VISIT AGENDA

AI FOR TRANSPLANT PATIENT CARE: FROM RESEARCH TO CLINICAL IMPLEMENTATION

June 25th and 26th, 2024

Contact:
Alexandre Loupy (+33 6 12 49 10 82)
Carmen Lefaucheur (+33 6 76 60 49 46)
Marc Raynaud (+33 6 13 49 30 09)

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The Paris Institute for Transplantation & Organ Regeneration is a leading European Institute dedicated to multiorgan transplant and organ regeneration, addressing research, patient care and education.

Focused on enhancing the efficiency of the global transplant ecosystem, the initiative is motivated by the high mortality rates associated with end-stage organ failure and the current constraints in transplant accessibility and immunosuppression-related complications.

Day 1 (25th June 2024):
Welcome Pr Carmen Lefaucheur / Pr Alexandre Loupy

Paris Cardiovascular Research Center (PARCC)
56 rue Leblanc 75015 Paris
<u>Nearest metro stops:</u>
Balard (line 8 or T3)
Javel - André Citroën (line 10)

Time	Information	Location
2pm	Arrival: reception at PITOR institute Arrival Coffee	56 rue Leblanc, 75015 Paris
2:15 pm - 3.15 pm	Tour of the Research Unit and precision diagnostics platforms	--

Time	Information	Speaker	Location
3:15 pm – 3:35 pm	Transforming Healthcare with iBox	Pr Alexandre Loupy	56 rue Leblanc, 75015 Paris
3:35 pm – 4:00 pm	Biomarkers in Kidney Transplantation	Dr Marc Raynaud	
4:00 – 4.20	Coffee break at the Institute Forum		
4:20 pm – 4:40 pm	Cell-free DNA and Allograft Rejection	Dr Olivier Aubert	
4:40 pm – 5:00 pm	Precision Medicine Platform: from research to diagnostics implementation	Fariza Mezine	
5:00 pm – 5:45 pm	Discussion, questions and answers Towards collaboration between Paris and China		Plenary
6:00 pm	Early Dinner		Bistrot d' André Walking distance from the Paris Institute

Day 2 (26th June 2024)
Welcome Pr Carmen Lefaucheur

Hôpital Saint Louis
1 avenue Claude-Vellefaux, 75010 Paris
Nearest metro stops:
Jacques Bonsergent (line 5)
Goncourt (line 11)

Time	Information	Speaker	Location
9:30 am – 9:50 am	Introduction	Pr Carmen Lefaucheur Pr Alexandre Loupy	Musée des moulages, Hôpital Saint Louis, Paris
9:50 am – 10:10 am	New Approaches of Desentization of Highly Sensitized Patients	Pr Carmen Lefaucheur	
10:10 am –10:30 am	Antibody-Mediated Rejection in 2024: Precision Diagnostic, Phenotypes and Treatment	Pr Carmen Lefaucheur	
10:30 am –10:50 am	Concrete AI application in clinics: Molecular microscope, Biomarkers, Banff automation systems	Dr Gillian Divard, Dr Michelle Elias	
10:50 am –11:10 am	AI for Real-Time Monitoring of Kidney Recipients	Dr Pierrick Arnal	
11:10 am –12:30 am	Discussion, questions and answers		

Time	Information	Location
12:30 am –1:30 pm	Lunch	Saint Louis Hospital
1:30 pm – 2:30 pm	Visit of Saint Louis Hospital – Kidney transplantation department	Saint Louis Hospital

Alexandre Loupy, MD PhD, is the head of the Paris Institute for Transplantation and Organ Regeneration and team leader of an epidemiology research team at the National Institute of Health and Medical Research (Inserm) U970. He is professor of Nephrology working in the kidney transplant department of Necker Hospital: He funded the Paris Transplant Group in 2008.

Carmen Lefaucheur, MD PhD, is nephrologist and head of the Nephrology and Kidney Transplantation Department, Saint-Louis Hospital – AP-HP, Paris, France and Professor of Nephrology at Paris Diderot University, France. Her research aims to develop a translational research model in organ transplantation based on a multidisciplinary approach.

Marc Raynaud, PhD, is the lead scientist of the Paris Transplant Group and a methodologist. Marc Raynaud defended his Master's degree in Mathematics in 2017 and his PhD in 2021 in Epidemiology and Statistics. His research interest focuses on allograft failure (kidney, heart, lung and liver) diagnostic and prognostic based on artificial intelligence

Olivier Aubert, MD, PhD, is a Nephrologist at the Department of Nephrology and Kidney Transplantation at Necker Hospital in Paris, France. He joined the Paris transplant Group in 2014. Olivier Aubert defended his M.D in 2014. He obtained the Resident Award of Paris Hospitals. He defended his PhD in in biostatistics in 2017. He is currently associate professor at Necker Hospital in Paris, France.

Michelle Elias, MD, is a Nephrologist at the Department of Nephrology and Kidney Transplantation at Saint Louis Hospital in Paris, France. She joined the Paris Transplant Group in 2023. Her clinical activity is focused on renal and pancreatic transplantation and her research interest focuses on Antibody Mediated Rejection (ABMR) of kidney allografts.

Gillian Divard, MD, PhD, is a Nephrologist at the Department of Nephrology and Transplantation at Saint-Louis Hospital in Paris, France. He joined the Paris Transplant Group in 2017. He defended his M.D in 2019 and his PhD in data science in 2022. His research interest focuses on risk stratification after kidney transplantation and surrogate endpoint for kidney transplant clinical trials.

Fariza Mezine, MSc, serves as the Project Manager at the Precision Diagnostic Platform within the Paris Transplant Group, that she joined in 2021. She coordinates multicenter projects aiming to develop precision diagnostic tools for allo- and xenotransplantation.

Pierrick Arnal, Ph.D, is an entrepreneur in Digital Health and the Chief Executive Officer (CEO) at Predict4Health. He holds an academic background in neurophysiology. He is an advisor for UE and US Digital Health companies having interests in growing deeptech companies bringing high value to patients in complex and regulated ecosystems.

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