

October
2018

X – Nuclei Workshop

Venue:
CEMEREM – Timone Hospital, Marseille



Thursday 18th October

12:45-13:55 - Arrival & Welcome (with lunch)			
14:00	Start of Scientific Programme Opening remarks by Monique Benard		
14:05	Chris Boesch	Bern	History, Spirit, and Technicalities
14:20	Fawzi Boumezeur	Paris-Saclay	In vivo ³¹ P MRI at 7 Tesla in humans using a 3D spectrally selective SSFP sequence and TPI k-space sampling
14:40	Jacques Stout	Paris-Saclay	In vivo investigation of Lithium brain distribution in bipolar patients using ⁷ Li MRI
15:00	Stanislas Rapacchi / Frank Kober	Marseille	X-nuclei in the heart: ²³ Na and ³¹ P
15:20	Andreas Weng	Würzburg	Sodium MRI in human heart, calf muscle and skin
15:40	Martin Meyerspeer	Vienna	Consensus paper on ³¹ P MRS in Muscle
16:00 - Break & Refreshments			
16:30	Monika Dezortova / Milan Hajek	Prague	Interesting findings in our recent dynamic ³¹ P MRS studies
16:50	Jean-Philippe Ranjeva	Marseille	Dynamic ²³ Na MRI: a non-invasive window on neuroglial-vascular mechanisms underlying brain function
17:10	Tanja Platt / Sebastian Niesporek / Johanna Lott	Heidelberg	New Developments in Dynamic and Body X-Nuclei Imaging
17:50	Arend Heerschap	Nijmegen	³¹ P /dynamic / high field / MSK
18:10	Robin Heidemann	Siemens Healthcare	Developments regarding X-Nuclei imaging/MRS on the MAGNETOM Terra
18:30 Close			

20:00 - Meal at 'Les Arcenaux' at the Vieux Port

25 cours d'Estienne d'Orves, 13001, Marseille

Friday 19th October

8:45-9:00 - Arrival & Welcome			
9:00	Ben Ridley	Marseille	Multi-Parametric Multi-Echo ²³ Na-MRI at 7T and its application to Multiple Sclerosis
9:20	Wieland Worthoff / Aliaksandra Shymanskaya	Juelich	Quantification and Relaxometry in Multiple Quantum Filtered Sodium MRI of Human Brain
9:40	Michaela Hoesl	Heidelberg	²³ Na triple-quantum signal: A clinical biomarker for the functionality of the Na/K pump?
10:00	Wafaa Zaraoui	Marseille	Brain ²³ Na MRI : the Marseille experience
10:20	Lena Gast	Erlangen	B0 shimming for X-nuclei imaging at 7T using ²³ Na B0 maps
10:40	Teresa Gerhalter	Erlangen	Reproducibility of ²³ Na MR imaging at 3T at two different sites
11:00 - Break & Refreshments			
11:30	Open / Final Discussion		
11:50	Announcements		
11:55	Closing Remarks by David Bendahan		
12:00 – End of meeting & Lunch			



ACCES CEMEREM

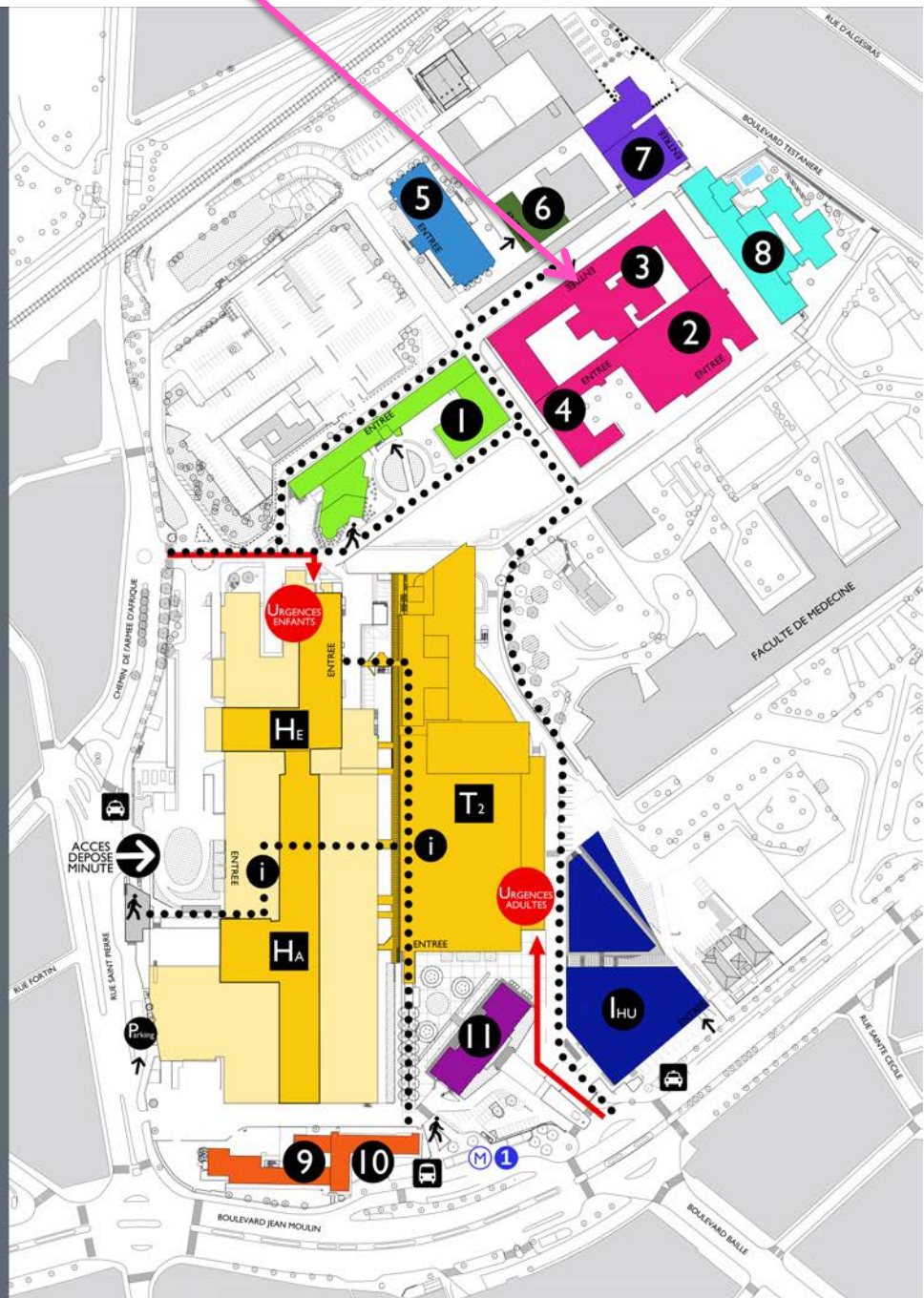
Bat 3 CHU TIMONE

TEL 04 91 38 48 07



Assistance Publique
Hôpitaux de Marseille

HOPITAL TIMONE



.....
CHEMINEMENT PIETONS

M 1
METRO BUS TAXI

H_A TIMONE ADULTES

H_E TIMONE ENFANTS

T₂ TIMONE 2

I_{HU} MEDITERRANEE INFECTION

I OPHTHALMOLOGIE

2 ONCOLOGIE / RADIOTHERAPIE

3 LABORATOIRES / CEMEREM

4 DERMATOLOGIE

5 ODONTOLOGIE

6 SERVICE SOCIAL

7 CHAMBRE MORTUAIRE
UNITE DU VIVANT/
MEDECINE LEGALE
→ ACCES RD TESTANERE

8 INTERNAT

9 PHARMACIE

10 MEDECINE DU TRAVAIL
SERVICES TECHNIQUES

II BASTIDE
LOCAUX SYNDICAUX