Zainab Hikmat
KI, OUH, Research unit of Clinical Genetics (Odense)
Email: zahikmat@health.sdu.dk

Qualifications

Biomedicine, MSc., Effects of insulin receptor deficiency on molecular pathways regulating energy metabolism
1. Sept 2016 → 26. Jun 2018
Award Date: 26. Jun 2018

Biomedicine, Bacehlor, The study of the usefulness of 7 antigens as vaccine candidates against an infection caused by Staphylococcus aureus isotype ST_239
1. Sept 2012 → 30. Aug 2016

Employment

Guest Researcher

KI, OUH, Research unit of Clinical Genetics (Odense)
SDU
22. Oct 2025 → 30. Sept 2027

Projectcoordinator

Odense University Hospital
Odense, Denmark
24. Oct 2022 → 31. Oct 2023

Research outputs

Study Design Complexity and Participant Completion in Dietary Trials for Inflammatory Bowel Disease: A Systematic Review and Metaresearch Study

Gregersen, L., Moos, C., Hikmat, Z., Fogh Rasmussen, N., Petersen, S. R., Heitmann, B. L., Halldórsson, Þ. I., Andersen, V. & Christensen, R., Apr 2026, In: Advances in Nutrition. 17, 4, 17 p., 100614.

Predicting response to medical treatment of inflammatory bowel disease using transcriptomic methods on intestinal biopsies: a prospective cohort study of personalised medicine

Hikmat, Z., 6. Oct 2025, Syddansk Universitet. Det Sundhedsvidenskabelige Fakultet. 218 p.

Preliminary evaluation of ShallowHRD performance compared to HRDetect in familial breast cancer tumors

Jensen, L. A., Bækgaard, C. H., Larsen, M. B., Boonen, S. E., Jylling, A. M. B., Hikmat, Z., Hao, Q., van Overeem Hansen, T., Pedersen, I. S., Larsen, M. J. & Thomassen, M., 11. Aug 2025, In: Scientific Reports. 15, 10 p., 29442.

Impact of Obesity on Treatment Response in Patients With Chronic Inflammatory Disease Receiving Biologic Therapy: Secondary Analysis of the Prospective Multicentre BELIEVE Cohort Study

Eggers, K. R., Møllegaard, K. M., Gregersen, L., Overgaard, S. H., Hikmat, Z., Ellingsen, T., Kjeldsen, J., Pedersen, A. K., Petersen, S. R., Jawhara, M., Nexøe, A. B., Bygum, A., Hvas, C. L., Dahlerup, J. F., Bergenheim, F. O., Glerup, H., Brodersen, J. B., Munk, H. L., Pedersen, N. & Nielsen, O. H. & 4 others, Andersen, K. W., Heitmann, B. L., Christensen, R. & Andersen, V., Jun 2025, In: Scandinavian Journal of Immunology. 101, 6, 9 p., e70035.

Impact of gluten intake on clinical outcomes in patients with chronic inflammatory diseases initiating biologics: Secondary analysis of the prospective multicentre BELIEVE cohort study

Gregersen, L., Jessen, P. D., Lund, H. W., Overgaard, S. H., Hikmat, Z., Ellingsen, T., Kjeldsen, J., Pedersen, A. K., Petersen, S. R., Jawhara, M., Nexøe, A. B., Bygum, A., Hvas, C. L., Dahlerup, J. F., Bergenheim, F. O., Glerup, H., Henriksen, R. H., Guldmann, T., Hvid, L. & Brodersen, J. & 8 others, Munk, H. L., Pedersen, N., Saboori, S., Nielsen, O. H., Heitmann, B. L., Haldorsson, T. I., Christensen, R. & Andersen, V., Dec 2024, In: Scandinavian Journal of Immunology. 100, 6, 13 p., e13409.

Sex and gender in inflammatory bowel disease outcomes and research

Andersen, V., Pingel, J., Søfelt, H. L., Hikmat, Z., Johansson, M., Pedersen, V. S., Bertelsen, B., Carlsson, A., Lindh, M., Svavarsdóttir, E., Repsilber, D., Joergensen, M. T., Christensen, R., Fejrskov, A., Füchtbauer, J. D., Kjeldsen, J., Jensen,

M. D., Aalykke, C., Rejler, M. & Høivik, M. L. & 6 others, Davidsdottir, L., Carlson, M., Halfvarson, J., Zachariassen, H. H., Petersen, L. B. & Myers, E. S., Nov 2024, In: The Lancet Gastroenterology & Hepatology. 9, 11, p. 1041-1051

Impact of sex and socioeconomic status on the likelihood of surgery, hospitalization, and use of medications in inflammatory bowel disease: a systematic review and meta-analysis
Rasmussen, N. F., Moos, C., Gregersen, L. H. K., Hikmat, Z., Andersen, V., Green, A., Jess, T., Madsen, G. I., Pedersen, A. K., Petersen, S. R. & Kjeldsen, L. J., 24. Jun 2024, In: Systematic Reviews. 13, 33 p., 164.

Impact of sex and socioeconomic status on risk of surgery, hospitalization, and use of medications in inflammatory bowel disease: A systematic review and meta-analysis
Rasmussen, N. F., Moos, C., Gregersen, L. H. K., Hikmat, Z., Andersen, V., Green, A., Jess, T., Madsen, G. I., Pedersen, A. K., Petersen, S. R. & Kjeldsen, L. J., 3. Jul 2023, Research Square.

P124 Risk of surgery in inflammatory bowel disease: A systematic review and meta-analysis of sex-based differences
Rasmussen, N. F., Gregersen, L. H. K., Hikmat, Z., Moos, C. M., Green, A., Andersen, V., Madsen, G. I., Jess, T. & Kjeldsen, L. J., 30. Jan 2023, In: Journal of Crohn's and Colitis. 17, Suppl. 1, p. i289-i291 P124.

Projects

kConfab long-read: Comparison of Long-read sequencing methods and bioinformatics pipelines for splicing analysis of breast cancer genes in BRCA1/2 spliceogenic variant cell lines
Jensen, L. A. (Project participant), Thomassen, M. (Project manager), Hansen, T. V. O. (Working partner), Feliubadaló, L. (Working partner), Terrón, P. R. (Project participant), Katzke, A.-L. (Project participant), Birkedal, U. (Project participant), Thomsen, J. H. D. (Project participant), Moreno-Cabrera, J. M. (Project participant), Burton, M. (Project participant), Bøttger, S. M. (Project participant), Hikmat, Z. (Project participant), Forster, J. (Project participant), Schmidt, G. (Working partner), Hauke, J. (Working partner), Lazaro, C. (Working partner), Baralle, D. (Working partner) & Pedersen, I. S. (Working partner)
15/08/2022 → 30/06/2026

Predicting response to medical treatment of inflammatory bowel disease (IBD) using single nucleus and cell transcriptomic on intestinal biopsies: a prospective cohort study of personalized medicine.
Hikmat, Z. (Project participant)
15/01/2021 → 18/01/2025