ECCO Fellowships & Grants Publications

Last update: February 25, 2021

a) Nature

ECCO Grant 2009 – Sofia Maria Buonocore:

Buonocore S, Ahern PP, Uhlig HH, Ivanov II, Littman DR, Maloy KJ, Powrie F. Innate lymphoid cells drive interleukin-23-dependent innate intestinal pathology. *Nature*. 2010;**464:**1371-5.

ECCO Fellowship 2012 – Timon E. Adolph:

Adolph TE, Tomczak MF, Niederreiter L, Ko HJ, Böck J, Martinez-Naves E, Glickman JN, Tschurtschenthaler M, Hartwig J, Hosomi S, Flak MB, Cusick JL, Kohno K, Iwawaki T, Billmann-Born S, Raine T, Bharti R, Lucius R, Kweon MN, Marciniak SJ, Choi A, Hagen SJ, Schreiber S, Rosenstiel P, Kaser A, Blumberg RS. Paneth cells as a site of origin for intestinal inflammation. *Nature*. 2013;**503:**272-6.

ECCO Fellowship 2013 – Markus Tschurtschenthaler:

Tschurtschenthaler Markus, Kachroo Priyadarshini, Heinsen Femke-Anouska, Adolph E. Timon, Rühlemann C. Malte, Klughammer Johanna, Offner A. Felix, Ammerpohl Ole, Krueger Felix, Smallwood Sébastien, Szymczak Silke, Kaser Arthur & Franke Andre. Paternal chronic colitis causes epigenetic inheritance of susceptibility to colitis. Sci. Rep., 2016 Aug 19;6:31640.

ECCO Grant 2018- Timon E. Adolph

Lisa Mayr, Felix Grabherr, Julian Schwärzler, Isabelle Reitmeier, Felix Sommer, Thomas Gehmacher, Lukas Niederreiter, Gui-Wei He, Barbara Ruder, Kai T. R. Kunz, Piotr Tymoszuk, Richard Hilbe, David Haschka, Clemens Feistritzer, Romana R. Gerner, Barbara Enrich, Nicole Przysiecki, Markus Seifert, Markus A. Keller, Georg Oberhuber, Susanne Sprung, Qitao Ran, Robert Koch, Maria Effenberger, Ivan Tancevski, Heinz Zoller, Alexander R. Moschen, Günter Weiss, Christoph Becker, Philip Rosenstiel, Arthur Kaser, Herbert Tilg & Timon E. Adolph Dietary lipids fuel GPX4-restricted enteritis resembling Crohn's disease https://doi.org/10.1038/s41467-020-15646-6 *Nature Communications* **11**, 1775 (2020).

b) Gastroenterology

ECCO Fellowship 2007 – Konstantinos Karmiris:

Karmiris K, Paintaud G, Noman M, Magdelaine-Beuzelin C, Ferrante M, Degenne D, Claes K, Coopman T, Van Schuerbeek N, Van Assche G, Vermeire S, Rutgeerts P. Influence of trough serum levels and immunogenicity on long-term outcome of adalimumab therapy in Crohn's disease. *Gastroenterology*. 2009; Nov;137(5):1628-40. doi: 10.1053/j.gastro.2009.07.062. Epub 2009 Aug 5.

ECCO Grant 2008 – Holm Uhlig:

Heindl M, Händel N, Ngeow J, Kionke J, Wittekind C, Kamprad M, Rensing-Ehl A, Ehl S, Reifenberger J, Loddenkemper C, Maul J, Hoffmeister A, Aretz S, Kiess W, Eng C,Uhlig HH. Autoimmunity, intestinal lymphoid hyperplasia, and defects in mucosal B-cell homeostasis in patients with PTEN hamartoma tumor syndrome. *Gastroenterology*. 2012;**142:**1093-1096.

c) Gut

ECCO Grant 2009 – Stefania Vetrano:

Vetrano S, Borroni EM, Sarukhan A, Savino B, Bonecchi R, Correale C, Arena V, Fantini M, Roncalli M, Malesci A, Mantovani A, Locati M, Danese S. The lymphatic system controls intestinal inflammation and inflammation-associated Colon Cancer through the chemokine decoy receptor D6. *Gut*. 2010;**59:**197-206.

ECCO Grant 2009 – Maria Elkjaer:

Elkjaer M, Shuhaibar M, Burisch J, Bailey Y, Scherfig H, Laugesen B, Avnstrøm S, Langholz E, O'Morain C, Lynge E, Munkholm P. E-health empowers patients with ulcerative colitis: a randomised controlled trial of the web-guided 'Constant-care' approach. *Gut*. 2010;**59:**1652-61.

ECCO Grant 2010 – Michael Scharl:

Scharl M, McCole DF, Weber A, Vavricka SR, Frei P, Kellermeier S, Pesch T, Fried M, Rogler G. Protein tyrosine phosphatase N2 regulates TNFα-induced signalling and cytokine secretion in human intestinal epithelial cells. *Gut*. 2011;**60:**189-97.

ECCO Fellowship 2011 – Lael Werner:

Werner L, Berndt U, Paclik D, Danese S, Schirbel A, Sturm A. TNFα inhibitors restrict T cell activation and cycling via Notch-1 signalling in inflammatory bowel disease. *Gut*. 2012;**61:**1016-27.

ECCO Fellowship 2012 – Johan Burisch:

Burisch J, Pedersen N, Cukovic-Cavka S, Brinar M, Kaimakliotis I, Duricova D, Shonová O, Vind I, Avnstrøm S, Thorsgaard N, Andersen V, Krabbe S, Dahlerup JF, Salupere R, Nielsen KR, Olsen J, Manninen P, Collin P, Tsianos EV, Katsanos KH, Ladefoged K, Lakatos L, Björnsson E, Ragnarsson G, Bailey Y, Odes S, Schwartz D, Martinato M, Lupinacci G, Milla M, De Padova A, D'Incà R, Beltrami M, Kupcinskas L, Kiudelis G, Turcan S, Tighineanu O, Mihu I, Magro F, Barros LF, Goldis A, Lazar D, Belousova E, Nikulina I, Hernandez V, Martinez-Ares D, Almer S, Zhulina Y, Halfvarson J, Arebi N, Sebastian S, Lakatos PL, Langholz E, Munkholm P; for the EpiCom-group. East-West gradient in the incidence of inflammatory bowel disease in Europe: the ECCO-EpiCom inception cohort. *Gut*. 2013 [Apr 20Epub ahead of print]

ECCO Fellowship 2013 – Markus Tschurtschenthaler:

Tschurtschenthaler Markus, Wang Jun, Fricke Cornelia, Fritz M.J. Teresa, Niederreiter Lukas, Adolph E. Timon, Sarcevic Edina, Künzel Sven, Offner A. Felix, Kalinke Ulrich, Baines F. John, Tilg Herbert & Kaser Arthur. Type I interferon signalling in the intestinal epithelium

affects Paneth cells, microbial ecology and epithelial regeneration. Gut, 2014 Dec;63(12):1921-31.

ECCO Grant 2013 – Maikel P. Peppelenbosch:

Deuring Jasper J., Fuhler Gwenny M., Konstantinov Sergey R., Peppelenbosch Maikel P., Kuipers Ernst J., de Haar Collin, van der Woude C. Janneke. Genomic ATG16L1 risk allele-restricted Paneth cell ER stress in quiescent Crohn's disease. Gut. 2014 Jul;63(7):1081-91. doi: 10.1136/gutjnl-2012-303527.

ECCO Grant 2017 – Bram Verstockt:

Verstockt B, Verstockt S, Blevi H, Cleynen I, de Bruyn M, Van Assche G, Vermeire S, Ferrante M. TREM-1, the ideal predictive biomarker for endoscopic healing in anti-TNF-treated Crohn's disease patients? Gut. 2018 Jul 14. pii: gutjnl-2018-316845. doi: 10.1136/gutjnl-2018-316845

d) Journal of Crohn's & Colitis

ECCO Grant 2008 – Christian Jakobsen:

Jakobsen C, Paerregaard A, Munkholm P, Wewer V. Environmental factors and risk of developing paediatric inflammatory bowel disease -- a population based study 2007-2009. *J Crohns Colitis*. 2013;**7:**79-88.

ECCO Fellowship 2010 – Caterina Strisciuglio:

Strisciuglio C, Duijvestein M, Verhaar AP, Vos AC, van den Brink GR, Hommes DW, Wildenberg ME. Impaired autophagy leads to abnormal dendritic cell–epithelial cell interactions. *J Crohns Colitis* 2013;**7:**534–541.

ECCO Grant 2012 – Johan Burisch:

Burisch J, Pedersen N, Cukovic-Cavka S, Turk N, Kaimakliotis I, Duricova D, Bortlik M, Shonová O, Vind I, Avnstrøm S, Thorsgaard N, Krabbe S, Andersen V, Dahlerup JF, Kjeldsen J, Salupere R, Olsen J, Nielsen KR, Manninen P, Collin P, Katsanos KH, Tsianos EV, Ladefoged K, Lakatos L, Ragnarsson G, Björnsson E, Bailey Y, O'Morain C, Schwartz D, Odes S, Giannotta M, Girardin G, Kiudelis G, Kupcinskas L, Turcan S, Barros L, Magro F, Lazar D, Goldis A, Nikulina I, Belousova E, Martinez-Ares D, Hernandez V, Almer S, Zhulina Y, Halfvarson J, Arebi N, Tsai HH, Sebastian S, Lakatos PL, Langholz E, Munkholm P; for the EpiCom-group. Environmental factors in a population-based inception cohort of inflammatory bowel disease patients in Europe - An ECCO-EpiCom study. *J Crohns Colitis*. 2013 [epub Dec 5].

Burisch J, Vegh Z, Pedersen N, Cuković-Čavka S, Turk N, Kaimakliotis I, et al. Health care and patients' education in a European inflammatory bowel disease inception cohort: An ECCO-EpiCom study. *J Crohns Colitis 2014*:in press.

ECCO Fellowship 2014 – Garg Mayur:

Garg Mayur; Hendy Philip; Ding Nik; Shaw Sophie; Hold Georgina; Hart Ailsa. The effect of vitamin D on intestinal inflammation and faecal microbiota in patients with ulcerative colitis. J Crohn's Colitis 2018 Jul 30;12(8):963-972. doi: 10.1093/ecco-jcc/jjy052.

ECCO Fellowship 2014 – Konstantinos Papamichael:

Billiet T, Papamichael K, de Bruyn M, Verstockt B, Cleynen I, Princen F, Singh S, Ferrante M, Van Assche G, Vermeire S. A Matrix-based Model Predicts Primary Response to Infliximab in Crohn's Disease. J Crohns Colitis. 2015 Dec;9(12):1120-6. doi: 10.1093/ecco-jcc/jjv156. Epub 2015 Sep 7. PMID: 26351386

Papamichael K, Rivals-Lerebours O, Billiet T, Vande Casteele N, Gils A, Ferrante M, Van Assche G, Rutgeerts PJ, Mantzaris GJ, Peyrin-Biroulet L, Vermeire S. Long-Term Outcome of Patients with Ulcerative Colitis and Primary Non-response to Infliximab. J Crohns Colitis. 2016 Sep;10(9):1015-23. doi: 10.1093/ecco-jcc/jjw067. Epub 2016 Mar 28. PMID: 27022161

Papamichael K, Baert F, Tops S, Assche GV, Rutgeerts P, Vermeire S, Gils A, Ferrante M. Post-Induction Adalimumab Concentration is Associated with Short-Term Mucosal Healing in Patients with Ulcerative Colitis. J Crohns Colitis. 2017 Jan;11(1):53-59. doi: 10.1093/ecco-jcc/jjw122. Epub 2016 Jul 11. PMID: 27402915

ECCO Grant 2014 – Marcus Claesson:

Laserna-Mendieta EJ, Clooney AG, Carretero-Gomez JF, Moran C, Sheehan D, Nolan JA, Hill C, Gahan CGM, Joyce SA, Shanahan F, Claesson MJ. Determinants of Reduced Genetic Capacity for Butyrate Synthesis by the Gut Microbiome in Crohn's Disease and Ulcerative Colitis. J Crohns Colitis. 2018 Jan 24;12(2):204-216. doi: 10.1093/ecco-jcc/jjx137. PMID: 29373727

ECCO Grant 2014 – Zsuzsanna Vegh:

Vegh, Zsuzsanna; Burisch, Johan; Pedersen, Natalia; Kaimakliotis, Ioannis; Duricova, Dana; Bortlik, Martin; Vinding, Kristoffer Kofod; Avnstrøm, Søren; Olsen, Jóngerð; Nielsen, Kári Rubek; Katsanos, Konstantinos H; Tsianos, Epameinondas V; Lakatos, Laszlo; Schwartz, Doron; Odes, Shmuel; D'Incà, Renata; Beltrami, Marina; Kiudelis, Gediminas; Kupcinskas, Limas; Jucov, Alina; Turcan, Svetlana; Barros, Luísa Manuela; Magro, Fernando; Lazar, Daniela; Goldis, Adrian; de Castro, Luisa; Hernandez, Vicent; Niewiadomski, Ola; Bell, Sally; Langholz, Ebbe; Munkholm, Pia; Lakatos, Peter L; EpiCom-group. Treatment steps, surgery and hospitalization rates during the first year of follow-up in patients with inflammatory bowel diseases from the 2011 ECCO-EpiCom inception cohort. JOURNAL OF CROHNS & COLITIS 9:(9) pp. 747-753

ECCO Grant 2015 – Turid Hammer:

Hammer T, Nielsen KR, Munkholm P, Burisch J, Lynge E. The Faroese IBD Study: Incidence of IBD Across 54 Years population-based Data. JCC. 2016. doi:10.1093/ecco-jcc/jjw050

ECCO Grant 2015 – Vladislav Volarevic:

Simovic Markovic B, Nikolic A, Gazdic M, Bojic S, Vucicevic L, Kosic M, Mitrovic S, Milosavljevic M, Besra G, Trajkovic V, Arsenijevic N, Lukic ML, Volarevic V. Galectin-3 Plays an Important Pro-inflammatory Role in the Induction Phase of Acute Colitis by Promoting Activation of NLRP3 Inflammasome and Production of IL-1β in Macrophages. J Crohns Colitis. 2016; 10:593-606.

ECCO Grant 2016 – Marianne Spalinger:

Bruckner RS, Nissim-Eliraz E, Marsiano N, Nir E, Shemesh H, Leutenegger M, Gottier C, Lang S, Spalinger MR, Leibl S, Rogler G, Yagel S, Scharl M, Shpigel NY. Transplantation of Human Intestine into the Mouse: A Novel Platform for Study of Inflammatory Enterocutaneous Fistulas**.** J Crohns Colitis. 2018 Dec 24. doi: 10.1093/ecco-jcc/jjy226.

e) Inflammatory Bowel Diseases

ECCO Grant 2009 – Maria Papp:

Lakatos PL, Altorjay I, Szamosi T, Palatka K, Vitalis Z, Tumpek J, Sipka S, Udvardy M, Dinya T, Lakatos L, Kovacs A, Molnar T, Tulassay Z, Miheller P, Barta Z, Stocker W, Papp J, Veres G, Papp M, Hungarian IBD Study GrpEgyéb szerzőség: Herszényi L (kollaborációs közrem.). Pancreatic autoantibodies are associated with reactivity to microbial antibodies, penetrating disease behavior, perianal disease and extraintestinal manifestations, but not with NOD2/CARD15 or TLR4 genotype in a Hungarian IBD cohort. *Inflammatory Bowel Diseases. 2009;* 15:(3) pp. 365-374.

ECCO Grant 2010 – Gwo-Tzer Ho:

Andersen V, Nimmo E, Krarup HB, Drummond H, Christensen J, Ho GT, Ostergaard M, Ernst A, Lees C, Jacobsen BA, Satsangi J, Vogel U. Cyclooxygenase-2 (COX-2) polymorphisms and risk of inflammatory bowel disease in a Scottish and Danish case-control study. *Inflamm Bowel Dis*. 2011;**17:**937-46..

ECCO Grant 2012 – Johan Burisch:

Burisch J, Pedersen N, Cukovic-Cavka S, Turk N, Kaimakliotis I, Duricova D, Shonová O, Vind I, Avnstrøm S, Thorsgaard N, Krabbe S, Andersen V, Dahlerup Jens F, Kjeldsen J, Salupere R, Olsen J, Nielsen KR, Manninen P, Collin P, Katsanos KH, Tsianos EV, Ladefoged K, Lakatos L, Bailey Y, O'Morain C, Schwartz D, Odes S, Martinato M, Lombardini S, Jonaitis L, Kupcinskas L, Turcan S, Barros L, Magro F, Lazar D, Goldis A, Nikulina I, Belousova E, Fernandez A, Hernandez V, Almer S, Zhulina Y, Halfvarson J, Tsai HH, Sebastian S, Lakatos PL, Langholz E, Munkholm P; EpiCom Group. Initial Disease Course and Treatment in an Inflammatory Bowel Disease Inception Cohort in Europe: The ECCO-EpiCom Cohort. Inflamm Bowel Dis. 2014;**20:**36-46.

ECCO Grant 2014 – Isabelle Cleynen:

Vancamelbeke Maaike, Vanuytsel Tim, Farré Ricard, Verstockt Sare, Ferrante Marc, Van Assche Gert, Rutgeerts Paul, Schuit Frans, Vermeire Séverine, Arijs Ingrid, Cleynen Isabelle. Genetic and Transcriptomic Bases of Intestinal Epithelial Barrier Dysfunction in Inflammatory Bowel Disease. Inflamm Bowel Dis. 2017 Oct;23(10):1718-1729. PMID: 28885228.

ECCO Grant 2014 – Katrine Carlsen:

Carlsen K, Houen G, Jakobsen C, Kallemose T, Paerregaard A, Riis LB, Munkholm P, Wewer V. Individualized Infliximab Treatment Guided by Patient-managed eHealth in Children and Adolescents with Inflammatory Bowel Disease. Inflamm Bowel Dis. 2017 Sep;23(9):1473-1482. doi: 10.1097/MIB.0000000000001170. PMID: 28617758

Carlsen K, Jakobsen C, Houen G, Kallemose T, Paerregaard A, Riis LB, Munkholm P, Wewer V. Self-managed eHealth Disease Monitoring in Children and Adolescents with Inflammatory Bowel Disease: A Randomized Controlled Trial. Inflamm Bowel Dis. 2017 Mar;23(3):357-365. doi: 10.1097/MIB.0000000000001026.
PMID: 28221247

ECCO Fellowship 2014 – Konstantinos Papamichael:

Papamichael K, Gils A, Rutgeerts P, Levesque BG, Vermeire S, Sandborn WJ, Vande Casteele N. Role for therapeutic drug monitoring during induction therapy with TNF antagonists in IBD: evolution in the definition and management of primary nonresponse. Inflamm Bowel Dis. 2015 Jan;21(1):182-97. doi: 10.1097/MIB.0000000000000202. PMID: 25222660

ECCO-DigestScience Research Funding 2014 – Claudio Fiocchi:

Gordon I.O., Agrawal N., Goldblum J.R., Fiocchi C., Rieder F. Fibrosis in Ulcerative Colitis – Mechanisms, Features and Consequences or a Neglected Problem. Inflamm Bowel Dis (2014) 11: 2198-206

ECCO Grant 2015 – Julia Spoendlin:

Spoendlin Julia, Karatas Güllistan, Rulano Raoul I, Jick Susan, Meier Christoph R, Rosacea in Patients with Ulcerrative Colitis and Corhn's Disease: a Population-Based Case-Control Study, Inflammatory Bowel Diease, 2016, 22(3), 680-687.

ECCO Grant 2015 – Yael Haberman:

Haberman Y, BenShoshan M, Di Segni A, Dexheimer PJ, Braun T, Weiss B, Walters TD, Baldassano RN, Noe JD, Markowitz J, Rosh J, Heyman MB, Griffiths AM, Crandall WV, Mack DR, Baker SS, Kellermayer R, Patel A, Otley A, Steiner SJ, Gulati AS, Guthery SL, LeLeiko N, Moulton D, Kirschner BS, Snapper S, Avivi C, Barshack I, Oliva-Hemker M, Cohen SA, Keljo DJ, Ziring D, Anikster Y, Aronow B, Hyams JS, Kugathasan S, Denson LA. Long ncRNA Landscape in the Ileum of Treatment-Naive Early-Onset Crohn Disease. Inflamm Bowel Dis. 2018 Jan 18;24(2):346-360. doi: 10.1093/ibd/izx013. PMID: 29361088

f) Other Journals

ECCO Grant 2008 – Silvio Danese:

Danese S, Vetrano S, Zhang L, Poplis VA, Castellino FJ. The protein C pathway in tissue inflammation and injury: pathogenic role and therapeutic implications. *Blood* 2010;**115:**1121-30.

ECCO Grant 2008 – Richard Day:

Keshaw H, Georgiou G, Blaker JJ, Forbes A, Knowles JC, Day RM. Assessment of polymer/bioactive glass-composite microporous spheres for tissue regeneration applications. *Tissue Eng Part A*. 2009;**15:**1451-61.

ECCO Grant 2008 – Holm Uhlig:

Händel N, Brockel A, Heindl M, Klein E, Uhlig HH. Cell-cell-neighborhood relations in tissue sections--a quantitative model for tissue cytometry. *Cytometry A*. 2009;**75:**356-61.

ECCO Grant 2009 – Sofia Maria Buonocore:

Buonocore S, Ahern PP, Uhlig HH, Ivanov II, Littman DR, Maloy KJ, Powrie F. Innate lymphoid cells drive interleukin-23-dependent innate intestinal pathology. *Cytometry A*. 2009;**75:**356-61.

ECCO Grant 2009 – Jan Wehkamp:

Koslowski MJ, Kübler I, Chamaillard M, Schaeffeler E, Reinisch W, Wang G, Beisner J, Teml A, Peyrin-Biroulet L, Winter S, Herrlinger KR, Rutgeerts P, Vermeire S, Cooney R, Fellermann K, Jewell D, Bevins CL, Schwab M, Stange EF, Wehkamp J. Genetic variants of Wnt transcription factor TCF-4 (TCF7L2) putative promoter region are associated with small intestinal Crohn's disease. *PLoS One*. 2009;**4:**e4496.

ECCO Grant 2009 – Elkjaer M :

Pedersen N, Elkjaer M, Duricova D, Burisch J, Dobrzanski C, Andersen NN, Jess T, Bendtsen F, Langholz E, Leotta S, Knudsen T, Thorsgaard N, Munkholm P. eHealth: individualisation of infliximab treatment and disease course via a self-managed web-based solution in Crohn's disease. *Aliment Pharmacol Ther*. 2012;**36:**840-9.

Elkjaer M, Burisch J, Avnstrøm S, Lynge E, Munkholm P. Development of a Web-based concept for patients with ulcerative colitis and 5-aminosalicylic acid treatment. *Eur J Gastroenterol Hepatol*. 2010;**22:**695-704.

Elkjaer M. E-health: Web-guided therapy and disease self-management in ulcerative colitis. Impact on disease outcome, quality of life and compliance. *Dan Med J* 2012;**59:**B4478.

ECCO Grant 2009 – Maria Papp:

Papp M, Altorjay I, Lakos G, Tumpek J, Sipka S, Dinya T, Palatka K, Veres G, Udvardy M, Lakatos PL. Evaluation of the combined application of ethanol-fixed and formaldehyde-fixed neutrophil substrates for identifying atypical perinuclear antineutrophil cytoplasmic antibodies in inflammatory bowel disease. *Clin Vaccine Immunol*. 2009; **16:** 464-470.

ECCO Grant 2011- Arie Levine

Ziv-Baran T, Hussey S, Sladek M, Amil Dias J, Martin de Carpi J, Miele E, Veres G, Lionetti P, Koletzko S, Nuti F, Paerregaard A, Kolho KL, Russell RK, Shaoul R, Weiner D, Sigall Boneh R, Escher J, Finnby L, Turner D, Levine A. Response to treatment is more important than disease severity at diagnosis for prediction of early relapse in new-onset paediatric Crohn's disease. Aliment Pharmacol Ther 2018 ; 48: 1242-1250.

ECCO Grant 2011- Franco Scaldaferri

Loris Riccardo Lopetuso, Franco Scaldaferri, Valentina Petito, Emanuela Sala, Maria Ausiliatrice Puglisi, Gianluca Andrisani, Maria Elena Caristo, Vincenzo Arena, Stefania Vetrano, Francesco Franceschi, Alessandro Sgambato, Antonio Gasbarrini. Effect of Mesenchymal Stem Cell Treatment in Colitis-Associated Colon Cancer Risk. Gastroenterology 2014; 146, S517 (DDW Su1996).

Sala E, Genua M, Petti L, Anselmo A, Arena V, Cibella J, Zanotti L, D'Alessio S, Scaldaferri F, Luca G, Arato I, Calafiore R, Sgambato A, Rutella S, Locati M, Danese S, Vetrano S. Mesenchymal Stem Cells Reduce Colitis in Mice via Release of TSG6, Independently of Their Localization to the Intestine. Gastroenterology 2015; 149: 163-176.

ECCO Fellowship 2011 – Bénedicte Brounais-Le Royer:

Brounais-Le Royer B, Pierroz DD, Velin D, Frossard C, Zheng XX, Lehr HA, Ferrari-Lacraz S, Ferrari SL. Effects of an interleukin-15 antagonist on systemic and skeletal alterations in mice with DSS-induced colitis. *Am J Pathol.* 2013;**182:**2155-67.

ECCO Fellowship 2012 – Timon Eric Adolph:

Adolph TE, Niederreiter L, Blumberg RS, Kaser A. Endoplasmic reticulum stress and inflammation. *Dig Dis*. 2012;**30:**341-6

ECCO Grant 2012 – Johan Burisch:

Burisch J. Crohn's disease and ulcerative colitis - Occurrence, course and prognosis during the first year of disease in a European population- based inception cohort. *Dan Med J* 2014;**61:**B4778.

Burisch J, Munkholm P. Inflammatory bowel disease epidemiology. *Curr Opin Gastroenterol*. 2013;**29:**357-62

ECCO Fellowship 2013 – Markus Tschurtschenthaler:

Tschurtschenthaler Markus, Adolph E. Timon, Ashcroft W. Jonathan, Niederreiter Lukas, Bharti Richa, Saveljeva Svetlana, Bhattacharyya Joya, Flak B. Magdalena, Shih Q. David, Fuhler M. Gwenny, Parkes Miles, Kohno Kenji, Iwawaki Takao, van der Woude C. Janneke, Harding P. Heather, Smith M. Andrew, Peppelenbosch P. Maikel, Targan R. Stephen, Ron David, Rosenstiel Philip, Blumberg S. Richard & Kaser Arthur. Defective ATG16L1-mediated removal of IRE1α drives Crohn's disease-like ileitis. J. Exp. Med., 2017 Feb 6;214(2):401-422.

Cader M. Zaeem, Boroviak Katharina, Zhang Qifeng, Assadi Ghazaleh, Kempster L. Sarah, Sewell W. Gavin, Saveljeva Svetlana, Ashcroft W. Jonathan, Clare Simon, Mukhopadhyay Subhankar, Brown P. Karen, Tschurtschenthaler Markus, Raine Tim, Doe Brendan, Chilvers R. Edwin, Griffin L. Jules, Kaneider C. Nicole, Floto R. Andres, D'Amato Mauro, Bradley Allan, Wakelam J.O. Michael, Dougan Gordon & Kaser Arthur. C13orf31 (FAMIN) is a central regulator of immunometabolic function. Nat. Immunol., 2016 Sep;17(9):1046-56.

ECCO Grant 2013 – Maikel P. Peppelenbosch:

Somasundaram Rajesh, Nuij Veerle J., van der Woude C. Janneke, Kuipers Ernst J., Peppelenbosch Maikel P., Fuhler Gwenny M. Peripheral neutrophil functions and cell signalling in Crohn`s disease. PLoS One. 2013 Dec 19;8(12):e84521. doi: 10.1371/journal.pone.0084521

Parikh Kaushal, Zhou Lu, Somasundaram Rajesh, Fuhler Gwenny M., Deuring Jasper J., Blokzijl Tjasso, Regeling Anouk, Kuipers Ernst J., Weersma Rinse K, Nuij Veerle J., Alves Maria, Vogelaar Lauren, Visser Lydia, de Haar Collin, Krishnadath Kausillia K., van der Woude C. Janneke, Dijkstra Gerard, Faber Klaas-Nico, Peppelenbosch Maikel P. Suppression of p21Rac signaling and increased innate immunity mediate remission in Crohn's disease. Science Translational Medicine. 2014 Apr 23;6(233):233ra53. doi: 10.1126/scitranslmed.3006763

ECCO Grant 2014 – Philipe Seksik

Seksik P, Landman C. Understanding Microbiome Data: A Primer for Clinicians. Dig Dis. 2015;33 Suppl 1:11-16. Epub 2015 Sep 14.

Landman C, Grill JP, Mallet JM, Marteau P, Humbert L, Le Balc'h E, Maubert MA, Perez K, Chaara W, Brot L, Beaugerie L, Sokol H, Thenet S, Rainteau D, Seksik P, Quévrain E; Saint Antoine IBD Network. Inter-kingdom effect on epithelial cells of the N-Acyl homoserine lactone 3-oxo-C12:2, a major quorum-sensing molecule from gut microbiota. PLoS One. 2018 Aug 29;13(8):e0202587. doi: 10.1371/journal.pone.0202587. eCollection 2018.

ECCO Fellowship 2014 – Konstantinos Papamichael:

Papamichael K, Van Stappen T, Vande Casteele N, Gils A, Billiet T, Tops S, Claes K, Van Assche G, Rutgeerts P, Vermeire S, Ferrante M. Infliximab Concentration Thresholds During Induction Therapy Are Associated With Short-term Mucosal Healing in Patients With Ulcerative Colitis. Clin Gastroenterol Hepatol. 2016 Apr;14(4):543-9. doi: 10.1016/j.cgh.2015.11.014. Epub 2015 Dec 8. PMID: 26681486

ECCO Grant 2014 – Marcus Claesson:

Clooney AG, Bernstein CN, Leslie WD, Vagianos K, Sargent M, Laserna-Mendieta EJ, Claesson MJ, Targownik LE. A comparison of the gut microbiome between long-term users and non-users of proton pump inhibitors. Aliment Pharmacol Ther. 2016 May;43(9):974-84. doi: 10.1111/apt.13568. Epub 2016 Feb 29. PMID: 26923470

ECCO-DigestScience Research Funding 2014 – Claudio Fiocchi:

Gordon I.O., Agrawal N., Willis E., Goldblum J. R., Lopez R., Allende D., Liu X., Patil D. Y., Yerian L., El-Khider D., Fiocchi C., Rieder F. Fibrosis in Ulcerative Colitis is Directly Linked to Severity and Chronicity of Mucosal Inflammation. Aliment Pharmacol Ther (2018) in press

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