



CERTIFIES THAT

**Centro do Sangue e da Transplantação do Porto, Transplantação
Instituto Português do Sangue e da Transplantação, IP
PORTO - PORTUGAL (10-PT-003.997)**

UNDER THE DIRECTION OF

**Dr. João Paulo ALMEIDA E SOUSA, Institutional Director
Dr. Maria de Fátima Pinto Freitas, Institute Director**

HAVING MET THE REQUIREMENTS OF THE FEDERATION, ACCORDING TO THE EFI
STANDARDS 7.0, IS GRANTED ACCREDITATION FOR HISTOCOMPATIBILITY TESTING

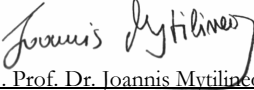
From **10 October 2019** To **10 October 2020**

Clinical Categories:

I Renal and/or Pancreatic Transplantation:		Other Solid Organ Transplantation:	
Recipient Typing	Yes	Recipient Typing	Yes
Antibody Screening	Yes	Antibody Screening	Yes
Antibody Identification	Yes	Antibody Identification	Yes
Donor Typing	Yes	Donor Typing	Yes
Cross-matching	Yes	Cross-matching	Yes
II Haematopoietic Stem Cell Transplantation:		III Disease Association Studies:	Yes
Donor Registry Typing	Yes	IV Transfusion:	-
Related Transplantation	Yes		
Unrelated Transplantation	Yes		
Cord Blood Typing	Yes		
Cross-matching	-		
Chimerism and engraftment monitoring	-		

Technical Categories:

Class I Typing by:	CDC	Flow cytometry	DNA (low)	DNA (high)	PCR-SSP	PCR-SSO	PCR-SBT	NGS
	-	-	Yes	Yes	Yes	Yes	Yes	-
Class II Typing by:	CDC		DNA (low)	DNA (high)	PCR-SSP	PCR-SSO	PCR-SBT	NGS
	-		Yes	Yes	Yes	Yes	Yes	-
MICA Typing:	-							
KIR Typing:	-							
HLA Antibody testing by:	CDC	Flow cytometry			ELISA		Bead array	
Screening	Yes	-			-		Yes	
Identification	Yes	-			-		Yes	
Cross-matching	Yes	Yes			-		-	
HNA Typing:	-				HNA antibodies:		-	
HPA Typing:	-				HPA antibodies:		-	


Adj. Prof. Dr. Joannis Mytilineos
President


Dr. Andrea Harmer
Chair, Accreditation Committee