

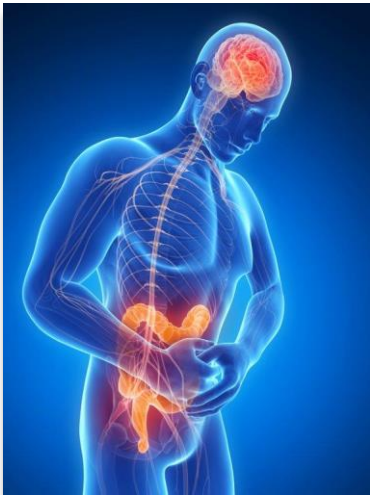


## **COST Action BM 1106 GENIEUR Final Conference**

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**‘The Genes in Irritable Bowel Syndrome Europe  
Research Network’**

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**Heidelberg, March 14 - 15, 2016**

*“ZMBH” - Zentrum für Molekulare Biologie der Universität Heidelberg,  
University of Heidelberg, Im Neuenheimer Feld 282,  
69120 Heidelberg, Germany*



COST is supported by  
the EU Framework Programme  
Horizon 2020

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## ***COST Action BM1106 GENIEUR***

### ***'The Genes in Irritable Bowel Syndrome Europe Research Network'***

<b>Title of the Meeting</b>	<b>The GENIEUR Final Conference/ Final MC Meeting</b>
Goal(s)	Dissemination activities of improved clinical instruments and standard operation procedures
Description of the activity and how it will serve the identified goal(s)	Report on their achievements during the course of the Action Involvement of new colleagues in the field of neurogastroenterology as well as other stakeholders: industry and patient support groups as well as national societies and the general public
Identification of the involved WGs	WGs 1 - 4
Contribution of the meeting from and to the WGs	Coordinators and co-coordinators of the respective WGs will report on their achievements during the course of the Action
Information on targeted audiences/participants with special emphasis on COST Policies	Attracting colleagues and getting them engaged in neurogastroenterology, psychiatry, immunology, nutrition as well as basic and clinical research; Stir up interest in GENIEUR and its achievements
Any other relevant information (e.g. links to websites, any particular individual taking the lead in the activity, invited speakers, etc)	<a href="http://www.GENIEUR.eu">www.GENIEUR.eu</a>
Specific outputs and outcomes	Final report of the Action, final reports from WGs, presentations (selected oral presentations) and posters from STSM grantees

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## Organising Committee

*Beate Niesler, Heidelberg, Germany*

*Magnus Simrén, Gothenburg, Sweden*

*Guy Boeckxstaens, Leuven, Belgium*

*Lesley Houghton, Manchester, UK*

*Qasim Aziz, London, UK*

*Mirjana Rajilić-Stojanović, Belgrade, Serbia*

*John Penders, Maastricht, Netherlands*

**The COST Action BM 1106 GENIEUR Final Conference is supported by**



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**Dr. Willmar Schwabe**  
From Nature. For Health.



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**Monday, March 14, 2016**

**8:00 - 09:30 WG Meetings**

**ZMBH, SR 20**

**WGs 1 & 2 'Establishment of gold standard for patient recruitment and characterisation' & 'Definition of quantitative traits as intermediate phenotypes for IBS'**

*Preparation of Position Paper: Status quo*

*Preparation of Final Report*

*Preparation of Brochure and Leaflet*

*Possible Funding options: Grant calls: HORIZON2020 and other open(ed?) calls*

*Any other business*

**Institute of Human Genetics, INF 366, 4<sup>th</sup> Floor, Conference Room 417**

**WG3 'Genetic studies in IBS'**

*Preparation of Final Report*

*Preparation of Brochure and Leaflet*

*Possible Funding options: Grant calls: HORIZON2020 and other open(ed?) calls*

*Any other business*

**ZMBH, SR 20A**

**WG4 'Microbiota studies in IBS'**

*Pilot study – how far have we come?*

*Dietary questionnaire*

*Preparation of Final Report*

*Preparation of Brochure and Leaflet*

*Possible Funding options: Grant calls: HORIZON2020 and other open(ed?) calls*

*Any other business*

**09:30** Coffee Break & Poster Session

**Morning Session ZMBH, Room 001**

**10:00** Welcome Address

**10:15-12:30 Genetics & Epigenetics in IBS**

**Chairs:** *Beate Niesler, Magnus Simrén*

**10:15** Candidate gene approaches *versus* genome wide analysis – achievements from GENIEUR members (*Beate Niesler, Heidelberg, Germany*)

**11:00** Epigenetics - achievements from GENIEUR members (*Javier Santos, Barcelona, Spain*)

**11:45** Genetic and pharmacological imaging in Functional GI Disorders and correlation to functional traits (*Lukas van Oudenhove, Leuven, Belgium*)

**12:30** Lunch Break

## **Afternoon Session ZMBH, Room 001**

**13:30-15:00 Microbiota in IBS**

**Chairs:** *Mirjana Rajilić-Stojanović, John Penders*

**13:30** Microbiota studies in IBS (*Jonna Jalanka, Helsinki, Finland*)

**14:15.** Influence of Gut Microbiota on the Brain – Relevance for IBS? (*Emeran Mayer, Los Angeles, USA*)

**15:00** Coffee Break & Poster session

**16:30 18:30 Oral presentations of submitted abstracts** (10 min. + 5 min. discussion)

**Chairs:** *Lukas van Oudenhove, Jonna Jalanka*

**16:30** Is vegetarianism a protective factor for irritable bowel syndrome? A case-control study (*Vasile Drug, Iasi, Romania*)

**16:45** Gut Microbiota alterations in Major Depression: Impact on Behaviour and Neurobiology (*Gerard Clarke, Cork, Ireland*)

**17:00** Gut-brain axis in antibiotic-induced gut dysbiosis: focus on metabolites and neuropeptide Y (*Peter Holzer, Graz, Austria*)

**17:15** Differential expression of miRNAs in the jejunal mucosa of IBS-D is involved in intestinal epithelial barrier dysfunction through modulation of specific tight junction proteins (*Cristina Martínez, Heidelberg, Germany*)

**17:30** Mixture-model based subgrouping of patients with IBS (*Annikka Polster, Gothenburg, Sweden*)

**17:45** Decreased proinflammatory profile and increased corticotropin-releasing factor in mucosal eosinophils in association with clinical manifestations diarrhea-prone irritable bowel syndrome (*Eloísa Salvo-Romero, Barcelona, Spain*)

**18:00** Impaired miRNA regulation as molecular cause of altered 5-HT<sub>4</sub> receptor signalling in irritable bowel syndrome (*Stefanie Schmitteckert, Heidelberg, Germany*)

**18:15** A randomised, phase I, double-blind, crossover study on pharmacokinetics of peppermint oil capsules in healthy volunteers: enteric-coating versus colon-targeted-delivery (*Zsa Zsa Weerts, Maastricht, Netherlands*)

**20:00** Dinner and Get Together at the *Kulturbrauerei Heidelberg*

**Tuesday, March 15, 2016**

**8:30 - 09:30 WG Meetings**

**ZMBH, SR 20**

**WGs 1 & 2 'Establishment of gold standard for patient recruitment and characterisation' & 'Definition of quantitative traits as intermediate phenotypes for IBS'**

*Preparation of Position Paper: Status quo*

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*Any other business*

**Institute of Human Genetics, INF 366, 4<sup>th</sup> Floor, Conference Room 417**

**WG3 'Genetic studies in IBS'**

*Preparation of Final Report*

*Preparation of Brochure and Leaflet*

*Possible Funding options: Grant calls: HORIZON2020 and other open(ed?) calls*

*Any other business*

**ZMBH, SR 20A**

**WG4 'Microbiota studies in IBS'**

*Pilot study – how far have we come?*

*Dietary questionnaire*

*Preparation of Final Report*

*Preparation of Brochure and Leaflet*

*Possible Funding options: Grant calls: HORIZON2020 and other open(ed?) calls*

*Any other business*

**09:30** Coffee Break & Poster Session

**Morning Session ZMBH, Room 001**

**10:00-11:30 Phenotyping of patients**

**Chairs:** *Guy Boeckxstaens, Qasim Aziz*

**10:00** Symptom-based criteria to phenotype IBS patients: pros and cons (*Fermín Mearin, Barcelona, Spain*)

**10:45** Biomarkers and function testing in IBS: added value for phenotyping?" (*Magnus Simrén, Gothenburg, Sweden*)

## Achievements of the COST Action BM1106 GENIEUR

**Chairs:** *Beate Niesler, Magnus Simrén*

### **11:30 - 12:30 Collaborations and initiatives born during the COST Action BM1106 GENIEUR**

**11:30** Collaborations within the GENIEUR network: personal experience (*Lukas van Oudenhove, Leuven, Belgium*)

**11:45** Bendy joints and functional gut disorders: the EU collaborative network (*Qasim Aziz, London, UK*)

**12:00** Collaborations on Microbiome in IBS within the GENIEUR network (*John Penders, Maastricht, Netherlands*)

**12:15 The UEG LINK Award: Harmonisation and implementation of minimal requirement Protocols for phenotype-genotype characterisations to facilitate pan-EU collaborations in IBS: HELP EU in IBS** (*Daisy Jonkers, Maastricht, Netherlands*)

**12:30** Lunch Break

## **Afternoon Session ZMBH, Room 001**

### **13:30-14:15 Short Term Scientific Missions (STSMs) during the COST Action BM1106 GENIEUR**

**Chairs:** *Qasim Aziz, Daisy Jonkers*

**13:30** Associations of polymorphisms of the serotonin type 3 receptor *HTR3* genes and SERT gene *SLC6A4* with gastrointestinal symptoms, anxiety and depression in IBS – lessons learned regarding genetic association studies (*Sabrina Berens, Heidelberg, Germany*); *STSM Heidelberg - Leuven*

**13:45** COST Action GENIEUR: Stimulating Research and Networking (*Daniel Pohl, Zürich, Switzerland*) *STSMs Zürich - London/ Zürich - Gothenburg/ Zürich - Leuven*

**14:00** From brain imaging to connective tissue: experiences from the STSM exchange (*Daniel Keszthelyi, Maastricht, Netherlands*) *STSM Maastricht – London*

**14:15** Concluding remarks

## **For COST Action BM1106 GENIEUR Management Committee Members**

**14:30** Management Committee Meeting **ZMBH, Room 001**

## HOW TO GET TO THE MEETING VENUE

***“ZMBH” - Zentrum für Molekulare Biologie der Universität Heidelberg, Im Neuenheimer Feld 282, D-69120 Heidelberg, Germany***

### FROM THE AIRPORT

The nearest airport to Heidelberg is the one in Frankfurt/Main (FRAPORT). You will need roughly 40 – 45 minutes by train to get to the Heidelberg Main Station. It might take longer when you're travelling by car due to frequent road constructions and very heavy traffic.

### BY RAILWAY

You can view the German railway schedules or book train tickets online (e.g. from Frankfurt/Main to Heidelberg) through the “Deutsche Bahn AG” (only in German!) at [www.bahn.de](http://www.bahn.de).

### BY PUBLIC TRANSPORTATION, STARTING AT THE HEIDELBERG MAIN STATION (HAUPTBAHNHOF)

A website with all the necessary time schedules and information is available (only in German!) at [www.vrn.de](http://www.vrn.de). Directions in English will follow below:

#### CHOOSE ONE OF THE FOLLOWING OPTIONS

- Take tram No. 21 or 24 and get off at "Jahnstrasse"

**OR**

- Take bus line No. 32 and get off at the stop called "Chirurgische Klinik" right in front of the German Cancer Research Center (DKFZ)

**OR**

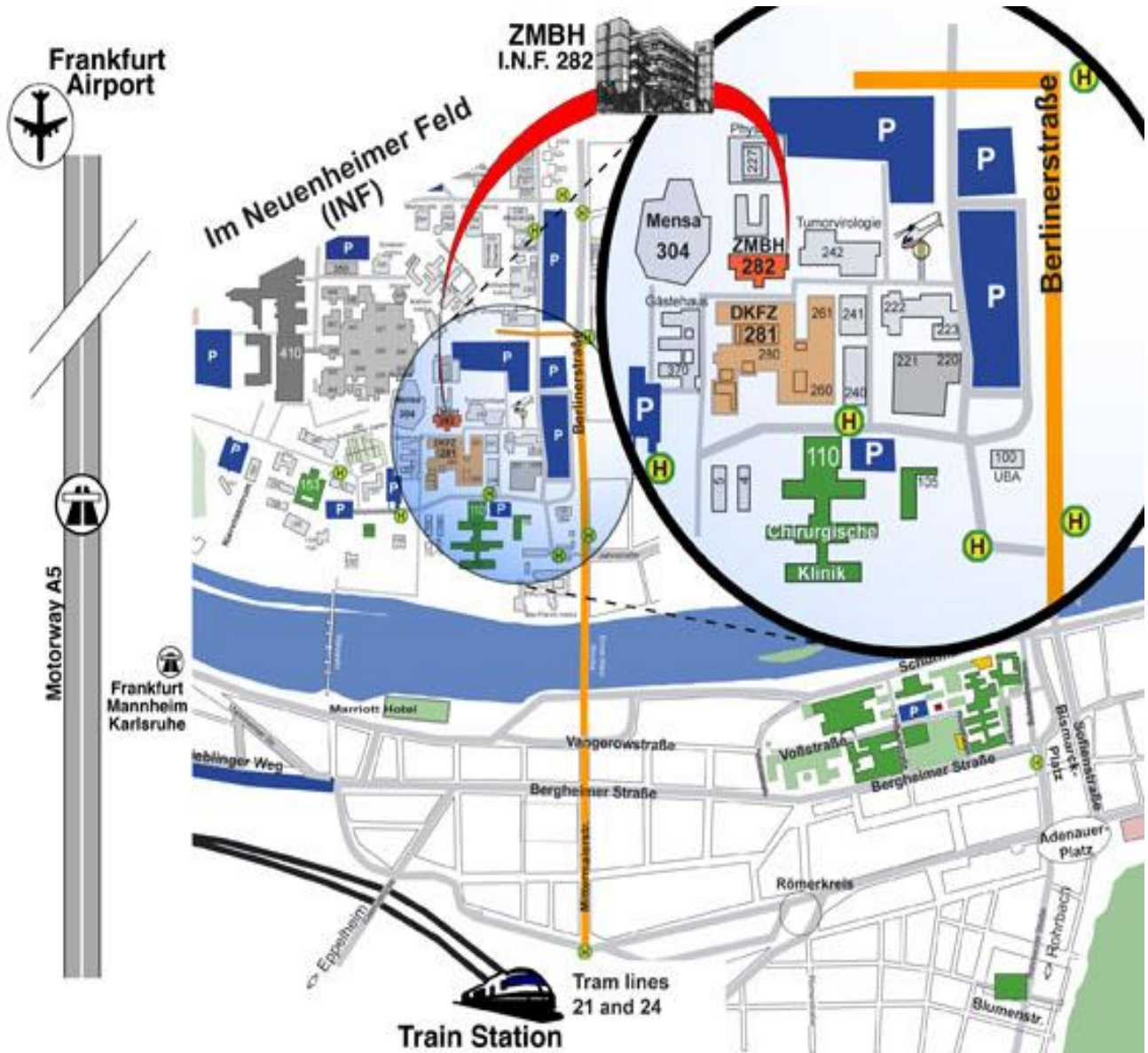
- Take bus line No. 31 and get off at the stop called "Bunsengymnasium"

**THEN:**

- Walk towards the "Neuenheimer Feld" (pdf with a map of the Neuenheimer Feld). The ZMBH is located right behind the DKFZ.



Map of the Campus “Im Neuenheimer Feld” and the  
ZMBH – INF 282



## Recommended Hotels in Heidelberg

Hotel Name	Address	Phone	Homepage	Price in € Single Room
<b>Boarding House</b>	Rohrbacher Str. 32 (between Old City and Campus)	+49-(0)6221-434050	<a href="http://boardinghouse-hd.de/">http://boardinghouse-hd.de/</a>	69 - 89
<b>Café Frisch</b>	Jahnstr. 34 (10 min walking distance to campus/conference site, close to the banks of the river)	+49-(0)6221-45750	<a href="http://cafe-frisch.de/">http://cafe-frisch.de/</a>	68 - 78
<b>Guest House</b>	Bergheimer Str. 24	+49-(0)6221-872710	<a href="http://guesthouse-hd.de">http://guesthouse-hd.de</a>	Studios – starting at 79
<b>Hotel Auerstein</b>	Dossenheimer Landstr. 82 (more rural area /city limits)	+49-(0)6221-6499700	<a href="http://auerstein.de">http://auerstein.de</a>	79 - 129
<b>Hotel Bayrischer Hof</b>	Rohrbacher Str. 2	+49-(0)6221-872880	<a href="http://bayrischer-hof-heidelberg.de">http://bayrischer-hof-heidelberg.de</a>	110
<b>Hotel Central</b>	Kaiserstr. 75 (close to the main station)	+49-(0)6221-20641	<a href="http://www.hotel.de/de/hotel-central/hotel-118631/">http://www.hotel.de/de/hotel-central/hotel-118631/</a>	59 - 84
<b>Hotel Denner</b>	Bergheimer Str. 8	+49-(0)6221-604510	<a href="http://denner-hotel.de">http://denner-hotel.de</a>	89 - 99
<b>Hotel Ibis</b>	Willy-Brandt-Platz 3 (next to the main station)	+49-(0)6221-9130	<a href="http://ibis-heidelberg.com">http://ibis-heidelberg.com</a>	58 - 68
<b>Hotel Qube</b>	Bergheimer Str. 74	+49-(0)6221-187990	<a href="http://qube-hotel-heidelberg.de/">http://qube-hotel-heidelberg.de/</a>	99 - 109
<b>nH Hotel</b>	Bergheimer Str. 91	+49-(0)6221-132710	<a href="http://www.nh-hotels.de/hotel/nh-heidelberg">http://www.nh-hotels.de/hotel/nh-heidelberg</a>	Starting at 111 €

Please note that prices and services (e.g. with/without breakfast) may vary when you are booking through online booking services such as “booking.com” etc.

For further information please visit Heidelberg’s Tourism homepage: <https://www.tourism-heidelberg.com/>