"The Genes in Irritable Bowel Syndrome Research Network Europe (GENIEUR)"

Meeting Bologna September 5-6, 2012
Venue: Complesso Belmeloro, Aule Via Belmeloro, Building B, Rooms 1 – 4, University of Bologna

Final Program

September 5, 2012

Room 1
9:00 Welcome Address
Welcome to Bologna – Giovanni Barbara
Welcome and some historical background: How it all started – Beate Niesler
Welcome – Magnus Simren

Room 1
9:30 Plenary Sessions

GENIEUR Starting Meeting – Intro

10:15 Coffee

Room 1
10:30 GENIEUR Starting Meeting – Specific Information

MAJOR FOCUS

Strategy planning
Feasible recruitment standard and intermediate phenotypes WGs 1&2
Counselling volunteers

Biobanking Efforts
- Current resources
- Biobanking policy
Ideas on types of analyses and required materials

Organisatorial issues

Dissemination tools
4 STSMs during first year
Management Committee nominations

eCOST system
  • SPAM
  • Reimbursement claims

12:00 Lunch

Working group meetings for WG core groups only

13:30 -16:30 Working group meetings – informal discussion of working program

Room 1
WG no.1: Clinics: Establishment of gold standard for patient recruitment and characterization
Guy Boeckxstaens, Lesley Houghton
  13:30: Welcome
  13:35-13:50: Diagnostic criteria of IBS - Johann Hammer
  13.50-14:05: Patient recruitment in Zurich: how do we do it? - Daniel Pohl
  14.05-14:20: Psychological questionnaires: what do they tell us? - Magnus Simren
  14:20-14:30: From where to recruit patients? (outpatient clinic, public advertisement, primary care, secondary ...)
  14:30-15:00: Patient selection: criteria used / required investigations
  15:00-15:15: Patient characterization: demographics
  15:15-15:30: Patient characterization: symptom profile
  15:30-16:00: Patient characterization: psychological aspects (incl. traumatic events)
  16:00-16:30: Patient characterization: other risk factors (diet, concomitant diseases (allergy, auto-immune))

Room 2
WG no.2: Definition of quantitative traits as intermediate phenotypes for IBS
Michael Schemann, Michel Neunlist
  WG no.2: Phenotyping IBS by defined pathophysiology
  13:30-13:45 WG 2 - INTRO (key objectives of WG, deliverables of 1st meeting, introducing agenda) - Michael Schemann
  13:45 – 14:00 Potential of human samples to define pathophysiology - Michel Neunlist
  14:00 - end Discussion (type(s) of samples, transport and storage conditions/ Definition of SOPs for sample collection, processing and storage. Ethical approval.)
Room 3
WG no.3: Genetic studies in IBS
Beate Niesler, Mauro D’Amato

WG 3 – INTRO (key objectives of WG, deliverables of 1st meeting, introducing agenda)

13:45 State of the Art: Genetic Studies in IBS so far - Beate Niesler

14:00 The challenge of complex disease genetics - Lessons learned from IBD studies - Mauro D’Amato

14:15 Familial cases of extreme GI phenotypes may help to nail down genetics in FGID – A recent success - Torunn Fiskerstrand

14:35 Available Material– ongoing studies - Mauro D’Amato, Beate Niesler

14:50 Discussion: type(s) of samples, transport and storage conditions/ Definition of SOPs for sample collection, processing and storage

15:50 Collection of topics – discussion to define which parameters are relevant for genetic/epigenetic studies in IBS

Room 4
WG no.4: Microbiome studies in IBS
John Penders, Mirjana Rajilic

WG 4 – INTRO (key objectives of WG, deliverables of 1st meeting, introducing agenda)

13:45 What is already known about the microbiota diversity and its relation to IBS? - Mirjana Rajilic

14:00 Which techniques are available for the analysis of the microbiota diversity? - John Penders

14:15 Beyond diversity, what are pros and cons of application of metaproteomics, metatranscriptomics and metabolomics? - Jeroen Raes

14:35 Effect of storage conditions on intestinal microbiota in functional metagenomics - Chays Manichanh

14:50 Discussion: type(s) of samples, transport and storage conditions/ Definition of SOPs for sample collection, processing and storage

15:50 Collection of metadata – discussion to define which parameters are relevant for microbiome studies in IBS
17:00 -19:30 Management Committee Meeting

20:00 Dinner at the Restaurant
LA CANTINA BENTIVOGLIO
www.cantinabentivoglio.it

September 6, 2012

Working group meetings for WG core groups only

08:00-11:00 Working group meetings - Summary of guidelines and plans, preparation of presentation for the plenary session

In between 09:30 Coffee

Room 1
WG no.1: Clinics: Establishment of gold standard for patient recruitment and characterization

Room 2
WG no.2: Definition of quantitative traits as intermediate phenotypes for IBS

Room 3
WG no.3: Genetic studies in IBS

Room 4
WG no.4 and title: Microbiome studies in IBS

Room 1
11:00 Plenary Session: Final presentation of the Working Groups: Summary Output from First WG Meeting

11:00 WG no.1: Clinics: Establishment of gold standard for patient recruitment and characterization

11:15 WG no.2: Definition of quantitative traits as intermediate phenotypes for IBS

11:30 WG no.3: Genetic studies in IBS

11:45 WG no.4: Microbiome studies in IBS

Concluding Remarks

12:00 Lunch

Thanks to ALMA MATER STUDIORUM UNIVERSITY OF BOLOGNA