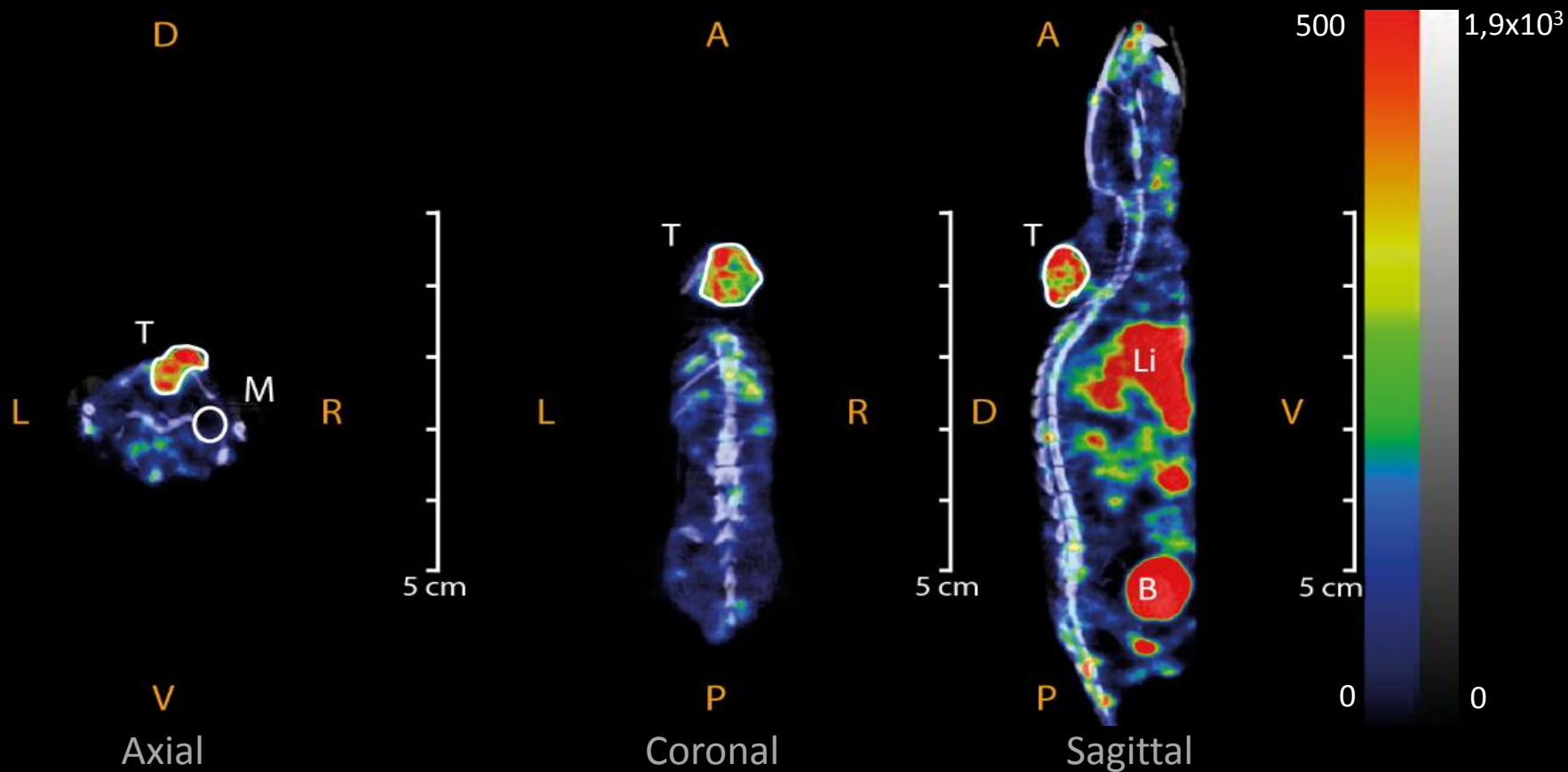
V  
Axial

P  
Coronal

A  
Sagittal



# Results: proteoglycan component

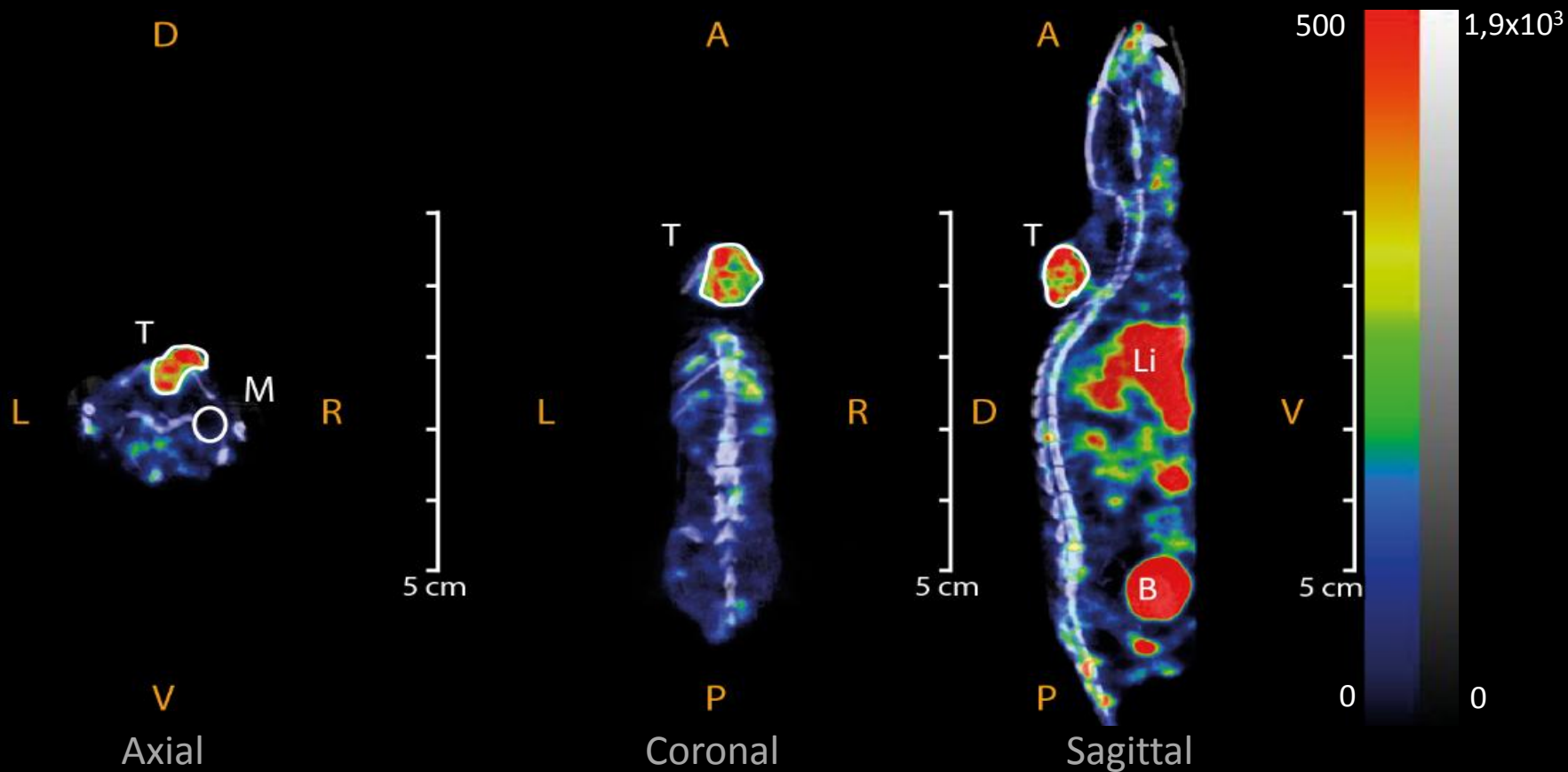


or



?

# Results: proteoglycan component

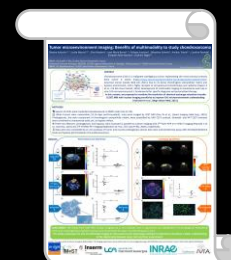


V  
Axial

P  
Coronal

P  
Sagittal

Poster n°7



or



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Ethical commission approval: #15991

