

I^o THEORETICAL AND PRACTICAL TRAINING IN HAEMATOLOGICAL RARE DISEASES: from genetic counselling - through bench - to bed - 17-23 Sept 2017

Program at a glance: Clinical and Laboratory Activity

	Sun Sept. 17	Mon Sept. 18	Tue Sept. 19	Wed Sept. 20	Thu Sept. 21	Fri Sept. 22	Sat Sept. 23
08:00	A: Lectures Meet the expert	A: Liver, HCC Treatment	A: Iron Overload Ambulatory	A: Liver Ambulatory on Hepatitis* and HCC**	Transfer		
09:00	S: Aula Magna "M.Vignola"	T: F. Valenza and R.Barone	T: L. Pitrolo and A. Giangreco	T: S. Madonia*, R. Barone* and R.Virdone**	A: Liver Transplant	A: Heart Ambulatory	
10:00	Time: 8:30 - 13:30	S: Villa Sofia - TAC	S: Campus of Haematology - TX Area	S: Medicine Building	T: R. Volpes	T: L. Mancuso	A: Audit on I ^o Theoretical and Practical training in Haematological Rare Diseases S: CasAmica
11:00		Time: 8:00 - 12:30	Time: 8:00 - 12:30	Time: 8:00 - 13:00	S: ISMETT	S: "Antonella Gentile" ROOM - Campus of Haematology	Time: 10:30 - 12:30
12:00					Time: 9:00 - 14:00	Time: 9:00 - 13:00	
13:00		Lunch Meeting A: Fertility gametes cryopreservation T: M.C. Renda, R.Schillaci, N. Minniti, E.Fecarotta S: CasAmica Time: 13:00- 14:00	Lunch Meeting A: diagnostic and molecular approach to CDA T: F. Listi, V.Agrigento, S. Sclafani E.D'Alcamo S: CasAmica Time: 13:00 - 14:00			Lunch Meeting A: Prenatal Diagnosis: from sampling to molecular analysis T: A. Giambona, V.Cigna F. Damiani S: CasAmica Time: 13:30 - 14:30	
14:00	Light Lunch S: Aula Magna "M.Vignola" Time: 13:30- 14:30						
15:00		A: SCD Meeting T: D. Renda and G.Calvaruso S: CasAmica Time: 15:00 - 16:00	A: Liver Theoretical Meeting T: S. Madonia, R. Virdone, R. Barone, R. Volpes S: CasAmica Time: 15:00 - 16:00	A: Heart Theoretical Meeting T: L.Mancuso, G.Carmina S: CasAmica Time: 15:00 - 16:00	A: R2-LIC-Heart T2*(N ^o 8 Pz.) T: L. Tesè, G. Padovano S: Radiology Time: 15:00 - 17:00	A: HPLC Technologies and data interpretation T: S. Marivoet (TOSOH) S: CasAmica Time: 15:00 - 16:00	
16:00							
17:00							
18:00							

Participant:
1) Valeria Cento 2) Rooh-Al-Deen Najat

Supervisor:
A. Travia

Legend:

Red Activities are opened to LA and CA

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Program at a glance: Laboratory Activity

Haematopoietic and Mesenchymal Stem Cell Transduction by Recombinant-lentiviral Vectors

	Sun Sept. 17	Mon Sept. 18	Tue Sept. 19	Wed Sept. 20	Thu Sept. 21	Fri Sept. 22	Sat Sept. 23
08:00	A: Lectures Meet the expert		A1: Cell sorting of a T cell specific population from PB- mononuclear Cells				A2: Flow cytometry analysis to evaluate the transduction efficiency
09:00	S: Aula Magna "M.Vignola"	A1: Mononuclear cells isolation by Ficolle-Plaque	A2: HSC and MSCs transduction by GFP/lentiviral vector	A3: real Time-PCR for vector copy number (VCN)	A3: Data collection of VCN determination	A4: Flow cytometry characterization of WJ-MSCs and HSCs	S: F-Building, Gene Therapy LAB.
10:00	Time: 8:30 - 13:30	A2: Setting cellular trasduction	Time: 9:00 - 12:30	Time: 9:00 - 12:30	Time: 9:00 - 12:30	Time: 9:00 - 12:30	
11:00		S: F-Building, Gene Therapy LAB.	S: Campus of haematology LAB. / F-Building, Gene Therapy LAB.	S: F-Building, Gene Therapy LAB.	S: F-Building, Gene Therapy LAB.	S: F-Building, Gene Therapy LAB.	A: Audit on 1 st Theoretical and Pratical training in Haematological Rare Diseases
12:00							S: CasAmica
13:00		Lunch Meeting	Lunch Meeting			Lunch Meeting	Time: 10:30 - 12:30
14:00	Light Lunch	A: Fertility: gametes cryopreservation	A: diagnostic and molecular approach to CDA			A: Prenatal Diagnosis: from sampling to molecular analysis	
15:00	S: Aula Magna "M.Vignola"	T: M.C. Renda, R.Schillaci, N. Minniti, E.Fecarotta	T: F. Listi, V.Agrigento, S. Sciafani, E.D'Alcamo	A: Heart Theoretical Meeting	Technical Protocols:	T: A. Giambona, V.Cigna F. Damiani	
16:00	Time: 13:30- 14:30	S: CasAmica	S: CasAmica	T: L.Mancuso, G.Carmina	Background information;	S: CasAmica	
17:00		A: Cell Sorting	A: Liver Theoretical Meeting	S: CasAmica	critical parameters;	A: HPLC Technologies and data interpretation	
18:00		T: Jorge Antonio Formaro (Beckman Coulter)	T: S. Madonia, R. Virdone, R. Barone, R. Volpes	Time: 15:00 - 16:00	anticipated results	T: S. Manivoet (TOSOH)	
		S: Aula Fici	S: CasAmica	Time: 15:00 - 16:00	Time: 15:00 - 16:00	S: CasAmica	
		Time: 15:00 - 16:00	Time: 15:00 - 16:00	S: F-Building, Gene Therapy LAB		Time: 15:00 - 16:00	

Participant:
1) Gabr Hala 2) Wael Abo El-Kheir

Tutors:
Elena Baiamonte, Melania Lo Iacono, Lia Di Stefano, S Acuto

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	Sun Sept. 17	Mon Sept. 18	Tue Sept. 19	Wed Sept. 20	Thu Sept. 21	Fri Sept. 22	Sat Sept. 23
08:00	A: Lectures Meet the expert		A: Prenatal diagnosis: clinical procedures (CVS, amniocentesis and celocentesis) and laboratory approach	A: Prenatal diagnosis: techniques of molecular analysis and evaluation of results	A: Interpretation of phenotype and correlation with genotype	A: Second level diagnosis for genetic disorders: sequencing, array-CGH and Next generation sequencing	
09:00	S: Aula Magna "M.Vignola"	A: First level diagnosis of hemoglobinopathies carrier	Time: 9:00 - 12:00 S: Rare Diseases & Prenatal Diagnosis LAB	Time: 9:00 - 12:30 S: Rare Diseases & Prenatal Diagnosis LAB	Time: 9:00 - 13:00 S: Rare Diseases & Prenatal Diagnosis LAB	Time: 9:00 - 12:30 S: Rare Diseases & Prenatal Diagnosis LAB	
10:00	Time: 8:30 - 13:30						
11:00							
12:00							
13:00		Lunch Meeting A: Fertility: gametes cryopreservation T: M.C. Renda, R.Schillaci, N. Minnis, E.Fecarotta S: CasAmica Time: 13:00 - 14:00	Lunch Meeting A: diagnostic and molecular approach to CDA T: F. Listi, V.Agrigento, S. Sciafani, E.D'Alcamo S: CasAmica Time: 13:00 - 14:00			Lunch Meeting A: Prenatal Diagnosis: from sampling to molecular analysis T: A. Giambona, V.Cigna, F. Damiani S: CasAmica Time: 13:30 - 14:30	A: Audit on 1 ^o Theoretical and Practical training in Haematological Rare Diseases S: CasAmica Time: 10:30 - 12:30
14:00	Light Lunch S: Aula Magna "M.Vignola" Time: 13:30 - 14:30						
15:00		A: Cell Sorting T: Jorge Antonio Formaro (Beckman Coulter) S: Aula Fici Time: 15:00 - 16:00	A: Liver Theoretical Meeting T: S. Madonna, R. Viridone, R. Barone, R. Volpes S: CasAmica Time: 15:00 - 16:00	A: Heart Theoretical Meeting T: J. Mancuso, G. Carmina S: CasAmica Time: 15:00 - 16:00	Technical Protocols: Background information; critical parameters; anticipated results Time: 15:00 - 16:00 S: F-Building, Gene Therapy LAB	A: HPLC Technologies and data interpretation T: S. Marivoet (TOSOH) S: CasAmica Time: 15:00 - 16:00	
16:00							
17:00							
18:00							

Participant:

1) Panchalee Tachjaree 2) Aziz Nur Aisyah Binti

Tutors:

A. Giambona, M. Cannata, G. Damiani, G. Schillaci, V. Cigna, F. Leto, F. Cassarà, M. Vinciguerra, A. Crivello, C. Passarello

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Program at a glance: Laboratory Activity

Erythroid Cell Culture and citofluorimetry as tool in Haematological Rare Diseases studies

	Sun Sept. 17	Mon Sept. 18	Tue Sept. 19	Wed Sept. 20	Thu Sept. 21	Fri Sept. 22	Sat Sept. 23
08:00	A: Lectures Meet the expert						A: Data collection and analysis Time: 9:00 - 10:30 S: F-Building
09:00	S: Aula Magna "M.Vignola"		A: Cell sorting of a specific cell population from PB- mononuclear Cells Time: 9:00 - 12:00 S: Campus of haematology	A: Reticulated Platelets Time: 9:00 - 12:30 S: F-Building	A: Erythroid cell culture (Phase I and Phase II) Time: 9:00 - 13:00 S: F-Building	A: RNA Extraction and QF-PCR Time: 9:00 - 12:30 S: F-Building, Gene Therapy LAB.	
10:00	Time: 8:30 - 13:30						A: Audit on I st Theoretical and Practical training in Haematological Rare Diseases S: CasAmica Time: 10:30 - 12:30
11:00							
12:00							
13:00		Lunch Meeting A: Fertility: gametes cryopreservation T: M.C. Renda, R.Schillaci, N. Minniti, E.Pecarotta S: CasAmica Time: 13:00 - 14:00	Lunch Meeting A: diagnostic and molecular approach to CDA T: F. Listi, V.Agrigento, S. Schifani, E.D'Alcamo S: CasAmica Time: 13:00 - 14:00			Lunch Meeting A: Prenatal Diagnosis: from sampling to molecular analysis T: A. Giambona, V.Cigna, F. Damiani S: CasAmica Time: 13:30 - 14:30	
14:00	Light Lunch S: Aula Magna "M.Vignola" Time: 13:30 - 14:30						
15:00		A: Cell Sorting T: Jorge Antonio Formaro (Beckman Coulter) S: Aula Fici Time: 15:00 - 16:00	A: Liver Theoretical Meeting T: S. Madonna, R. Virdone, R. Barone, R. Volpes S: CasAmica Time: 15:00 - 16:00	A: Heart Theoretical Meeting T: L.Mancuso, G. Carmina S: CasAmica Time: 15:00 - 16:00	Technical Protocols: Background information; critical parameters; anticipated results Time: 15:00 - 16:00 S: F-Building, Gene Therapy LAB	A: HPLC Technologies and data interpretation T: S. Marivoet (TOSOH) S: CasAmica Time: 15:00 - 16:00	
16:00							
17:00							
18:00							

Participant:
1) Memoli Mara

Tutors:
A. Pecoraro, A. Troia

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