


PERSONAL INFORMATION

Sarwa Darwish Murad



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Sex: F | Nationality: Dutch, American

EDUCATION AND TRAINING

EDUCATION

- 2011 – 2016 Clinical Fellowship Gastroenterology and Hepatology, Erasmus MC
- 2007 – 2010 Residency Internal Medicine, Mayo Clinic, Rochester, MN, USA
- 2004 – 2007 Ph.D. at the Department of Gastroenterology and Hepatology, Erasmus MC
- 1999 – 2002 Master of Science in Health Services Research at the Netherlands Institute for Health Sciences (NIHES)
- 1997 – 2004 Medical school at Erasmus University Rotterdam (EUR)

DEGREES

- 2009 Associate professor, Mayo Clinic, Rochester, MN, USA
- 2008 Ph.D., Thesis: Budd-Chiari Syndrome: New insights in pathogenesis, etiology and Management, Erasmus University Rotterdam, promotor: Prof. dr. H.L.A. Janssen
- 2004 M.D.
- 2009 MSc (Health Services Research)

ACADEMIC EXPERIENCE

- 2016 – present Gastroenterologist / Hepatologist, Erasmus MC University Medical Center, Rotterdam, the Netherlands
- 2017 – 2020 Medical Director Liver Transplantation, Erasmus MC University Medical Center, Rotterdam, the Netherlands
- 2011 – 2016 Fellow Gastroenterology and Hepatology, Erasmus MC University Medical Center, Rotterdam, the Netherlands
- 2012 – 2019 Principle Investigator for population-based studies in Hepatology, The Rotterdam Study (ERGO)
- 2010 – 2011 Research fellow, Division of Transplantation Surgery at Mayo Clinic, Rochester, MN, USA
- 2007 – 2010 Resident Internal Medicine, Mayo Clinic, Rochester, MN, USA
- 2005 Research collaborator at Division of Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN, USA
- 2004 Research trainee at the Physiology and Imaging Research Laboratory, Mayo Clinic, Rochester, MN, USA
- 2002 – 2007 PHD student, methodology coordinator of the European Network for Vascular disorders of the liver (EN-Vie)

(CO -) PROMOTOR PhD students

- 2016- 2020 Modifiable risk factors for liver disease in the general population – L.J.M. Alferink. Completed 2020 Cum Laude / with honours.
- 2016- 2022 Recurrence of primary sclerosing cholangitis after liver transplantation – T. Visseren. Completed 2022.

EDUCATION AND TRAINING

GRANTS

| | |
|-------------|--|
| 2024 | COST-ACTION VALDINET (grant awarding coordinator) |
| 2016 - 2017 | Dr. Falk Pharma, Multicenter study on predictors of recurrence of PSC after liver transplantation (€ 15.000) |
| 2016 | Dioraphte (16050404), Multicenter study on predictors of recurrence of PSC after liver transplantation – role of the microbiome, (€ 45.000) |
| 2010 | AASLD, Efficacy of Neoadjuvant Chemoradiotherapy Followed by Liver Transplantation for Hilar Cholangiocarcinoma: a Multi-Center Review, (€ 75.000) |
| 2004 | NWO; 2004/02324/AB, Fibrin Homeostasis in Budd-Chiari Syndrome: a Paradigm for Organ-Specific Thrombosis? (€ 180.000) |

EDITORIAL BOARDS

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| 2023- present | Associate Editor American Journal of Transplantation |
| 2021 - 2025 | Associate Editor Transplant International |
| 2014 – 2015 | Junior Associate Editor at Netherlands Journal of Medicine |

SOCIETY GOVERNING BOARDS

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| 2023- present | European Association for the Study of the Liver (EASL) |
| 2023- present | European Liver and Intestine Transplant Association (ELITA) |
| 2024- present | Eurotransplant Council of Science (NL representative) |
| 2022- present | Dutch Transplant Society (NTV). President since 03.2024. |
| 2024- present | Baveno VIII (faculty) |
| 2020 - 2022 | Baveno VII (faculty) |
| 2019 - 2023 | Vascular Liver Disease Interest Group (VALDIG) |

REPRESENTATIVE

2022- present - ERN-Rare Liver (European Reference Network for rare liver diseases) - vascular liver disease

FACULTY INTERNATIONAL CONFERENCE (PRESENTER OR CHAIR)

- ELITA HLTP 2024, Padua, Italy
- CIRSE 2024, Lisbon, Portugal
- EASL 2024, Milan, Italy
- International Liver Transplant Society (ILTS) 2024, Houston, USA
- ELITA Summit 2024, Madrid, Spain
- European Society Organ Transplantation (ESOT) 2023, Athens
- EASL 2023, Vienna
- ERN - VALDIG meeting, 2023, Padua
- International Liver Transplant Society (ILTS), 2023, Rotterdam
- Paris PVT Consensus Meeting (VALDIG and ERN) 2022, Paris
- EASL 2022, London
- Baveno VII 2021(virtual)
- Erasmus Liver Day, 2020, Rotterdam

FACULTY
INTERNATIONAL
CONFERENCE
(PRESENTER OR
CHAIR)

- EASL 2019, Vienna
- EASL, 2018, Paris
- British Association Study of the Liver (BASL), 2018, York
- Porto Liver Meeting, 2018, Porto
- EASL Clinical School Abdominal Sonography 2018, Rotterdam
- Erasmus Liver Day, 2017, Rotterdam
- International Association of Surgeons Gastroenterologists and Oncologists (IASGO) 2017, Rotterdam
- VALDIG Consensus Meeting on Idiopathic Portal Hypertension, 2017, Switzerland
- ESOT, 2017, Barcelona
- International Association of Surgeons Gastroenterologists and Oncologists (IASGO) 2016, Seoul, South Korea
- Erasmus Liver Day, 2011, Rotterdam

INVOLVEMENT IN
CLINICAL
PRACTICE
GUIDELINES

- EASL CPG Vascular Liver Disorders (2025) – CPG Panel member
- EASL CPG “Management of hemostatic status in patients with chronic liver disease” (2022) - Delphi Panel
- EASL CPG “Acute-on-Chronic Liver Failure” (2022) - Delphi Panel
- EASL CPG “Management of Liver Transplantation” (2021)- Delphi Panel

ACTIVE
MEMBERSHIPS OF
SCIENTIFIC
ORGANISATIONS

- KNMG (Royal Dutch Medical association)
- Dutch Transplantation Society (NTV)
- Dutch Society of Gastroenterology (NVGE)
- Dutch Society of Hepatology (NVH)
- Netherlands Association of Hepato-gastroenterologists (NVMDL)
- International Liver Transplant Society (ILTS)
- European Society of Organ Transplantation (ESOT)
- European Liver and Intestine Transplant Association (ELITA)
- European Association for Study of the Liver (EASL)
- American Society of Transplantation (AST)

HONOURS AND
AWARDS

- 2019 - Rising Star award United European Gastroenterology (UEG)
- 2011 - Distinguished poster at ‘International Liver Transplantation Society (ILTS)’ meeting in Valencia, Spain
- 2011 - Best presentation at ‘Controversies in Liver Transplantation’ meeting in Breckenridge, Colorado, USA.
- 2007 - Award from Netherlands Society of Hepatology (NVH) for best scientific abstract at annual meeting
- 2004 - The Mark van Blankenstein Award for best student research project at the Department of Gastroenterology and Hepatology, Erasmus MC.
- 2002 - The Gerrit Jan Mulder Award for best student research project at EUR.
- 1998 - Awarded top 5% of class with enrollment in Master of Science training during medical school

PUBLICATIONS

1. Rianne van Rijn; Chikako Endo; Efrayim H. Küçükerbil; Hans Blokzijl; Joris Blondeel; Miriam Cortes Cerisuelo; Minneke J. Coenraad; **Sarwa Darwish Murad**; Michail Doukas; Hasan Eker et al. Long-term Follow-up After Hypothermic Oxygenated Machine Perfusion in DCD Liver Transplantation. Results of a

PUBLICATIONS

- Randomized Controlled Multicenter Trial (DHOPE-DCD). *Annals of Surgery* 282(5):p 717-724, November 2025.
2. Francesco Paolo Russo; **Sarwa Darwish Murad***; Anjana A. Pillai; Alexandra Shingina; Laura Donahoe; Anna Mrzljak; Yaron Avitzur; Patrizia Burra; Nazia Selzner. Combined liver with other solid organ transplants: Promises, pitfalls and ethical dilemmas. Volume 83, Issue 4, October 2025, p 982-988. *shared first author
 3. Sher-Lu Pai, Manhal Izzy, Alfred Kow Wei Chieh, Iman F. Montasser, Nyingi Kemmer, Uzung Yoon, Emmanouil Giorgakis, Nazia Selzner, Keri E. Lunsford, Chiara Becchetti, Flávia Heinz Feier, **Sarwa Darwish Murad**, Martin Montenovoy, Victoria Aguilera, Oya M. Andacoglu. Cultural Influences, Considerations, and Challenges for Organ Donation and Liver Transplantation Around the World. *Clin Transplant*. 2025 Aug;39(8):e70252.
 4. Mulder MB, Busschbach JJ, van Hoek B, Polak WG, Alwayn IPJ, de Winter BCM, Murad SD, Verhey-Hart E, Elshove L, Erler NS, Hesselink DA, den Hoed CM, Metselaar HJ. Tremors and Health-Related Quality of Life in Liver Transplant Recipients: Post-hoc Analysis of a Multicenter, Randomized, Controlled Trial Comparing a Life Cycle Pharma-Tacrolimus Regimen and Extended-Release Tacrolimus Regimen. *Transpl Int*. 2025 Apr 28;38:14189.
 5. Milan J. Sonneveld, Fatemeh Parouei, Caroline den Hoed, Jeroen de Jonge, Morteza Salarzaei, Robert J. Porte, Harry L. A. Janssen, Marieke de Rosner-van Rosmalen, Serge Vogelaar, Adriaan J. van der Meer, Rael Maan, **Sarwa Darwish Murad**, Wojciech G. Polak, Willem Pieter Brouwer. Graft Steatosis and Donor Diabetes Mellitus Additively Impact on Recipient Outcomes After Liver Transplantation-A European Registry Study. *Clin Transplant* 2024 Aug;38(8):e1543.
 6. Maria C. van Hooff; Rozanne C. de Veer; Vincent Karam; Rene Adam; Pavel Taimr; Wojciech G. Polak; Hasina Pashtoun; **Sarwa Darwish Murad**; Christophe Corpechot; Darius Mirza et al. Type of calcineurin inhibitor and long-term outcomes following liver transplantation in patients with primary biliary cholangitis – an ELTR study. *JHEP Reports* Volume 6, Issue 8, August 2024
 7. Frederik Hoogwater; Vincent de Meijer; Robert Porte; Fabrice Muscari; J IJzermans; Wojtek Polak; **Sarwa Darwish Murad**; Hendrien Kuipers; Charlotte Maulat; Bart van Hoek et al. Role of neo-adjuvant chemotherapy in liver transplantation for unresectable perihilar cholangiocarcinoma: multicenter retrospective cohort study. *BJS Open*, Volume 7, Issue 2, April 2023
 8. Minciuna I, De Jonge J, Den Hoed C, Maan R, Polak WG, Porte RJ, Janssen HLA, Procopet B, **Darwish Murad S**. Antiplatelet Prophylaxis Reduces the Risk of Early Hepatic Artery Thrombosis Following Liver Transplantation in High-Risk Patients. *Transpl Int* 2024 Dec 18:37:13440.
 9. de Rover I, Orlandini L, **Darwish Murad S**, Polak WG, Hartley J, Sharif K, Sneiders D, Hartog H. Outcome of Solid Organ Transplantation in Patients With Intellectual Disability: A Systematic Literature Review. *Transpl Int*. 2024 Oct 17;37:11872.
 10. Elkrief L, Hernandez-Gea V, Senzolo M, Albillos A, Baiges A, Berzigotti A, Bureau C, Murad SD, De Gottardi A, Durand F, Garcia-Pagan JC, Lisman T, Mandorfer M, McLin V, Moga L, Nery F, Northup P, Nuzzo A, Paradis V, Patch D, Payancé A, Plaforet V, Plessier A, Poisson J, Roberts L, Salem R, Sarin S, Shukla A, Toso C, Tripathi D, Valla D, Ronot M, Rautou P1E; ERN RARE-LIVER and VALDIG, an EASL consortium. Portal vein thrombosis: diagnosis, management, and endpoints for future clinical studies. *Lancet Gastroenterol Hepatol*. 2024 Sep;9(9):859-883.
 11. Mulder MB, van Hoek B, Polak WG, Alwayn IPJ, de Winter BCM, Darwish Murad S, Verhey-Hart E, Elshove L, Erler NS, Hesselink DA, den Hoed CM, Metselaar HJ. Modifying Tacrolimus-related Toxicity After Liver Transplantation Comparing Life Cycle Pharma Tacrolimus Versus Extended-released Tacrolimus: A Multicenter, Randomized Controlled Trial. *Transplant Direct*. 2024 Mar 12;10(4):e1612.
 12. Dongelmans E, Erler N, Adam R, Nadalin S, Karam V, Yilmaz S, Kelly C, Pirenne J, Acarli K, Allison M, Hakeem A, Dhakshinamoorthy V, Fedaruk D, Rummo O, Kilic M, Nordin A, Fischer L, Parente A, Mirza D, Bennet W, Tokat Y, Faitot F, Antonelli BB, Berlakovich G, Patch D, Berrevoet F, Ribnikar M, Gerster T, Savier E, Gruttadauria S, Ericzon BG, Valdivieso A, Cuervas-Mons V, Perez Saborido B, Croner RS, De Carlis L, Magini G, Rossi R, Popescu I, Razvan L, Schneeberger S, Blokzijl H, Llado L, Gomez Bravo MA, Duvoux C, Mezzlik V, Oniscu GC, Pearson K, Dayangac M, Lucidi V, Detry O, Rotellar F, den Hoed C, Polak WG, **Darwish Murad S**; all other contributing centers (www.eltr.org) for the European Liver and Intestine Transplant Association (ELITA). Recent outcomes of liver transplantation for Budd-Chiari syndrome: A study of the European Liver Transplant Registry (ELTR) and affiliated centers. *Hepatology*. 2024 Feb 15.
 13. Maan R, Lauw MN, China L, Patch D, Baiges A, Garcia-Pagan JC, Hernández-Gea V, Hilleret MN, Tjwa ET, Kounis I, Bureau C, Giguët B, Heurgué A, Ollivier-Hourmand I, Causse X, Nery F, Eshraghian A, Plessier A, **Darwish Murad S**. Extensive splanchnic vein thrombosis after SARS-CoV-2 vaccination: A Vascular Liver Disease Group (VALDIG) initiative. *Hepatology*. 2024 Feb 15.
 14. Minciuna I, den Hoed C, van der Meer AJ, Sonneveld MJ, Sprengers D, de Knecht RJ, de Jonge J, Maan R, Polak WG, **Darwish Murad S**. The Yield of Routine Post-Operative Doppler Ultrasound to Detect Early Post-Liver Transplantation Vascular Complications. *Transpl Int*. 2023 Nov 29;36:11611.
 15. Klompenhouwer AJ, Moelker A, **Darwish Murad S**, den Hoed CM, Maan R. Portal Embolisation as Treatment of Severe Portal Hypertension Due to Idiopathic Intrahepatic Arteriportal Fistula: A Case Report. *J Clin Exp Hepatol*. 2024 Mar-Apr;14(2):101295.
 16. Sneiders D, van Dijk ARM, **Darwish Murad S**, van Rosmalen M, Erler NS, IJzermans JNM, Polak WG, Hartog H; Eurotransplant Liver and Intestine Advisory Committee (ELIAC). Quantifying the Disadvantage of

PUBLICATIONS

- Small Recipient Size on the Liver Transplantation Waitlist, a Longitudinal Analysis Within the Eurotransplant Region. *Transplantation*. 2024 May 1;108(5):1149-1156
17. van Keulen AM, Olthof PB, Buettner S, Bednarsch J, Verheij J, Erdmann JI, Nooijen LE, Porte RJ, Minnee RC, **Darwish Murad S**, Neumann UP, Heij L, Groot Koerkamp B, Doukas M. The Influence of Hepatic Steatosis and Fibrosis on Postoperative Outcomes After Major Liver Resection of Perihilar Cholangiocarcinoma. *Ann Surg Oncol*. 2024 Jan;31(1):133-141.
18. Yilmaz P, Alferink LJM, Cremers LGM, Murad SD, Niessen WJ, Ikram MA, Vernooij MW. Subclinical liver traits are associated with structural and hemodynamic brain imaging markers. *Liver Int* 2023;43:1256-1268.
19. Hoogwater FJH, Kuipers H, de Meijer VE, Maulat C, Muscari F, Polak WG, van Hoek B, Jezequel C, Alwayn IPJ, Ijzermans JNM, Mohkam K, Mabrut JY, Van Vilsteren FGI, Adam JP, Chiche L, Chebaro A, Boleslawski E, Dubbeld J, Murad SD, Rayar M, Porte RJ. Role of neoadjuvant chemoradiotherapy in liver transplantation for unresectable perihilar cholangiocarcinoma: multicentre, retrospective cohort study. *BJS Open* 2023;7.
20. Wiegers H, Hamulyak EN, Damhuis SE, van Duuren JR, **Darwish Murad S**, Scheres L, Gordijn SJ, Leentjens J, Duveköt JJ, Lauw MN, Hutten BA, Middeldorp S, Ganzevoort W. Pregnancy outcomes in women with Budd-Chiari syndrome or portal vein thrombosis - a multicentre retrospective cohort study. *BJOG* 2022;129:608-617.
21. Visseren T, Erler NS, Heimbach JK, Eaton JE, Selzner N, Gulamhusein A, van der Heide F, Porte RJ, van Hoek B, Alwayn IPJ, Metselaar HJ, JNM IJ, **Darwish Murad S**. Inflammatory conditions play a role in recurrence of PSC after liver transplantation: An international multicentre study. *JHEP Rep* 2022;4:100599.
22. de Franchis R, Bosch J, Garcia-Tsao G, Reiberger T, Ripoll C, Baveno V. Baveno VII - Renewing consensus in portal hypertension. *J Hepatol* 2022;76:959-974.
23. de Franchis R, Bosch J, Garcia-Tsao G, Reiberger T, Ripoll C, Baveno V. Corrigendum to 'Baveno VII - Renewing consensus in portal hypertension' [*J Hepatol* (2022) 959-974]. *J Hepatol* 2022;77:271.
24. Breuer E, Mueller M, Doyle MB, Yang L, **Darwish Murad S**, Anwar IJ, Merani S, Limkemann A, Jeddou H, Kim SC, Lopez-Lopez V, Nassar A, Hoogwater FJH, Vibert E, De Oliveira ML, Cherqui D, Porte RJ, Magliocca JF, Fischer L, Fondevila C, Zieniewicz K, Ramirez P, Foley DP, Boudjema K, Schenk AD, Langnas AN, Knechtle S, Polak WG, Taner CB, Chapman WC, Rosen CB, Gores GJ, Dutkowsky P, Heimbach JK, Clavien PA. Liver Transplantation as a New Standard of Care in Patients With Perihilar Cholangiocarcinoma? Results From an International Benchmark Study. *Ann Surg* 2022;276:846-853.
25. Zhang X, Mens MMJ, Abozaid YJ, Bos D, **Darwish Murad S**, de Knecht RJ, Ikram MA, Pan Q, Ghanbari M. Circulatory microRNAs as potential biomarkers for fatty liver disease: the Rotterdam study. *Aliment Pharmacol Ther* 2021;53:432-442.
26. Vugts JJA, Gaspersz MP, Roos E, Franken LC, Olthof PB, Coelen RJS, van Vugt JLA, Labeur TA, Brouwer L, Besselink MGH, JNM IJ, Murad SD, van Gulik TM, de Jonge J, Polak WG, Busch ORC, Erdmann JL, Koerkamp BG, Buettner S. Correction to: Eligibility for Liver Transplantation in Patients with Perihilar Cholangiocarcinoma. *Ann Surg Oncol* 2021;28:880.
27. Vugts JJA, Gaspersz MP, Roos E, Franken LC, Olthof PB, Coelen RJS, van Vugt JLA, Labeur TA, Brouwer L, Besselink MGH, JNM IJ, **Darwish Murad S**, van Gulik TM, de Jonge J, Polak WG, Busch ORC, Erdmann JL, Groot Koerkamp B, Buettner S. Eligibility for Liver Transplantation in Patients with Perihilar Cholangiocarcinoma. *Ann Surg Oncol* 2021;28:1483-1492.
28. Visseren T, Erler NS, Polak WG, Adam R, Karam V, Vondran FWR, Ericzon BG, Thorburn D, JNM IJ, Paul A, van der Heide F, Taimr P, Nemeč P, Pirenne J, Romagnoli R, Metselaar HJ, **Darwish Murad S**, European L, Intestine Transplantation A. Recurrence of primary sclerosing cholangitis after liver transplantation - analysing the European Liver Transplant Registry and beyond. *Transpl Int* 2021;34:1455-1467.
29. van Rijn R, Schurink IJ, de Vries Y, van den Berg AP, Cortes Cerisuelo M, **Darwish Murad S**, Erdmann JI, Gilbo N, de Haas RJ, Heaton N, van Hoek B, Huurman VAL, Jochmans I, van Leeuwen OB, de Meijer VE, Monbaliu D, Polak WG, Slangen JJG, Troisi RI, Vanlander A, de Jonge J, Porte RJ, Investigators D-DT. Hypothermic Machine Perfusion in Liver Transplantation - A Randomized Trial. *N Engl J Med* 2021;384:1391-1401.
30. Mulder MB, Borgsteede SD, Darwish Murad S, Landman CS, Metselaar HJ, Hunfeld NGM. Medication-Related Problems in Liver Transplant Recipients in the Outpatient Setting: A Dutch Cohort Study. *Front Pharmacol* 2021;12:637090.
31. Maan R, Darwish Murad S, van der Meer AJ. Letter to the Editor: Effects of Early Placement of Transjugular Portosystemic Shunts in Patients With High-Risk Acute Variceal Bleeding: A Meta-analysis of Individual Patient Data. *Gastroenterology* 2021;161:371-372.
32. Duizendstra AA, Doukas M, Betjes MGH, van den Bosch TPP, Darwish Murad S, Litjens NHR, Sprengers D, Kwekkeboom J. HLA matching and rabbit antithymocyte globulin as induction therapy to avoid multiple forms of rejection after a third liver transplantation. *Clin Res Hepatol Gastroenterol* 2021;45:101539.
33. Bruggenwirth IMA, van Reeve M, Vasiliaskaite I, van der Helm D, van Hoek B, Schaapherder AF, Alwayn IPJ, van den Berg AP, de Meijer VE, Darwish Murad S, Polak WG, Porte RJ. Donor diabetes mellitus is a risk factor for diminished outcome after liver transplantation: a nationwide retrospective cohort study. *Transpl Int* 2021;34:110-117.
34. Alferink LJM, Radjabzadeh D, Erler NS, Vojinović D, Medina-Gomez C, Uitterlinden AG, de Knecht RJ, Amin N, Ikram MA, Janssen HLA, Kieffte-de Jong JC, Metselaar HJ, van Duijn CM, Kraaij R, Darwish Murad

PUBLICATIONS

- S. Microbiomics, Metabolomics, Predicted Metagenomics, and Hepatic Steatosis in a Population-Based Study of 1,355 Adults. *Hepatology* 2021;73:968-982.
- 35.** Yalcin YC, Muslem R, Veen KM, Soliman OI, Manintveld OC, Darwish Murad S, Kilic A, Constantinescu AA, Brugts JJ, Alkhunaizi F, Birim O, Tedford RJ, Bogers A, Hsu S, Caliskan K. Impact of preoperative liver dysfunction on outcomes in patients with left ventricular assist devices. *Eur J Cardiothorac Surg* 2020;57:920-928.
- 36.** Visseren T, Fuhler GM, Erler NS, Nossent YRA, Metselaar HJ, JNM IJ, Darwish Murad S, Peppelenbosch MP. Recurrence of primary sclerosing cholangitis after liver transplantation is associated with specific changes in the gut microbiome pretransplant - a pilot study. *Transpl Int* 2020;33:1424-1436.
- 37.** van Reeve M, van Leeuwen OB, van der Helm D, Darwish Murad S, van den Berg AP, van Hoek B, Alwayn IPJ, Polak WG, Porte RJ. Selected liver grafts from donation after circulatory death can be safely used for retransplantation - a multicenter retrospective study. *Transpl Int* 2020;33:667-674.
- 38.** van Leeuwen OB, van Reeve M, van der Helm D, JNM IJ, de Meijer VE, van den Berg AP, Darwish Murad S, van Hoek B, Alwayn IPJ, Porte RJ, Polak WG. Donor hepatectomy time influences ischemia-reperfusion injury of the biliary tree in donation after circulatory death liver transplantation. *Surgery* 2020;168:160-166.
- 39.** van Dijk ARM, Sneiders D, Murad SD, Polak WG, Hartog H. Disadvantage of Small (<60 kg) Adult Candidates on the Liver Transplantation Waitlist. *Prog Transplant* 2020;30:349-354.
- 40.** van Dam LF, Klok FA, Tushuizen ME, Ageno W, Darwish Murad S, van Haren GR, Huisman MV, Lauw MN, Iglesias Del Sol A, Wasser M, Willink Y, Kroft LJM. Magnetic Resonance Thrombus Imaging to Differentiate Acute from Chronic Portal Vein Thrombosis. *TH Open* 2020;4:e224-e230.
- 41.** Molema F, Williams M, Langendonk J, Darwish-Murad S, van de Wetering J, Jacobs E, Onkenhout W, Brusse E, van der Eerden A, Wagenmakers M. Neurotoxicity including posterior reversible encephalopathy syndrome after initiation of calcineurin inhibitors in transplanted methylmalonic acidemia patients: Two case reports and review of the literature. *JIMD Rep* 2020;51:89-104.
- 42.** Marques HP, Barros I, Li J, Murad SD, di Benedetto F. Current update in domino liver transplantation. *Int J Surg* 2020;82S:163-168.
- 43.** Liu J, Lahousse L, Nivard MG, Bot M, Chen L, van Klinken JB, Thesing CS, Beekman M, van den Akker EB, Sliker RC, Waterham E, van der Kallen CJH, de Boer I, Li-Gao R, Vojinovic D, Amin N, Radjabzadeh D, Kraaij R, Alferink LJM, Murad SD, Uitterlinden AG, Willemsen G, Pool R, Milaneschi Y, van Heemst D, Suchiman HED, Rutters F, Elders PJM, Beulens JWJ, van der Heijden A, van Greevenbroek MMJ, Arts ICW, Onderwater GLJ, van den Maagdenberg A, Mook-Kanamori DO, Hankemeier T, Terwindt GM, Stehouwer CDA, Geleijnse JM, t Hart LM, Slagboom PE, van Dijk KW, Zhernakova A, Fu J, Penninx B, Boomsma DI, Demirkan A, Stricker BHC, van Duijn CM. Integration of epidemiologic, pharmacologic, genetic and gut microbiome data in a drug-metabolite atlas. *Nat Med* 2020;26:110-117.
- 44.** Latenstein CSS, Alferink LJM, Darwish Murad S, Drenth JPH, van Laarhoven C, de Reuver PR. The Association Between Cholecystectomy, Metabolic Syndrome, and Nonalcoholic Fatty Liver Disease: A Population-Based Study. *Clin Transl Gastroenterol* 2020;11:e00170.
- 45.** Alferink LJM, Kieffe-de Jong JC, Darwish Murad S. Animal protein intake and hepatic steatosis in the elderly: authors' response. *Gut* 2020;69:189.
- 46.** Alferink LJM, Erler NS, de Knecht RJ, Janssen HLA, Metselaar HJ, Darwish Murad S, Kieffe-de Jong JC. Adherence to a plant-based, high-fibre dietary pattern is related to regression of non-alcoholic fatty liver disease in an elderly population. *Eur J Epidemiol* 2020;35:1069-1085.
- 47.** Van der Veer MAA, Nangrahy N, Hesselink DA, Erler NS, Metselaar HJ, van Gelder T, Darwish Murad S. High Inpatient Variability in Tacrolimus Exposure Is Not Associated With Immune-mediated Graft Injury After Liver Transplantation. *Transplantation* 2019;103:2329-2337.
- 48.** Sonneveld MJ, Murad SD, van der Eijk AA, de Man RA. Fulminant Liver Failure due to Hepatitis B Reactivation During Treatment With Tocilizumab. *ACG Case Rep J* 2019;6:e00243.
- 49.** Serra-Burriel M, Graupera I, Toran P, Thiele M, Roulot D, Wai-Sun Wong V, Neil Guha I, Fabrellas N, Arslanow A, Exposito C, Hernandez R, Lai-Hung Wong G, Haman D, Darwish Murad S, Krag A, Pera G, Angeli P, Galle P, Aithal GP, Caballeria L, Castera L, Gines P, Lammert F, investigators of the LiverScreen C. Transient elastography for screening of liver fibrosis: Cost-effectiveness analysis from six prospective cohorts in Europe and Asia. *J Hepatol* 2019;71:1141-1151.
- 50.** Phan MV, Murad SD, van der Eijk AA, Metselaar HJ, Hartog H, Harinck F, GeurtsvanKessel CH, Molenkamp R, Cotten M, Koopmans MP. Genomic sequence of yellow fever virus from a Dutch traveller returning from the Gambia-Senegal region, the Netherlands, November 2018. *Euro Surveill* 2019;24.
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