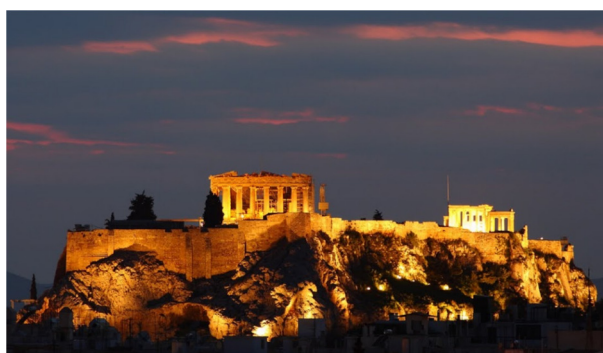




4th THALAMOSS Scientific Meeting

Markers and Targets for Theranostics of Thalassemia

5 November 2014, Athens, Greece



Acropolis

Venue Myrina Hall
STRATOS VASSILIKOS HOTEL, AIROTEL S.A.
114, MICHALAKOPOULOU STR., 115 27 ATHENS, Greece
TEL: +30 210 7706611 - FAX: +30 210 7708137
Access plan: http://www.airotel.gr/hotel/stratos_vasilikos

Organized by Basic Research Center, Biomedical Research Foundation, Academy of Athens, Athens Greece

Scientific Committee

Eleni Katsantoni (Greece), Roberto Gambari (Italy), Marina Kleanthous (Cyprus), Sjaak Philipsen (Netherlands), Stefano Rivella (USA), Petr Holub (Czech Republic), Paolo Moi (Italy), Swee Lay Thein (UK), Ersi Voskaridou (Greece), Antreas Afantitis (Cyprus), Eitan Fibach (Israel), Frank Grosveld (Netherlands), Alberto Bresciani (Italy)

Organising Committee (BRFAA)

Eleni Katsantoni, Aikaterini Nanou, Chrisavgi Toumpeki, Giorgos Giagkas, Dimitra Tsouropli, Jenny Vraca



4th THALAMOSS Scientific Meeting

Markers and Targets for Theranostics of Thalassemia

Wednesday 5 November 2014, Athens, Greece

Time	Title of the presentations
8.30-9.00	Registration
9.00-9.10	Welcome and Introductory remarks, Eleni Katsantoni
	Session 1: Mechanisms, targets and markers (Chair: Paolo Moi)
9.10-9.30	Eleni Katsantoni (Biomedical Research Foundation, Academy of Athens, Greece): STAT5 targets identification: A paradigm of understanding mechanisms of ineffective erythropoiesis in β -Thalassaemia
9.30-9.50	Marina Kleanthous (Cyprus Institute of Neurology & Genetics, Cyprus): Proteomic analysis of primary erythroid cultures induced by Decitabine
9.50-10.10	Laura Breda (Weill Cornell Medical College, USA): Comparing Strategies to Reactivate Fetal Globin Expression for the Treatment of Beta-Globinopathies
10.10-10.30	Swee Lay Thein (King's College London School of Medicine, UK): Characterization of a putative novel trans-acting factor of the beta-globin gene locus
10.30-10.50	Carsten Lederer (Cyprus Institute of Neurology & Genetics, Cyprus): Gene therapy for β -thalassaemia by genome editing
10.50-11.10	Coffee break
	Session 2: Molecular diagnosis and therapy (Chair: Ersi Voskaridou)
11.10-11.30	Roberto Gambari (University of Ferrara, Italy): Peptide nucleic acids and molecular diagnosis and therapeutic approaches for beta-thalassemia
11.30-11.50	Maria Sitarou (Larnaca Thalassaemia Clinic, Cyprus): BCL11A SNPs and correlation with phenotype in β -thalassemia patients
11.50-12.10	Effrossyni Boutou (Laiko General Hospital, Greece): Intriguing cases of thalassaemia
12.10-12.30	Georgia Melagraki (Novamechanics, Cyprus): Building Predictive Models to Explore Novel Therapies for Thalassemia
12.30-12.50	Alberto Bresciani (IRBM, Italy): Inducers of HbF: experiences from known chemical classes and identification of new active molecules
12.50	Closing of the meeting



4th THALAMOSS General Assembly Meeting 5-6 November 2014, Athens, Greece



Ceremony of Olympic flame (Olympia)

Venue

Myrina Hall

**STRATOS VASSILIKOS HOTEL, AIROTEL S.A.
114, MICHALAKOPOULOU STR., 115 27 ATHENS, Greece
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Organized by

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Basic Research Center, Biomedical Research Foundation, Academy
of Athens, Athens Greece**





**4th THALAMOSS General Assembly Meeting
Tuesday 4 November, 2014**

19.30	Departure from the main entrance of Stratos Vassilikos at 19.30 Welcome DINNER at the Restaurant "Agora Select" (20.00) http://www.agoraselect.gr/ Address: Ventiri 9 and Chatzigianni Mexi 8, 115 28 Ilisia (next to Hilton hotel)
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**Wednesday 5 November, 2014
STRATOS VASSILIKOS HOTEL, Athens, Greece**

Program	
Time	Item
13.00-14.00	LUNCH (STRATOS VASSILIKOS HOTEL, ground floor restaurant)
14.00-14.30	THALAMOSS project overview (Roberto Gambari, UNIFE) Updates/18 months report
	WPs updates
14.30-16.00	WP1 session: Recruitment, patient characterization and development of ErPC culture technologies (Chair Roberto Gambari, UNIFE) Updates on tasks <ul style="list-style-type: none"> • Task 1.1. Recruitment (Roberto Gambari, UNIFE) 15 min • Task 1.2. Clinical characterization and medical data collection (Swee Lay Thein, KCL) 15 min • Task 1.3. Development of ErPC isolation and sub-culturing (Laura Breda, CU, Carsten Lederer, CING, Roberto Gambari, UNIFE) 10+10+10 min • Task 1.4. BioBanks (Roberto Gambari, UNIFE) 10 min Discussion 20 min <ul style="list-style-type: none"> • Problems in collecting the data • Guidelines for patient clustering and classification • Other clinical questions • Problems in ErPC
16.00-16.30	Coffee Break
16.30-18.00	WP2 session: Omics analyses (Chair Eleni Katsantoni, BRFAA) Updates on tasks <ul style="list-style-type: none"> • Task 2.1. Genetic analysis (EMC) • Task 2.2. Transcriptomics analysis (Aikaterini Nanou, BRFAA) 10 min • Task 2.3. Proteomics analysis (Eleni Katsantoni, BRFAA) 10 min • Task 2.4. Functional analysis of potential disease modifiers (EMC) • Task 2.5. Generation of monoclonal antibodies (HA) Discussion <ul style="list-style-type: none"> • ErPC cultures in specific laboratories under the same protocol • Criteria for selecting patients and controls for WP2 • Collection time points and numbers of cells • Testing of differentiation stage and collection time points by FACS • Problem with slow and quick growing cultures • Freezing - thawing procedures, storage and shipment • Inter-lab comparability of samples provided for omics analyses • Globins elimination issue • Comparisons to be performed on RNA-seq data (groups, treatments etc.) • CING clinical list
18.30	Departure from the main entrance of Stratos Vassilikos at 18.30 DINNER at the Tavern "Virinis" (19.00) http://www.bestofrestaurants.gr/attiki/athina/sites/restaurants/virinis/?l=en Address: Archimidous 11, 11636, Pagkrati





Thursday 6 November, 2014

Program	
Time	Item
	WPs updates
9.00- 10.30	WP3 session: Novel therapeutic approaches (Chair Marina Kleanthous, CING) Updates on tasks <ul style="list-style-type: none"> Task 3.1. Treatment of ErPC with HbF inducers and data collection (Marina Kleanthous, CING) 15 min Task 3.2. Combination of HbF induction with correction of stop-codon mutations (Roberto Gambari, UNIFE) 15 min Task 3.3. Responsiveness of beta-thalassaemia ErPCs to gene-therapy (Carsten Lederer, CING and Laura Breda, CU) 10 + 10 min Discussion 40 min
10.30-11.15	WP4 session: Data management and analysis (Chair Petr Holub, MU) Updates on tasks <ul style="list-style-type: none"> Task 4.1. Data-gathering infrastructure and data management (Petr Holub, MU) 15 min Task 4.2. Bioinformatics analyses and patient stratification with biomarkers (Petr Holub, MU) 15 min Task 4.3 Biomarker and genotype-phenotype public database (Marina Kleanthous, CING) 15 min
11.15-11.45	Coffee Break
11.45-12.30	WP4 session Discussion
12.30-13.00	WP5 session: Dissemination and exploitation (Chair Eleni Katsantoni, BRFAA) Updates on tasks <ul style="list-style-type: none"> Task 5.1: Set-up and maintenance of the project web-site (Eleni Katsantoni, BRFAA) 5 min Task 5.2. Dissemination (Marina Kleanthous, CING) 5 min Task 5.3. Intellectual property protection for commercial exploitation (Roberto Gambari, UNIFE) 5 min Task 5.4: Exploitation and Road mapping (Andreas Afantitis, NOVAMECHANICS) 10 min Discussion 5 min
13.00-14.00	LUNCH (STRATOS VASSILIKOS HOTEL, ground floor restaurant)
14.00-14.20	WP6 session: Regulatory and ethical issues (Chair Roberto Gambari, UNIFE) Updates on tasks <ul style="list-style-type: none"> Task 6.1: Regulatory issues (Alberto Bresciani IRBM) 5 min Task 6.2: Ethical aspects (Roberto Gambari, UNIFE) 5 min Task 6.3: Gender action (Stephan Menzel, KCL) 5 min Discussion 5 min
14.20-14.50	WP7 session: Program management (Chair Roberto Gambari, UNIFE) Updates on tasks <ul style="list-style-type: none"> Task 7.1: Implementation of project management structures (Roberto Gambari, UNIFE) 5 min Task 7.2: Project management (Roberto Gambari, UNIFE) 5 min Task 7.3: IPR management (Alberto Bresciani, IRBM) 5 min Discussion 15 min <ul style="list-style-type: none"> Detailed Planning for the next 12 months
14.50	Closing of the GA meeting-Roberto Gambari and Eleni Katsantoni
14.50-15.10	Coffee Break
15.10-17.00	Working group meetings <ul style="list-style-type: none"> Working Group Genotyping-SNPs (Leader: Moi, Members: Menzel, Fanis, Balassopoulou, Chassanidis) Participants: all involved



	<ul style="list-style-type: none"> • Working Group Clinical parameters (Leader: Voskaridou, Members: Gamberini, Moi, Holub, Kountouris, Boutou) Participants: all involved • Working Group ErPC-Transcriptomics-Proteomics (Leader: Katsantoni, Members: Philipsen, Gambari, Lederer, Rivella, Breda, Fibach) Participants: all involved • Working Group for checking the final clinical list for WP2 (Gambari, Moi, Voskaridou, Kleanthous)
17.00-18.00	4th THALAMOSS Steering Committee Meeting
	Social Evening
15.00	For attendants not participating in the working groups and SC meeting: Departure from the main entrance of Stratos Vassilikos at 15.00 Visit to the Acropolis museum , 15 Dionysiou Areopagitou Street, 11742 http://www.theacropolismuseum.gr/en
18.30	Departure from the main entrance of Stratos Vassilikos at 18.30 Walk at Plaka (old city centre) and Dinner at the Tavern "Mpakaliarakia, Damigos" (19.30) http://www.mpakaliarakia.gr/ Address: Kidathinaion 41, Plaka





4th THALAMOSS Steering Committee Meeting 6 November 2014, Athens, Greece



Santorini

Venue Myrina Hall
 STRATOS VASSILIKOS HOTEL, AIROTEL S.A.
 114, MICHALAKOPOULOU STR., 115 27 ATHENS, Greece
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17.00-18.00	<p>4th THALAMOSS Steering Committee Meeting 18 months report Overview of Deliverables and timetables Overview of Milestones Monitoring the DataBank with respect to inclusion of the patient data by partners/hospitals Biobanks Horizon-2020 Other issues</p> <p>Steering Committee Roberto Gambari (Italy), Marina Kleanthous (Cyprus), Sjaak Philipsen (Netherlands), Eleni Katsantoni (Greece), Stefano Rivella (USA), Petr Holub (Czech Republic), Swee Lay Thein (UK)</p>
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