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Anställning

Postdoc

Genetisk och molekylär epidemiologi
Lunds universitet
Malmö, Sverige
2019 jan. 29 → present

Doktorand

EXODIAB: Excellence of Diabetes Research in Sweden
Lunds universitet
Malmö, Sverige
2019 jan. 9 → present

Postdoc

Diabetiska komplikationer
Lunds universitet
Malmö, Sverige
2024 apr. 15 → present

Forskningsoutput

A Federated Database for Obesity Research: An IMI-SOPHIA Study

Delfin, C., Dragan, I., Kuznetsov, D., Tajes, J. F., Smit, F., Coral, D. E., Farzaneh, A., Haugg, A., Hungele, A., Niknejad, A., Hall, C., Jacobs, D., Marek, D., Fraser, D. P., Thuillier, D., Ahmadizar, F., Mehl, F., Pattou, F., Burdet, F. & Hawkes, G. och 28 andra, Arts, I. C. W., Blanch, J., Van Soest, J., Fernández-Real, J. M., Boehl, J., Fink, K., van Greevenbroek, M. M. J., Kavousi, M., Minten, M., Prinz, N., Ipsen, N., Franks, P. W., Ramos, R., Holl, R. W., Horban, S., Duarte-Salles, T., Tran, V. D. T., Raverdy, V., Leal, Y., Lenart, A., Pearson, E., Sparsø, T., Giordano, G. N., Ioannidis, V., Soh, K., Frayling, T. M., Le Roux, C. W. & Ibberson, M., 2024 feb., I: Life. 14, 2, 262.

Genetic and phenotypic discordance in cardiometabolic diseases

Coral, D., 2024, Lund: Lund University, Faculty of Medicine. 104 s.

Human Genetic Variation at rs10071329 Correlates with Adiposity-related Traits, Modulates PPARGC1B Expression, and Alters Brown Adipocyte Function

Huang, M., Prasad, R. B., Coral, D. E., Hjort, L., Minja, D. T. R., Mulder, H., Franks, P. W. & Kalamajski, S., 2024, I: Diabetes. 73, 4, s. 637-645

Subclassification of obesity for precision prediction of cardiometabolic diseases

Coral, D. E., Smit, F., Farzaneh, A., Gieswinkel, A., Tajés, J. F., Sparsø, T., Delfin, C., Bauvin, P., Wang, K., Tempresa, M., De Cock, D., Blanch, J., Fernández-Real, J. M., Ramos, R., Ikram, M. K., Gomez, M. F., Kavousi, M., Panova-Noeva, M., Wild, P. S. & van der Kallen, C. och 9 andra, Adriaens, M., van Greevenbroek, M., Arts, I., Le Roux, C., Ahmadizar, F., Frayling, T. M., Giordano, G. N., Pearson, E. R. & Franks, P. W., 2024, (E-pub ahead of print) I: Nature Medicine.

Identification of a weight loss-associated causal eQTL in MTIF3 and the effects of MTIF3 deficiency on human adipocyte function

Huang, M., Coral, D., Ardalani, H., Spéjel, P., Saadat, A., Claussnitzer, M., Mulder, H., Franks, P. W. & Kalamajski, S., 2023 mars 6, I: eLife. 12:e84168.

Proteogenomic mapping sets stage for precision medicine

Coral, D. E. & Franks, P. W., 2023 mars, I: Nature Metabolism. 5, 3, s. 366–367 2 s.

A phenome-wide comparative analysis of genetic discordance between obesity and type 2 diabetes

Coral, D. E., Fernandez-Tajes, J., Tsereteli, N., Pomares-Millan, H., Fitipaldi, H., Mutie, P. M., Atabaki-Pasdar, N., Kalamajski, S., Poveda, A., Miller-Fleming, T. W., Zhong, X., Giordano, G. N., Pearson, E. R., Cox, N. J. & Franks, P. W., 2023 feb., I: Nature Metabolism. 5, 2, s. 237–247 11 s.

Engineered allele substitution at PPARGC1A rs8192678 alters human white adipocyte differentiation, lipogenesis, and PGC-1 α content and turnover

Huang, M., Claussnitzer, M., Saadat, A., Coral, D., Kalamajski, S. & Franks, P., 2023, I: Diabetologia. 66, 7, s. 1289-1305 17 s.

Investigating the causal relationships between excess adiposity and cardiometabolic health in men and women

Mutie, P. M., Pomares-Milan, H., Atabaki-Pasdar, N., Coral, D., Fitipaldi, H., Tsereteli, N., Tajés, J. F., Franks, P. W. & Giordano, G. N., 2023, I: Diabetologia. 66, 2, s. 321-335

Estimating the Direct Effect between Dietary Macronutrients and Cardiometabolic Disease, Accounting for Mediation by Adiposity and Physical Activity

Pomares-Millan, H., Atabaki-Pasdar, N., Coral, D., Johansson, I., Giordano, G. N. & Franks, P. W., 2022 mars 1, I: Nutrients. 14, 6, 1218.

Inferring causal pathways between metabolic processes and liver fat accumulation: an IMI DIRECT study

Atabaki-Pasdar, N., Pomares-Millan, H., Koivula, R. W., Tura, A., Brown, A., Viñuela, A., Agudelo, L., Coral, D., van Oort, S., Allin, K., Chabanova, E., Cederberg, H., De Masi, F., Elders, P., Tajés, J. F., Forgie, I. M., Hansen, T. H., Heggie, A., Jones, A. & Kokkola, T. och 30 andra, Mahajan, A., McDonald, T. J., McEvoy, D., Tsigos, K., Teare, H., Vangipurapu, J., Vestergaard, H., Adamski, J., Beulens, J. W., Brunak, S., Dermitzakis, E., Hansen, T., Hattersley, A. T., Laakso, M., Pedersen, O., Ridderstråle, M., Ruetten, H., Rutters, F., Schwenk, J. M., Walker, M., Giordano, G. N., Ohlsson, M., Gupta, R., Mari, A., McCarthy, M. I., Thomas, E. L., Bell, J. D., Pavo, I., Pearson, E. R. & Franks, P. W., 2021, medRxiv, (medRxiv).

Characterisation of the genetic discordance between body mass index and type 2 diabetes: a phenome-wide analysis: No 111

Fernandez Tajés, J. (medarbetare), Tsereteli, N. (medarbetare), Franks, P. (medarbetare) & Coral, D., 2020 sep. 1, I: Diabetologia. 63

Aktiviteter

Journal Lunch - Genetic discordance between LDL and Type 2 Diabetes

Coral, D. (presentatör)

2021 feb. 16

Nature Medicine (Tidskrift)

Coral, D. (Roll ej angiven) & Franks, P. (Roll ej angiven)

2020 dec. 18 → 2021 jan. 15

Progress report - Subtyping of obesity and T2D using genetic discordance

Coral, D. (Talare) & Franks, P. (Ordförande)

2020 okt. 20

Characterisation of the genetic discordance between body mass index and type 2 diabetes: a phenome-wide analysis

Coral, D. (Roll ej angiven)

2020 sep. 23

Vanderbilt University Medical Center

Coral, D. (Gästforskare) & Cox, N. J. (Roll ej angiven)

2020 juli 10 → 2020 juli 12

Journal Lunch - Genetic architecture of human thinness compared to severe obesity

Coral, D. (Talare) & Franks, P. (Ordförande)

2019 mars 5

Projekt

IMI2 SOPHIA: Stratification of obese phenotypes to optimize future obesity therapy

Coral, D. (Forskare), Franks, P. (PI) & Giordano, G. (Forskare)

2020/06/01 → 2025/05/31