



European
Crohn's and Colitis
Organisation

Inflammatory Bowel Diseases

Y-ECCO Basic Science Workshop



Programme 2016-2022

www.ecco-ibd.eu

8th Y-ECCO Basic Science Workshop

Date: Wednesday, February 16, 2022
Time: 12:30-16:30
Organisation: Y-ECCO
Recommended for: Basic scientists, Physicians, Paediatricians, Surgeons, IBD Nurses
 Other professions are kindly invited to register.
Registration: ECCO Membership 2022 required
 Online registration
CME accreditation: 3 CME Credits; prerequisite: completion of the online evaluation form

Wednesday, February 16, 2022

(as per February 9, 2022)

12:30 - 12:35	1: Introduction J. Burisch, Hvidovre, Denmark
12:35 - 13:50	Session 1: New Challenges in Immunology N. Björkström, Stockholm, Sweden C. Hedin, Stockholm, Sweden
12:35 - 13:05	2: New Challenges in Immunology N. Björkström, Stockholm, Sweden
13:05 - 13:20	3: Abstract presentation: Myeloid and lymphoid cell abnormalities persist in the intestinal mucosa of patients who recover from COVID-19 infection H. Meringer, New York, United States
13:20 - 13:35	4: Abstract presentation: Functional viral neutralisation responses after SARS-CoV-2 infection in Inflammatory Bowel Disease patients receiving infusion therapies: report from the ICARUS-IBD Consortium J. Wellens, Leuven, Belgium
13:35 - 13:50	5: Abstract presentation: Identification of an intestine-derived ex-Trm population in the blood of healthy individuals and patients with Inflammatory Bowel Disease B. Rodger, London, United Kingdom
13:50 - 14:15	Meet the speakers break

14:15 - 15:30	Session 2: Predicting the Future P. Rosenstiel, Kiel, Germany B. Verstockt, Leuven, Belgium
14:15 - 14:45	6: Predicting the Future P. Rosenstiel, Kiel, Germany
14:45 - 15:00	7: Abstract presentation: In-depth characterisation of the serum antibody epitope repertoire in Inflammatory Bowel Disease by high-throughput phage-displayed immunoprecipitation sequencing A. Bourgonje, Groningen, The Netherlands
15:00 - 15:15	8: Abstract presentation: Intestinal lymphoepithelial interactions in Crohn's disease: modeling alphaE-beta7 and NKG2D blockade N. Hammoudi, Paris, France
15:15 - 15:30	9: Abstract presentation: Single-cell analysis of gut mucosal- and peripheral blood cells in ulcerative colitis patients undergoing vedolizumab treatment N. Karmi, Groningen, The Netherlands
15:30 - 16:30	Session 3: Getting Published! J. Burisch, Hvidovre, Denmark L. Egan, Galway, Ireland
15:30 - 15:45	10: Getting Published! L. Egan, Galway, Ireland
15:45 - 16:00	11: Understanding the mechanisms of anti-TNF treatment failure in patients with Crohn's Disease: A proteomic analysis of the PANTS cohort N. Chanchlani, Exeter, United Kingdom
16:00 - 16:15	12: CCR6 blockade as novel therapeutic strategy against Inflammatory Bowel Disease S. Bertoni, Parma, Italy
16:15 - 16:30	13: Closing remarks and Y-ECCO best abstract awards J. Burisch, Hvidovre, Denmark

7th Y-ECCO Basic Science Workshop

- Date:** Friday, July 2, 2021
Time: 14:30-17:45
Organisation: Y-ECCO
Recommended for: Basic scientists, Physicians, Paediatricians, Surgeons, IBD Nurses
 Other professions are kindly invited to register.
Registration: ECCO Membership 2021 required
 Online registration
 Registration fee: 65 EUR (incl. 20% Austrian VAT)
 50% reduction for Y-ECCO, Affiliate & IBD Nurse Members
CME accreditation: 2 CME credits; prerequisite: completion of the online evaluation form

Friday, July 2, 2021

14:30 - 14:35	1: Introduction C. Hedin, Stockholm, Sweden
14:35 - 15:40	Session 1: Systems biology C. Hedin, Stockholm, Sweden S. Schreiber, Kiel, Germany
14:35 - 14:55	2: Generating complex data to unravel IBD S. Schreiber, Kiel, Germany
14:55 - 15:10	3: Abstract presentation: αEB7 positive $\gamma\delta$ T cells are associated with mucosal healing in Ulcerative Colitis and have a homeostatic immunophenotype R. Dart, London, United Kingdom
15:10 - 15:25	4: Abstract presentation: Ulcerative Colitis associated single nucleotide polymorphisms found in transcription factor binding sites effect key pathogenesis pathways and facilitate patient stratification D. Modos, Cambridge, United Kingdom
15:25 - 15:40	5: Abstract presentation: Serum proteomics predict endoscopic remission in patients with Crohn's Disease D. Alsoud, Leuven, Belgium
15:40 - 15:50	Break

15:50 - 16:55	Session 2: Modelling IBD M. Samaan, London, United Kingdom S. Zeissig, Dresden, Germany
15:50 - 16:10	6: Models of IBD S. Zeissig, Dresden, Germany
16:10 - 16:25	7: Abstract presentation: Endoscopically injected allogeneic mesenchymal stromal cells alter the mucosal immune cell compartment in patients with Ulcerative Proctitis L. Ouboter, Amsterdam, The Netherlands
16:25 - 16:40	8: Abstract presentation: Effects of exposure to steroids on the PredictSURE whole blood prognostic assay in Inflammatory Bowel Disease D. Alsoud, Leuven, Belgium
16:40 - 16:55	9: Abstract presentation: Development of human embryonic stem cell-derived intestinal organoids for in vitro studies on intestinal inflammation and fibrosis E. Filidou, Alexandroupolis, Greece
16:55 - 17:05	Break
17:05 - 17:40	Session 3: Basic Science Reserach Fellowships J. Burisch, Hvidovre, Denmark B. Verstockt, Leuven, Belgium G. Pellino, Aversa, Italy
17:05 - 17:25	10: From bench to research group leader R. Atreya, Erlangen, Germany
17:25 - 17:40	11: ECCO Fellowship presentation: Targeting CD4+ T-cell plasticity in IBD A. Machicote, Hamburg, Germany
17:40 - 17:45	12: Closing remarks and Y-ECCO best abstract awards J. Burisch, Hvidovre, Denmark

6th Y-ECCO Basic Science Workshop

Date: Wednesday, February 12, 2020
Time: 12:30-16:30
Organisation: Y-ECCO
Target audience: Basic scientists, Physicians, Paediatricians, Surgeons, IBD Nurses
Registration: ECCO Membership 2020 required. No onsite registration.
CME accreditation: 3 CME Credits; prerequisite: completion of the online evaluation form.

Wednesday, February 12, 2020

*Schubert 4-5, Level 1, Reed Messe Wien
(as of January 15, 2020)*

12:30 - 12:35	1: Introduction C. Hedin, Stockholm, Sweden
12:35 - 13:50	Session 1: Inflammation at the interface D. Bettenworth, Münster, Germany H. Clevers, Utrecht, The Netherlands
12:35 - 13:05	2: Gut Organoids: Patients' avatars in the lab H. Clevers, Utrecht, The Netherlands
13:05 - 13:20	3: Abstract presentation: Cytokine responsive transcriptional networks in Inflammatory Bowel Disease A. Treveil, Norwich, United Kingdom
13:20 - 13:35	4: Abstract presentation: Multi-'omics profiling in patients with quiescent Inflammatory Bowel Disease identifies biomarkers predicting relapse N. Borren, Amsterdam, The Netherlands
13:35 - 13:50	5: Abstract presentation: Integrated network analysis using patient-specific single nucleotide polymorphism profiles uncovers new pathways involved in Ulcerative Colitis pathogenesis D. Modos, Cambridge, United Kingdom
13:50 - 14:15	Meet the speakers break

14:15 - 15:30	Session 2: Basic science from bench to bedside C. Hedin, Stockholm, Sweden C. Buskens, Amsterdam, The Netherlands
14:15 - 14:45	6: Translational Basic Science Research C. Buskens, Amsterdam, The Netherlands
14:45 - 15:00	7: Abstract presentation: Macrophages in Crohn's Disease mesentery are predominantly inflammatory and produce calprotectin M. Becker, Amsterdam, The Netherlands
15:00 - 15:15	8: Abstract presentation: The molecular landscape of perianal fistula in Crohn's Disease: Opportunities for new therapeutic approaches B. Verstockt, Leuven, Belgium
15:15 - 15:30	9: Abstract presentation: Combination of vedolizumab with tacrolimus is more efficient in reducing intestinal inflammation than vedolizumab alone in the DSS-induced acute colitis mouse model R. Manzini, Zurich, Switzerland
15:30 - 16:15	Session 3: Basic Science Reserach Fellowships M. Samaan, London, United Kingdom G. Pellino, Aversa, Italy
15:30 - 15:45	10: The role of Nlrp9b, a novel NLR member in regulating experimental colitis D. Zheng, Guangzhou, China
15:45 - 16:00	11: PTPN2 and TiO2 in the pathogenesis of Inflammatory Bowel Disease J. Conde Aranda, Zurich, Switzerland
16:00 - 16:15	12: The role of fibroblasts in the pathogenesis of Crohn's Disease-associated fistulas and in mesenchymal stem cell therapy R. Bruckner, Leiden, The Netherlands
16:15 - 16:30	13: Closing remarks and Y-ECCO best abstract awards D. Bettenworth, Münster, Germany

5th Y-ECCO Basic Science Workshop

Date:	Wednesday, March 6, 2019
Time:	12:30-16:30
Organisation:	Y-ECCO
Target audience:	Basic scientists, Physicians, Paediatricians, Surgeons, IBD Nurses
Registration:	For online registered participants only. No onsite registration.
CME accreditation:	3 CME Credits; prerequisite: completion of the online evaluation form.

Wednesday, March 6, 2019

Programme overview (as of February 1, 2019)

B3 M7-8, Hall B, Bella Center

12:30 - 12:35	1: Welcome & Introduction Demystifying complex molecular techniques Nuha Yassin, Birmingham, United Kingdom
12:35 - 13:50	Session 1: Complex genetics and functional epigenetics Charlotte Hedin, Stockholm, Sweden Dermot McGovern, Los Angeles, United States
12:35 - 13:05	2: Complex genetics and functional epigenetics Dermot McGovern, Los Angeles, United States
13:05 - 13:20	3: Abstract 1: Distinct and common gene expression profiles between inflamed ileum and colon of newly diagnosed CD patients Sare Verstockt, Leuven, Belgium Presented as P821 in the poster exhibition
13:20 - 13:35	4: Abstract 2: Signalling and transcriptional network propagation uncovers novel Ulcerative Colitis pathogenetic pathways from single nucleotide polymorphisms Dezso Modos, Cambridge, United Kingdom Presented as P011 in the poster exhibition
13:35 - 13:50	5: Abstract 3: The regulatory landscape of intestinal cells – investigating the transcriptional effect of autophagy impairment observed in Crohn's disease using organoid and network biology approaches Agatha Treveil, Norwich, United Kingdom Presented as DOP08 in DOP Session 1
13:50 - 14:15	Meet the speakers break
14:15 - 15:30	Session 2: Understanding and integrating the 'omics' in IBD Elaine Holmes, London, United Kingdom Nuha Yassin, Birmingham, United Kingdom
14:15 - 14:45	6: Understanding and integrating the 'omics' in IBD Elaine Holmes, London, United Kingdom
14:45 - 15:00	7: Abstract 4: Supplementation with butyrate producing bacteria reduces tumor load in a mouse model of colitis associated cancer Ana Montalbar-Arques, Zurich, Switzerland
15:00 - 15:15	8: Abstract 5: Myenteric plexitis and post-operative recurrence in Crohn's disease: the role of enteric glial cells and ICAM-1 Catherine Le Berre, Nantes, France
15:15 - 15:30	9: Abstract 6: The cytokine milieu in patients with Inflammatory Bowel Disease impacts the phenotype of mesenchymal stromal cells Marieke Barnhoorn, Leiden, The Netherlands
15:30 - 16:25	Session 3: Group session – Which methods should you choose? Moderators: Dominik Bettenworth, Münster, Germany Johan Burisch, Copenhagen, Denmark Nik Sheng Ding, Melbourne, Australia Expert panel: Isabelle Cleynen, Leuven, Belgium Elaine Holmes, London, United Kingdom Dermot McGovern, Los Angeles, United States
16:25 - 16:30	10: Closing remarks and Y-ECCO best abstract awards Nuha Yassin, Birmingham, United Kingdom

4th Y-ECCO Basic Science Workshop

Date:	Wednesday, February 14, 2018
Time:	13:30-16:30
Organisation:	Y-ECCO
Target audience:	Basic scientists, Physicians, Paediatricians, Surgeons, IBD nurses
Registration:	For registered participants only. No onsite registration
CME accreditation:	2 CME credits, upon return of an evaluation form filled in online

Wednesday, February 14, 2018

*Programme overview (as of January 15, 2018) –
Schubert 4-5, Congress Centre, Messe Wien*

13:35 - 14:05	2: Application and relevance of in vivo models in IBD Claudio Fiocchi, Cleveland, United States
14:05 - 14:20	3: Abstract 1: Consequences of an IL2RA locus duplication in a very early onset Inflammatory Bowel Disease patient Linda Jooose, Rotterdam, The Netherlands
14:20 - 14:35	4: Abstract 2: Gene expression profiles in inflamed colonic biopsies from newly diagnosed Crohn's Disease and Ulcerative Colitis patients differ depending on the age at diagnosis Sare Verstockt, Leuven, Belgium
14:35 - 14:50	5: Abstract 3: TIGIT expression identifies circulating CD38 effector T cells with immune regulatory properties whose frequencies at diagnosis predict disease course of paediatric IBD patients Linda Jooose, Rotterdam, The Netherlands
14:50 - 15:10	Meet the speakers break
15:10 - 16:25	Session 2: Ex vivo promises in IBD Britta Siegmund, Berlin, Germany Nuha Yassin, London, United Kingdom
15:10 - 15:40	6: Promises and perils of ex vivo models in IBD Britta Siegmund, Berlin, Germany
15:40 - 15:55	7: Abstract 4: Validation of a novel xenograft mouse model for intestinal fistulas Ramona Bruckner, Zurich, Switzerland
15:55 - 16:10	8: Abstract 5: Targeting fibroblast activation protein in Crohn's Disease intestinal strictures restores balanced deposition of extracellular matrix and reduces fibrosis Marta Truffi, Milan, Italy
16:10 - 16:25	9: Abstract 6: CCL20 and CCR6 on peripheral blood mononuclear cells (PBMC) in Inflammatory Bowel Disease (IBD): A more potent chemokine in Ulcerative Colitis? Helene Skovdahl, Trondheim, Norway
16:25 - 16:30	10: Closing remarks and Y-ECCO best abstract awards Isabelle Cleynen, Leuven, Belgium

3rd Y-ECCO Basic Science Workshop

February 15, 2017

12:30-15:30

Y-ECCO

Physicians, Paediatricians, Surgeons, IBD nurses

For registered participants only. No onsite registration

3 CME credits, upon return of an evaluation form filled in online

Wednesday, February 15, 2017

Programme overview (as of January 16, 2017) –

Room 120+121, Level 1, CCIB

12:30 - 12:35	1: Introduction Isabelle Cleynen, Leuven, Belgium
12:35 - 13:50	Session 1: Genetics in IBD – moving beyond GWAS Miles Parkes, Cambridge, United Kingdom Dominik Bettenworth, Münster, Germany
12:35 - 13:05	2: State of the art Miles Parkes, Cambridge, United Kingdom
13:05 - 13:20	3: Abstract 1: Epigenetic alterations at diagnosis predict susceptibility, prognosis and treatment escalation in Inflammatory Bowel Disease - IBD Character Alex Adams, Edinburgh, United Kingdom Please refer to P061 on page 75
13:20 - 13:35	4: Abstract 2: Metagenomics and metabolomics of patients with Inflammatory Bowel Disease and their unaffected relatives Maaïke Vancamelbeke, Leuven, Belgium Please refer to P774 on page 153
13:35 - 13:50	5: Abstract 3: Complete metabonomic and microbiota profiling identifies biomarkers for anti-TNF therapy response Nik Sheng Ding, Melbourne, Australia Please refer to P018 on page 70
13:50 - 14:10	Meet the speakers break
14:10 - 15:25	Session 2: Identifying novel targets in IBD using patient samples Jeff Barrett, Cambridge, United Kingdom Nik Sheng Ding, Melbourne, Australia
14:10 - 14:40	6: State of the art Jeff Barrett, Cambridge, United Kingdom
14:40 - 14:55	7: Abstract 4: The genetic risk in ER stress and autophagy translates into quantifiable epithelial ER stress levels in IBD patients Wiebe Vanhove, Leuven, Belgium
14:55 - 15:10	8: Abstract 5: Molecular profiling of early Crohn's Disease reveals a prominent role for WNT5A Sare Verstockt, Leuven, Belgium
15:10 - 15:25	9: Abstract 6: Transcriptomic profiling of intestinal macrophages isolated from patients reveals a profound gene expression reprogramming underlying IBD pathogenesis" Suranga Dharmasiri, Southampton, United Kingdom
15:25 - 15:30	Closing remarks and Y-ECCO best abstract awards Isabelle Cleynen, Leuven, Belgium

2nd Y-ECCO Basic Science Workshop

Date:	March 18, 2016
Time:	15:00-18:00
Organisation:	Y-ECCO
Target audience:	Physicians, Surgeons, Paediatricians, IBD nurses
Registration:	For registered participants only. No onsite registration.
CME accreditation:	3 CME credits, upon return of an evaluation form distributed during the workshop.

Friday, March 18, 2016

Programme overview (as of February 15, 2016)

Room E103, Level 1, RAI Amsterdam

Mouse models and microbiota in IBD	
15:00 - 15:05	1: Introduction Isabelle Cleynen, Leuven, Belgium
15:05 - 16:20	Session 1: Mouse models in IBD Markus Neurath, Erlangen, Germany Pieter Hindryckx, Ghent, Belgium Nuha Yassin, London, United Kingdom
15:05 - 15:35	2: Animal models in IBD: Pros and cons Markus Neurath, Erlangen, Germany
15:35 - 15:50	3: Abstract 1: Improvement of experimental mouse models in Inflammatory Bowel Diseases using flexible video endoscopic colon evaluation Claire Gay, Besançon, France please refer to P071 on page 75
15:50 - 16:05	4: Abstract 2: Revised roles of matrix metalloproteinase/MMP-9 in Inflammatory Bowel Diseases/IBD: From target to biomarker Magali de Bruyn, Leuven, Belgium please refer to P038 on page 71
16:05 - 16:20	5: Abstract 3: Modulation of T cell glycosylation and the control of intestinal inflammation Ana Dias, Porto, Portugal please refer to P080 on page 75
16:20 - 16:40	Meet the speakers break

Friday, March 18, 2016, cont.

Programme overview (as of February 15, 2016)

Room E103, Level 1, RAI Amsterdam

16:40 - 18:00	Session 2: Studying the microbiota in IBD Harry Sokol, Paris, France Timothy Raine, Cambridge, United Kingdom Sebastian Zeissig, Kiel, Germany	
	16:40 - 17:10	6: Microbiota research in IBD: State-of-the-art Harry Sokol, Paris, France
	17:10 - 17:25	7: Abstract 4: Exploring MECHANISMS Of IBD traNsmission In Utero through the Microbiome: The MECONIUM Study Pilot Joana Torres, New York, United States please refer to P735 on page 148
	17:25 - 17:40	8: Abstract 5+6: Host-microbiome interactions in primary sclerosing cholangitis & genetic risk for Crohn's Disease has little impact on intestinal microbiota composition João Sabino, Leuven, Belgium please refer to P737 & P742 on page 148
	17:40 - 17:55	9: Abstract 7: IBD phenotypes differ in gut microbiota composition Lukas Bajer, Prague, Czech Republic please refer to P754 on page 150
17:55 - 18:00	10: Closing remarks Isabelle Cleynen, Leuven, Belgium	