

# ISTS TWIN REGISTRIES' NETWORKING MEETING IN BUDAPEST



## *International Society for Twin Studies*

15-16 April, 2019



**BUDA**  **PEST**

## ISTS Twin Registries' Networking Meeting in Budapest

The ISTS Twin Registries' Networking Meeting, which will be held between **15 and 16 April, 2019**, at **Semmelweis University, Budapest, Hungary**.

**The scope of the meeting** will include building new international collaborations in twin research and provide networking possibilities among researchers. The meeting welcomes representatives of both new and established twin registries and will offer a unique opportunity for researchers to share challenges, tips and tricks on maintaining their invaluable twin registries. For example, novel epigenetic twin studies, which require larger sample sizes, especially when studying twins suffering from rare diseases and collaboration across countries is therefore of great importance.

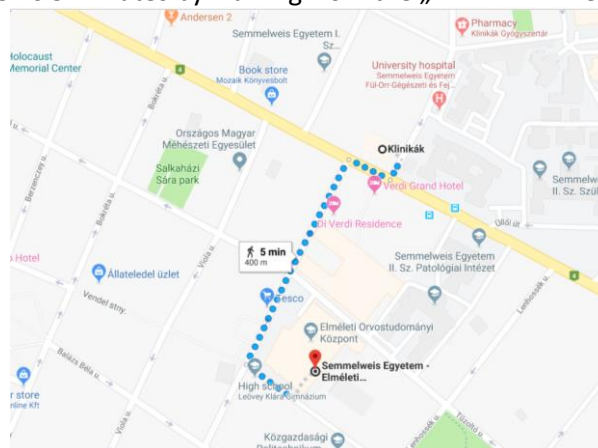
The meeting will consist of networking workshops on various topics, in which researchers can provide their already available twin data and/or being interested in future data collection for international collaboration.

**The aim of the meeting** is to provide a foundation for collaborations with the intention to further develop these collaborations during meetings at the ISTS 2019 congress in HongKong (29 to 30 November, 2019).

**Location:** Basic Medical Science Center (EOK), Semmelweis University, 37-43 Tűzoltó street, Budapest 1094, Hungary. Ground floor, left side, Seminarium rooms 1, 2 and 4.



The conference center is 5 minutes by walking from the „KLINIKÁK” metro stop (Metro line 3):



## PRELIMINARY PROGRAM OUTLINE

Monday, 15 April, 2019

	Seminarium room 1 and 2	Seminarium room 4
08.00	Registration opens	
09.00	Session 1: INTRODUCTION: Welcome address	
10.30	COFFEE BREAK	
11.00	Session 2: UPDATE OF ONGOING INTERNATIONAL COLLABORATIONS, EXCHANGE PROGRAM BETWEEN TWIN REGISTRIES	
11.55	GROUP PHOTOGRAPH	
12:00	LUNCH BREAK Location: Veranda Grill & Wine Restaurant (9 Vendel Street, Budapest, 1096)	
13:00	Session 3: UPDATE ON TWIN STUDIES IN EPIGENETICS AND MICROBIOME	
14:00	Session 4: Networking Workshops I.	
	Genetics and Epigenetics	Mental health
15:00	Session 5: Networking Workshops II.	
	Microbiome	Twin statistics
16:00	Summary of Networking Workshops I. and II.	
16:30	COFFEE BREAK: INTERNATIONAL FRIENDSHIP FOOD/DRINK TASTING	
17:00	Session 6: Networking Workshops III.	
	Metabolic, endocrinology	Neurology
17:45	Summary of Networking Workshops III.	
18:00	Facultative hands-on workshops (Departure from Seminarium room 1 at 6pm)	
19:30	Departure from conference venue to the reception	
20:00-23:00	RECEPTION on Danube (Colombus boat) Location: <b>Columbus Ship</b> , Santa Maria Hall and Danube Terrace (Budapest, kikötő, Vigadó tér 4, 1051)	

Tuesday, 16 April, 2019

	Seminarium room 1 and 2	Seminarium room 4
8:00	Session 7. EMERGING AND ESTABLISHED TWIN REGISTRIES	
9:30	Session 8: Networking Workshops IV.	
	Cardiovascular	Antropometric
10:30	Summary of Networking Workshops IV.	
11:00	COFFEE BREAK	
11:30	Session 9: Networking Workshops V.	
	Imaging, Respiratory	Biology of twinning
12:30	Session 10: Networking Workshops VI.	
	Chronic pain	Cancer
13:30	<b>LUNCH BREAK</b> <b>Location: Veranda Grill &amp; Wine Restaurant (9 Vendel Street, Budapest, 1096)</b>	
14:30	Summary of Networking Workshops V. and VI.	
15:00	Session 11: Networking Workshops VII.	
	Biomarkers / OMICS	Immunology and infection, Infectious diseases
		Menarche and female health related diseases
16:00	COFFEE BREAK	
16:30	Session 12: Networking Workshops VIII.: Exploring regional funding/exchange opportunities	
	Europe and America	Asia, Australia and Africa
17:15	Summary of Networking Workshops VII. and VIII.	
17.45	Session 13. ORGANIZER'S SESSION: TWIN RESEARCH IN HUNGARY	
18:15	Session 14. EVALUATION	
18:30	Wrap up	

## PRELIMINARY PROGRAM

**Monday, 15 April, 2019**

### **08.00 Registration opens**

**08.30 Opening of the workshop by local organisers** (Adam D. Tarnoki, David L. Tarnoki)  
(Seminarium room 1 and 2-2)

Video message from ISTS president (Jeff Craig)

### **09.00 Session 1: INTRODUCTION: Welcome address (Seminarium room 1 and 2)**

Moderator: Adam D. Tarnoki, David L. Tarnoki

Introduction of participating twin registries (3 minutes each)

1. California Twin Program, Internal Twin Registry, USA (Wendy Cozen)
2. Center For Twin Research, Osaka University Graduate School of Medicine, Japan (Rie Tomizawa, Norio Sakai, Chika Honda)
3. Danish Twin Registry, University of Southern Denmark, Denmark (Qihua Tan, Jonas Mengel-From)
4. EFPTS, Maastrich, The Netherlands (Marij Gielen)
5. Netherlands Twin Register (Gonneke Willemsen)
6. Twin Life, LUMC, Leiden, The Netherlands (Jeanine van Klink, Enrico Lopriore)
7. Hungarian Twin Registry (Adam D. Tarnoki, David L. Tarnoki)
8. Ibarapa Twin Registry, University of Ibadan, Ibadan, Nigeria (Oluwatosin Leshi)
9. Iranian Twin Birth Registry, Cancer Institute, Tehran, I.R Iran (Kazem Zendehtdel)
10. Isfahan Twins registry, Iran (Mojgan Gharipour)
11. SEDA Iranian twin registry (Roza Bahari Shargh)
12. Washington Twin Registry, Iran Twin Registry (Shayesteh Jahanfar, Glen Duncan)
13. The Healthy Twin Study, Seoul National University, Korea (Joochon Sung, Soo Ji Lee)
14. Italian Twin Register (Maria A. Stazi)
15. TwinsUK (Claire Steves, Deborah Hart)
16. Western Australian Twin Register (Nicholas de Klerk)

### **10.30 COFFEE BREAK**

**11.00 Session 2: UPDATE OF ONGOING INTERNATIONAL COLLABORATIONS, EXCHANGE PROGRAM BETWEEN TWIN REGISTRIES** (Seminarium room 1 and 2) (Moderator: Gonneke Willemsen) (5 mins each)

Wendy Cozen, Chika Honda, Gonneke Willemsen, David L. Tarnoki, Shayesteh Jahanfar, Joochon Sung, Maria A. Stazi, Claire Steves, Veronica Odintsova

**11.55 GROUP PHOTOGRAPH** (Seminarium room 1 and 2)

### **12:00 LUNCH BREAK**

**Location: Veranda Grill & Wine Restaurant (9 Vendel Street, Budapest, 1096) (see the map below)**

### **13:00 Session 3: UPDATE ON TWIN STUDIES IN EPIGENETICS AND MICROBIOME**

(Seminarium room 1 and 2)

Moderator: Shayesteh Jahanfar

13:05-13:20 Role of epigenetic twin studies. Importance of international collaborations in epigenetic studies (Joon Sung)

13:20-13:35 Epigenomics studies in newborn MC twins (Bas Heijmans)

13:35-13:50 Role of microbiome twin studies. Importance of international collaborations in microbiome studies (Chika Honda)

13:50-13:55 Discussion

### **14:00 Session 4: Networking Workshops I.**

- Genetics and Epigenetics (Seminarium room 1 and 2) (Claire Steves, Joon Sung)
- Mental health (Seminarium room 4) (Antonia Stazi)

### **15:00 Session 5: Networking Workshops II.**

- Microbiome (Seminarium room 1 and 2) (Nicholas de Klerk, Chika Honda)
- Twin statistics (Seminarium room 4) (Shayesteh Jahanfar)

### **16:00 Summary of Networking Workshops I. and II.** (Seminarium room 1 and 2)

- Genetics and Epigenetics (Claire Steves, Joon Sung)
- Mental health (Antonia Stazi)
- Microbiome (Nicholas de Klerk, Chika Honda)
- Twin statistics (Shayesteh Jahanfar)

**16:30 COFFEE BREAK: INTERNATIONAL FRIENDSHIP FOOD/DRINK TASTING** – let the others taste the speciality of your country (*please bring the food and/or drink speciality of your country!*)

### **17:00 Session 6: Networking Workshops III.**

- Metabolic, endocrinology (Seminarium room 1 and 2) (Glen Duncan, Dora Melicher)
- Neurology (Seminarium room 4) (Jeanine van Klink, Enrico Lopriore)

### **17:45 Summary of Networking Workshops III.** (Seminarium room 1 and 2)

- Metabolic, endocrinology (Glen Duncan, Dora Melicher)
- Neurology (Jeanine van Klink, Enrico Lopriore)

### **18:00 Facultative hands-on workshops** (Departure from Seminarium room 1 at 6pm):

- Imaging twin studies: how to perform the measurements? Visit in the Department of Radiology, Semmelweis University (for those who are interested in future collaboration in imaging twin studies) (Adam Tarnoki)
- Microbiome twin studies: how to perform the measurements? Visit in the Department of Microbiology, Semmelweis University (for those who are interested in future collaboration in microbiome twin studies) (Dora Melicher)

**19:00 DAY 1 ends**

**19:30 Departure from conference venue to the reception**

(Metro line 3 – round-trip public transportation ticket will be provided for foreign participants)

**20:00-23:00 RECEPTION on Danube** (Colombus boat)

Location: **Columbus Ship**, Santa Maria Hall and Danube Terrace  
(Budapest, kikötő, Vigadó tér 4, 1051)

**Tuesday, 16 April, 2019**

**8:00 Session 7. EMERGING AND ESTABLISHED TWIN REGISTRIES** (Seminarium room 1 and 2)

8:05-8:25 Application-Based Twin Registry Construction (Joon Sung)

8:25-8:50 Collaboration for grants and data merging from multiple registries (Glen Duncan)

8:50-9:10 Using geodemographical information to enrich datasets and study the gene x environment interaction (Gonneke Willemsen)

9:10-9:30 Discussion

**9:30 Session 8: Networking Workshops IV.**

- Cardiovascular (Seminarium room 1 and 2) (Gonneke Willemsen, Adam Tarnoki)
- Antropometric (Seminarium room 4) (Jonas Mengel-From, Deborah Hart)

**10:30 Summary of Networking Workshops IV.** (Seminarium room 1 and 2)

- Cardiovascular (Gonneke Willemsen, Adam Tarnoki)
- Antropometric (Jonas Mengel-From, Deborah Hart)

**11:00 COFFEE BREAK**

**11:30 Session 9: Networking Workshops V.**

- Imaging, Respiratory (Seminarium room 1 and 2) (Claire Steves, David Tarnoki)
- Biology of twinning (Seminarium room 4) (Jonas Mengel-From, Chika Honda)

**12:30 Session 10: Networking Workshops VI.**

- Chronic pain (Seminarium room 1 and 2) (Maria Antonietta Stazi)
- Cancer (Seminarium room 4) (Kazem Zendejdel)

**13:30 LUNCH BREAK**

Location: **Veranda Grill & Wine Restaurant (9 Vendel Street, Budapest, 1096)** (see the map below)

**14:30 Summary of Networking Workshops V. and VI.** (Seminarium room 1 and 2)

- Imaging, Respiratory (Claire Steves, David Tarnoki)
- Biology of twinning. Complicated MC twins (TTTS, TAPS, sIUGR, monoamniotic) (Enrico Lopriore, Chika Honda)
- Chronic pain (Maria Antonietta Stazi)
- Cancer (Kazem Zendejdel)

**15:00 Session 11: Networking Workshops VII.**

- Biomarkers / OMICS (Seminarium room 1) (Jonas Mengel-From)
- Immunology and infection, Infectious diseases (Seminarium room 2) (Wendy Cozen)
- Menarche and female health related diseases (Seminarium room 4) (Soo Ji Lee)

**16:00 COFFEE BREAK**

**16:30 Session 12: Networking Workshops VIII.: Exploring regional funding/exchange opportunities**

- Europe and America (Seminarium room 1 and 2) (Gonneke Willemsen)
- Asia, Australia and Africa (Seminarium room 4) (Norio Sakai)

**17:15 Summary of Networking Workshops VII. and VIII. (Seminarium room 1 and 2)**

- Biomarkers / OMICS (Jonas Mengel-From)
- Immunology and infection, Infectious diseases (Wendy Cozen)
- Menarche and female health related diseases (Soo Ji Lee)
- Europe and America (Gonneke Willemsen)
- Asia, Australia and Africa (Norio Sakai)

**17.45 Session 13. ORGANIZER'S SESSION: TWIN RESEARCH IN HUNGARY (Seminarium room 1 and 2)**

**18:15 Session 14. EVALUATION (Seminarium room 1 and 2)**

**18:30 Wrap up**

**REGISTRATION FEE**

Registration fee: **120 EUR per person, which includes:**

- lunch for both days
- dinner on Monday night (on the Danube, boat)
- snacks and drinks during coffee breaks

Registration fee must be transferred to the following account until **15 March, 2019:**

Name of Bank: UNICREDIT BANK, SWIFT: BACXHUHB

Account No.: 109180010000008140060010

IBAN: HU03 1091 8001 0000 0081 4006 0010

Name of account holder: MAGYAR IKERREGISZTER ALAPÍTVÁNY

We look forward to your participation.

Sincerely,

Steering committee: Prof. Dr. Jeff Craig, Dr. Lucas Ferreira

Local organisers: Adam and David Tarnoki, MD, PhD

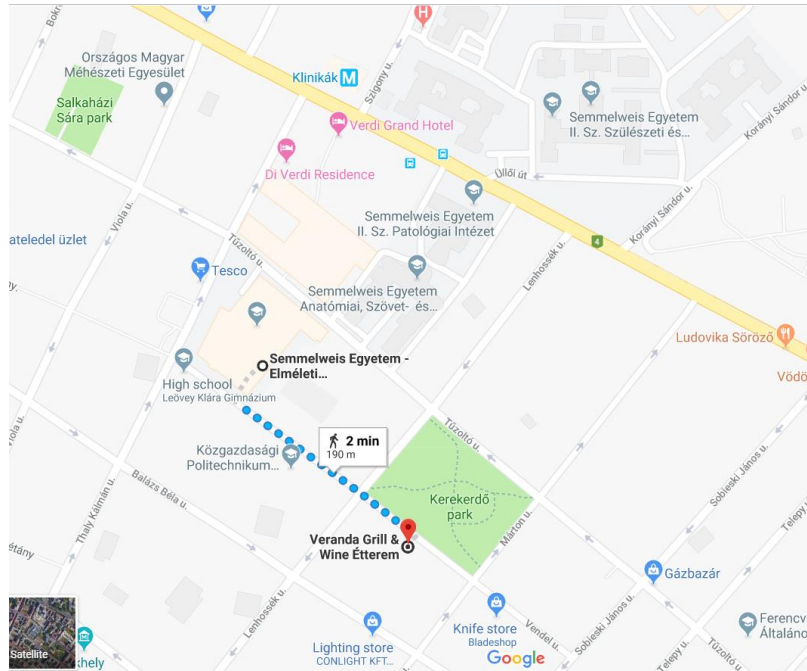


## LUNCH (MONDAY AND TUESDAY)

included in the registration fee

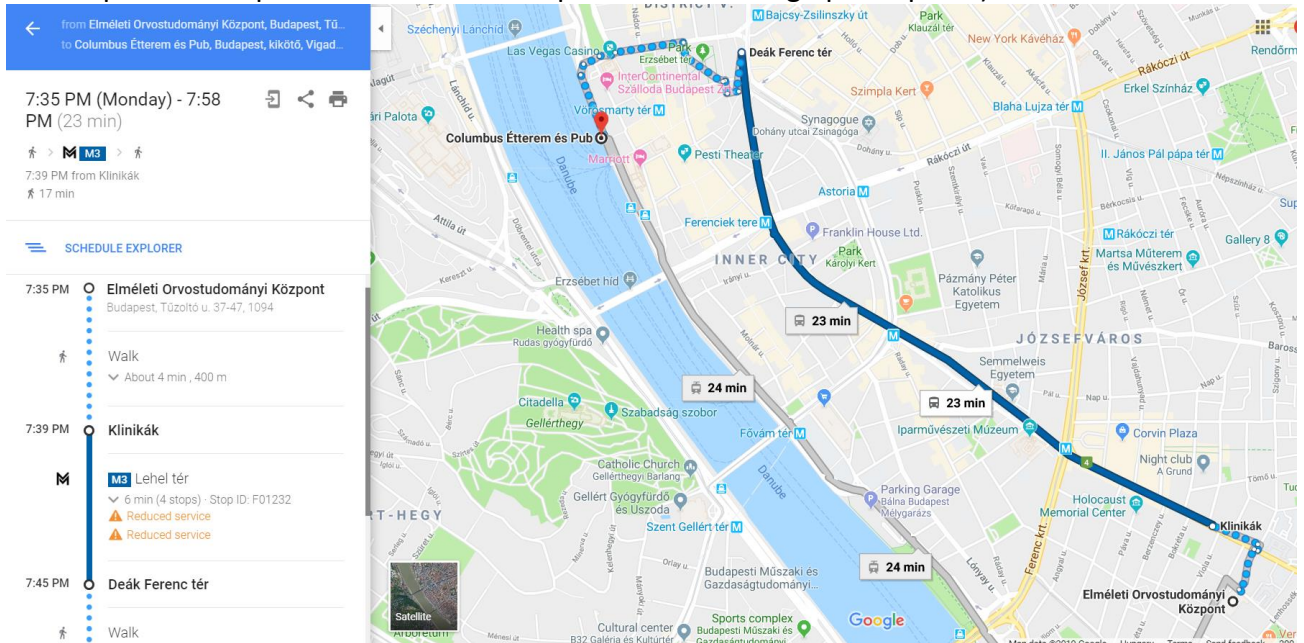
### **Veranda Grill & Wine Restaurant (9 Vendel Street, Budapest, 1096)**

- 2 mins by walking from the conference center
- buffet menu (unlimited consumption of two kinds of soup and two main courses) with a refreshment drink and coffee



# DINNER (MONDAY)

- included in the registration fee
- Date: 15 April 2019, 8pm until 11pm
- Location: **Columbus Ship**, Santa Maria Hall and Danube Terrace (North, Separated) Budapest, kikötő, Vigadó tér 4, 1051
- **Departure from congress center: 7:30pm**
- 25 mins with public transport from the conference center (Metro line 3 – round-trip public transportation ticket will be provided for foreign participants)



## **MENU:**

### **Welcome drink**

- Dry / Sweet Champagne (Törley)
- Orange juice

### **Beverage Package - Unlimited drink consumption (up to 3 hours maximum):**

- Drinking Beer (Soproni), Non-Alcoholic Beer (Heineken NA)
- Wines of the Vylyan Winery from Villány (0.15l): Villány Witch Rizling 2017, Villányi Rooster Rosé 2017, Villányi Cat Cat Portugieser 2016
- Mineral water
- Carbonated and fibrous soft drinks
- Coffee, cappuccino, tea

*(If you order an additional drink as above, you will have to pay it.)*

### **Mixed Menu**

#### ***Appetizers for 4-person mixed bowls***

- Smoked eggplant cream with garden vegetables
- Garnished chicken with Hungarian salami
- Spicy cold chicken breast with yogurt potato salad on bed
- Cognac steak with duck liver paste

#### ***Main courses on 4-person mixed bowls***

- Garlic potato pie baked with tomatoes
- Butter fillet baked with lemon
- Sweet hot grilled chicken leg fillet
- Garlic basil pork chop fillet

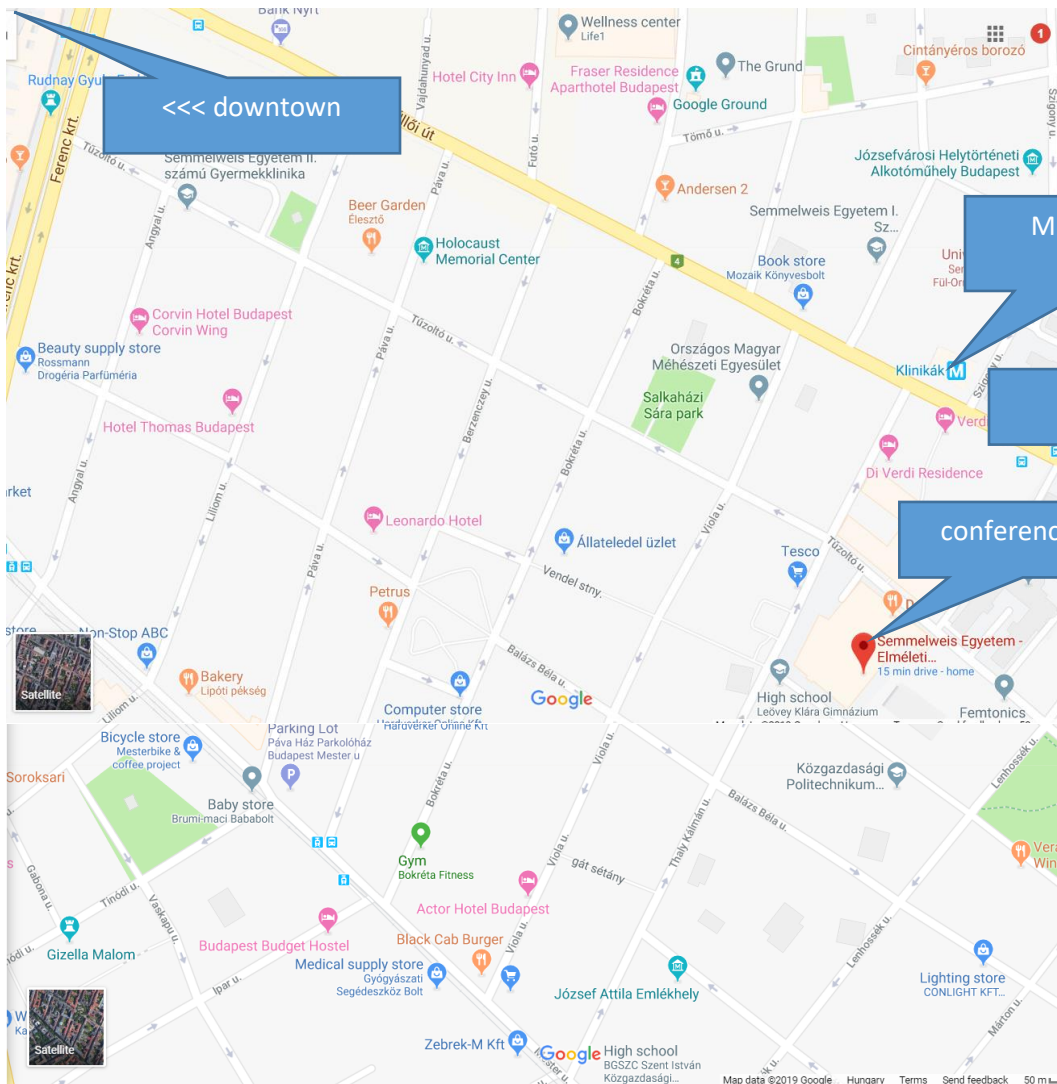
#### ***Garnishes***

- Steamed vegetables
- Scalloped potatoes
- Jasmine rice

#### ***Dessert (served on a plate)***

- Chocolate brownie with bird milk ice cream

## NEARBY HOTELS



- Verdi Grand Hotel
- Di Verdi Residence
- Actor Hotel Budapest
- Leonardo Hotel
- Budapest Budget Hostel
- Hotel Thomas Budapest
- Frasert Residence Aparthotel Budapest
- Hotel City Inn
- Corvin Hotel Budapest Corvin Wing