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Born in Lundtofte, Denmark March 10, 1969

Status: married to Dorte Tolstrup Nielsen
Children: Astrid (♀) born 16.08.04, Mads (♂) 17.08.06

Education

1997 Ph.D. degree in molecular and cellular biology (Odense University)
2002 "Organization and Leadership", University of Southern Denmark
2003 "Project Strategies and Leadership", University of Southern Denmark
2003 Pedagogical training course (adjunktpædagoikum), University of Southern Denmark
2006-2007 Research leadership-education held by Copenhagen Business School

Professional experience
1997-1998 Research scientist in the Department of Vessel Wall Biology, Novo-Nordisk A/S
1998-2000 Postdoctoral fellow in the laboratory of Concetta DiRusso, Albany Medical College, Department of Biochemistry and Molecular Biology, Albany, NY (USA)
2000-2003 Research assistant professor at Dept. of Biochemistry and Molecular Biology, University of Southern Denmark
2003-2012 Associate professor at Dept. of Biochemistry and Molecular Biology, University of Southern Denmark
2012-present Professor at Dept. of Biochemistry and Molecular Biology, University of Southern Denmark

Boards

2003-2011 Co-founder and executive board Member of the governing board of the graduate school "The Danish Graduate School of Functional Genomics and Proteomics as Applied to Metabolic Diseases"
2005-2010 Member of the committee of the Danish Society for Biochemistry and Molecular Biology
2007-2010 Member of the governing board at Dept. of Biochemistry and Molecular Biology, SDU
2007-2011 Chairman of the teaching committee at Dept. of Biochemistry and Molecular Biology, SDU
2011-2014 Member of the teaching committee at Dept. of Biochemistry and Molecular Biology, SDU
2009-present Member of the Board of the Danish Society for Biotechnology
2012 Founder of The Danish Lipid Research Society
2015-present Chair of the Fuhrmann Foundation
2017-present Member of Academic Council, University of Southern Denmark
2018-present Chair of the educational committee of the Danish Diabetes Academy
2018-present Member of the Steno Diabetes Center-Odense (SDCO) Research Council
2019-present Elected Board Member of the Nordic Metabolomics Society

Research experience

Have been principal investigator and have had own research laboratory since 2003, independent funding from The Danish Research Councils since 2003 and obtained funding from Novo Nordisk Foundation, Carlsberg Foundation, Danish Diabetes Association and the Lundbeck Foundation. Have been involved in several large research consortia funded by The Danish Council for Strategic Research, NordForsk and NIH.

Editorial and Advisory Boards

2008-present Associate Editor for Lipids
2010-present Member of the Honorary Editorial Board of Lipid Insights
2010-present Editorial Board member “Frontiers in Fatty Acid and Lipid Physiology”
2017-present Editorial Board member of “Metabolites”

Reviewer/evaluator appointments

Reviewer for Nature, Science, PLoS journals, Molecular and Cellular Life Sciences, Biochimica et Biophysica Acta-Molecular and Cell Biology of Lipids, Journal of Molecular Medicine, Molecular Biosystems, Future lipidology, Proteomics, Lipids, Research signpost series, International reviewer for several international research Councils.

Teaching and supervision of students

Extensive teaching experience in biochemistry and protein purification; since 2004 and 2007, respectively, responsible for two courses offered by the University of Southern Denmark: BMB202 Protein purification and BMB505/BMB521, metabolic and hormonal regulation.Principal supervisor since 2003, supervisor of: 4 post docs, 14 PhD-, 19 Msc.-, 38 Bsc. students. Honored best teacher at the Science Faculty, University of Southern Denmark in 2009.

Ansættelse

Professor

Institut for Biokemi og Molekylær Biologi

Syddansk Universitet

Odense M

1. jan. 1998 → present

Publikationer

Metabolic programming determines the lineage-differentiation fate of murine bone marrow stromal progenitor cells

Tencerova, M., Rendina-Ruedy, E., Neess, D., Færgeman, N., Figeac, F., Ali, D., Danielsen, M., Haakonsson, A., Rosen, C. J. & Kassem, M., 1. dec. 2019, I : Bone Research. 7, 14 s., 35.

Autophagy-Mediated Cholesterol Trafficking Controls Steroid Production

Texada, M. J., Malita, A., Christensen, C. F., Dall, K. B., Faergeman, N. J., Nagy, S., Halberg, K. A. & Rewitz, K., 11. mar. 2019, I : Developmental Cell. 48, 5, s. 659-671.e4

Axon-Dependent Patterning and Maintenance of Somatosensory Dendritic Arbors

Ramirez-Suarez, N. J., Belalcazar, H. M., Salazar, C. J., Beyaz, B., Raja, B., Nguyen, K. C. Q., Celestrin, K., Fredens, J., Færgeman, N. J., Hall, D. H. & Bülow, H. E., 28. jan. 2019, I : Developmental Cell. 48, 2, s. 229-244.e4

In Vivo Microdialysis of Endogenous and 13C-labeled TCA Metabolites in Rat Brain: Reversible and Persistent Effects of Mitochondrial Inhibition and Transient Cerebral Ischemia

Havelund, J. F., Nygaard, K. H., Nielsen, T. H., Nordström, C-H., Poulsen, F. R., Færgeman, N. J., Forsse, A. & Gramsbergen, J. B., 2019, I : Metabolites. 9, 10, 13 s., 204.

LC-MS Analyses of Lipid Species in Skeletal Muscle Cells and Tissue

Moreno-Torres, M., Havelund, J. F. & Faergeman, N. J., 2019, *Myogenesis: Methods and protocols.* Rønning, S. B. (red.). New York: Humana Press, s. 213-228 (Methods in Molecular Biology; Nr. 1889).

Metabolic regulation of lifespan from a *C. Elegans* perspective

Dall, K. B. & Færgeman, N. J., 2019, I : Genes and Nutrition. 14, s. 14-25 12 s., 25.

A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults

Hansen, L. B. S., Roager, H. M., Søndertoft, N. B., Gøbel, R. J., Kristensen, M., Vallès-Colomer, M., Vieira-Silva, S., Ibrügger, S., Lind, M. V., Mærkedahl, R. B., Bahl, M. I., Madsen, M. L., Havelund, J., Falony, G., Tetens, I., Nielsen, T., Allin, K. H., Frandsen, H. L., Hartmann, B., Holst, J. J. & 32 flere, Sparholt, M. H., Holck, J., Blennow, A., Moll, J. M., Meyer, A. S., Hoppe, C., Poulsen, J. H., Carvalho, V., Sagnelli, D., Dalgaard, M. D., Christensen, A. F., Lydolph, M. C., Ross, A. B., Villas-Bôas, S., Brix, S., Sicheritz-Pontén, T., Buschard, K., Linneberg, A., Rumessen, J. J., Ekstrøm, C. T.,

Ritz, C., Kristiansen, K., Nielsen, H. B., Vestergaard, H., Færgeman, N. J., Raes, J., Frøkiær, H., Hansen, T., Lauritzen, L., Gupta, R., Licht, T. R. & Pedersen, O., 13. nov. 2018, I : Nature Communications. 9, 13 s., 4630.

Exercise-induced molecular mechanisms promoting glycogen supercompensation in human skeletal muscle
Hingst, J. R., Bruhn, L., Hansen, M. B., Rosschou, M. F., Birk, J. B., Fentz, J., Foretz, M., Viollet, B., Sakamoto, K., Færgeman, N. J., Havelund, J. F., Parker, B. L., James, D. E., Kiens, B., Richter, E. A., Jensen, J. & Wojtaszewski, J. F. P., okt. 2018, I : Molecular Metabolism. 16, s. 24-34

Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis
Sustarsic, E. G., Ma, T., Lynes, M. D., Larsen, M., Karavaeva, I., Havelund, J. F., Nielsen, C. H., Jedrychowski, M. P., Moreno-Torres, M., Lundh, M., Plucinska, K., Jespersen, N. Z., Grevengoed, T. J., Kramar, B., Peics, J., Hansen, J. B., Shamsi, F., Forss, I., Neess, D., Keipert, S. & 24 flere, Wang, J., Stohlmann, K., Brandslund, I., Christensen, C., Jørgensen, M. E., Linneberg, A., Pedersen, O., Kiebish, M. A., Qvortrup, K., Han, X., Pedersen, B. K., Jastroch, M., Mandrup, S., Kjær, A., Gygi, S. P., Hansen, T., Gillum, M. P., Grarup, N., Emanuelli, B., Nielsen, S., Scheele, C., Tseng, Y. H., Færgeman, N. J. & Gerhart-Hines, Z., 3. jul. 2018, I : Cell Metabolism. 28, 1, s. 159-174.e11

Impact of red and processed meat and fibre intake on treatment outcomes among patients with chronic inflammatory diseases: protocol for a prospective cohort study of prognostic factors and personalised medicine
Christensen, R., Heitmann, B. L., Andersen, K. W., Nielsen, O. H., Sørensen, S. B., Jawhara, M., Bygum, A., Hvid, L., Grauslund, J., Wied, J., Glerup, H., Fredberg, U., Villadsen, J. A., Kjær, S. G., Fallingborg, J., Moghadd, S. A. G. R., Knudsen, T., Brodersen, J., Frøjk, J., Dahlerup, J. F. & 21 flere, Bojesen, A. B., Sorensen, G. L., Thiel, S., Færgeman, N. J., Brandslund, I., Bennike, T. B., Stensballe, A., Schmidt, E. B., Franke, A., Ellinghaus, D., Rosenstiel, P., Raes, J., Boye, M., Werner, L., Nielsen, C. L., Munk, H. L., Nexøe, A. B., Ellingsen, T., Holmskov, U., Kjeldsen, J. & Andersen, V., feb. 2018, I : B M J Open. 8, 2, 17 s., e018166.

Changes in kynurenine pathway metabolism in Parkinson patients with L-DOPA-induced dyskinesia
Havelund, J. F., Dammann Andersen, A., Binzer, M., Blaabjerg, M., Heegaard, N. H. H., Stenager, E., Faergeman, N. J. & Gramsbergen, J. B., sep. 2017, I : Journal of Neurochemistry. 142, 5, s. 756–766

CSF catecholamine and kynurenine metabolites in Parkinson's disease and L-DOPA-induced dyskinesia
Dammann Andersen, A., Havelund, J. F., Binzer, M., Blaabjerg, M., Kamal, A., Thagesen, H., Kjær, T. W., Færgeman, N. J., Heegaard, N. H. H., Stenager, E. & Gramsbergen, J. B., 20. aug. 2017, I : Journal of Neurochemistry. 142, Suppl. 1, s. 107 1 s., MTU04-04.

The heterozygous N291S mutation in the lipoprotein lipase gene impairs whole-body insulin sensitivity and affects a distinct set of plasma metabolites in humans
Berg, S. M., Havelund, J. F., Hasler-Sheetal, H., Kruse, V. H. K., Pedersen, A. J. T., Hansen, A. B., Nybo, M., Beck-Nielsen, H., Højlund, K. & Færgeman, N. J., 16. maj 2017, I : Journal of Clinical Lipidology. 11, 2, s. 515-523.e6

A Proposal for a Study on Treatment Selection and Lifestyle Recommendations in Chronic Inflammatory Diseases: A Danish Multidisciplinary Collaboration on Prognostic Factors and Personalised Medicine
Andersen, V., Holmskov, U., Sørensen, S. B., Jawhara, M., Andersen, K. W., Bygum, A., Sylvester Hvid, L., Grauslund, J. , Wied, J., Glerup, H., Fredberg, U., Villadsen, J. A., Kjær, S. G., Fallingborg, J., Moghadd, S. A. G. R., Knudsen, T., Brodersen, J., Frøjk, J., Dahlerup, J. F., Nielsen, O. H. & 18 flere, Christensen, R., Bojesen, A. B., Sorensen, G. L., Thiel, S., Færgeman, N. J., Brandslund, I., Stensballe, A., Schmidt, E. B., Franke, A., Ellinghaus, D., Rosenstiel, P., Raes, J., Heitmann, B., Boye, M., Lindgaard Nielsen, C., Werner, L., Kjeldsen, J. & Ellingsen, T., 15. maj 2017, I : Nutrients. 9, 5, 16 s., 499.

Quantitative lipidomics reveals age-dependent perturbations of whole-body lipid metabolism in ACBP deficient mice
Gallego, S. F., Sprenger, R. R., Neess, D., Pauling, J. K., Færgeman, N. J. & Ejsing, C. S., feb. 2017, I : B B A - Molecular and Cell Biology of Lipids. 1862, 2, s. 145-155

Antimicrobial medium- and long-chain free fatty acids prevent PrfA-dependent activation of virulence genes in Listeria monocytogenes.
Sternkopf Lillebæk, E. M., Lambert Nielsen, S., Scheel Thomasen, R., Færgeman, N. J. & Kallipolitis, B. H., 2017, I : Research in Microbiology. 168, 6, s. 547-557 11 s.

Biomarker Research in Parkinson's Disease Using Metabolite Profiling
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Carnitine acetyltransferase: A new player in skeletal muscle insulin resistance?
Berg, S. M., Beck-Nielsen, H., Færgeman, N. J. & Gaster, M., 2017, I : Biochemistry and Biophysics Reports . 9, s. 47-50

Elimination of the last reactions in ergosterol biosynthesis alters the resistance of Saccharomyces cerevisiae to multiple stresses
Liu, G., Chen, Y., Færgeman, N. J. & Nielsen, J., 2017, I : FEMS Yeast Research. 17, 6, 8 s., fox063.

HIF-1-dependent regulation of lifespan in Caenorhabditis elegans by the acyl-CoA-binding protein MAA-1
Shamalnasab, M., Dhaoui, M., Thondamal, M., Harvald, E. B., Færgeman, N. J., Aguilaniu, H. & Fabrizio, P., 2017, I : Aging. 9, 7, s. 1745-1769 25 s.

Multi-omics Analyses of Starvation Responses Reveal a Central Role for Lipoprotein Metabolism in Acute Starvation Survival in C. elegans
Harvald, E. B., Sprenger, R. R., Dall, K. B., Ejsing, C. S., Nielsen, R., Mandrup, S., Murillo, A. B., Larance, M., Gartner, A., Lamond, A. I. & Færgeman, N. J., 2017, I : Cell Systems. 5, 1, s. 38-52.e4

Regulation of very-long acyl chain ceramide synthesis by acyl-CoA-binding protein
Ferreira, N. S., Engelsby, H., Neess, D., Kelly, S. L., Volpert, G., Merrill, A. H., Futerman, A. H. & Færgeman, N. J., 2017, I : Journal of Biological Chemistry. 292, 18, s. 7588-7597 10 s.

Sphingolipids: membrane microdomains in brain development, function and neurological diseases
Olsen, A. S. B. & Færgeman, N. J., 2017, I : Open Biology. 7, 5, 17 s., 170069.

The Significance of Epidermal Lipid Metabolism in Whole-Body Physiology
Kruse, V., Neess, D. & Færgeman, N. J., 2017, I : Trends in Endocrinology and Metabolism. 28, 9, s. 669-683

TORC1 Inhibits GSK3-Mediated Elo2 Phosphorylation to Regulate Very Long Chain Fatty Acid Synthesis and Autophagy
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Ribonuclease-mediated control of body fat
Habacher, C., Guo, Y., Venz, R., Kumari, P., Neagu, A., Gaidatzis, D., Harvald, E. B., Færgeman, N. J., Gut, H. & Ciosk, R., 7. nov. 2016, I : Developmental Cell. 39, 3, s. 359-369

Cerebrospinal fluid levels of catecholamine metabolites in Parkinson's disease and L-DOPA-induced dyskinesia
Dammann Andersen, A., Binzer, M., Stenager, E., Blaabjerg, M., Havelund, J. F., Færgeman, N. J. & Gramsbergen, J. B., 3. jul. 2016.

A Drosophila Genome-Wide Screen Identifies Regulators of Steroid Hormone Production and Developmental Timing
Danielsen, E. T., Moeller, M. E., Yamanaka, N., Ou, Q., Laursen, J. M., Soenderholm, C., Zhuo, R., Phelps, B., Tang, K., Zeng, J., Kondo, S., Nielsen, C. H., Harvald, E. B., Faergeman, N. J., Haley, M. J., O'Connor, K. A., King-Jones, K., O'Connor, M. B. & Rewitz, K. F., 20. jun. 2016, I : Developmental Cell. 37, 6, s. 558-570 13 s.

Identification of Novel Genetic Determinants of Erythrocyte Membrane Fatty Acid Composition among Greenlanders
Andersen, M. K., Jørsboe, E., Sandholt, C. H., Grarup, N., Jørgensen, M. E., Færgeman, N. J., Bjerregaard, P., Pedersen, O., Moltke, I., Hansen, T. & Albrechtsen, A., jun. 2016, I : P L o S Genetics. 12, 6, 19 s., e1006119.

The ACBP gene family in *Rhodnius prolixus*: Expression, characterization and function of RpACBP-1
Majerowicz, D., Hannibal-Bach, H. K., Castro, R. S. C., Bozaquel-Morais, B. L., Alves-Bezerra, M., Grillo, L. A. M., Masuda, C. A., Færgeman, N. J., Knudsen, J. & Gondim, K. C., maj 2016, I : Insect Biochemistry and Molecular Biology. 72, s. 41-52

Biochemical and Bioimaging Evidence of Cholesterol in Acquired Cholesteatoma
Thorsted, B., Bloksgaard, M., Groza, A., Schousboe, P., Færgeman, N. J., Sørensen, J. A., Svane-Knudsen, V. & Brewer, J. R., 15. apr. 2016, I : Annals of Otology, Rhinology and Laryngology. 125, 8, s. 627-633

Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition)
Klionsky, D. J., Abdelmohsen, K., Abe, A., Abedin, M. J., Abeliovich, H., Acevedo Arozena, A., Adachi, H., Adams, C. M., Adams, P. D., Adeli, K., Adhihetty, P. J., Adler, S. G., Agam, G., Agarwal, R., Aghi, M. K., Agnello, M., Agostinis, P., Aguilar, P. V., Aguirre-Ghiso, J., Airoldi, E. M. & 2,447 flere, Ait-Si-Ali, S., Akematsu, T., Akporiaye, E. T., Al-Rubeai, M., Albaiceta, G. M., Albanese, C., Albani, D., Albert, M. L., Aldudo, J., Algül, H., Alirezaei, M., Alloza, I., Almasan, A., Almonte-Beceril, M., Alnemri, E. S., Alonso, C., Altan-Bonnet, N., Altieri, D. C., Alvarez, S., Alvarez-Erviti, L., Alves, S., Amadoro, G., Amano, A., Amantini, C., Ambrosio, S., Amelio, I., Amer, A. O., Amessou, M., Amon, A., An, Z., Anania, F. A., Andersen, S. U., Andley, U. P., Andreadi, C. K., Andrieu-Abadie, N., Anel, A., Ann, D. K., Anoopkumar-Dukie, S., Antonioli, M., Aoki, H., Apostolova, N., Aquila, S., Aquilano, K., Araki, K., Arama, E., Aranda, A., Araya, J., Arcaro, A., Arias, E., Arimoto, H., Ariosa, A. R., Armstrong, J. L., Arnould, T., Arsov, I., Asanuma, K., Askanas, V., Asselin, E., Atarashi, R., Atherton, S. S., Atkin, J. D., Attardi, L. D., Auberger, P., Auburger, G., Aurelian, L., Autelli, R., Avagliano, L., Avantaggiati, M. L., Avrahami, L., Awale, S., Azad, N., Bachetti, T., Backer, J. M., Bae, D-H., Bae, J-S., Bae, O-N., Bae, S. H., Baehrecke, E. H., Baek, S-H., Baghdiguian, S., Bagniewska-Zadworna, A., Bai, H., Bai, J., Bai, X-Y., Bailly, Y., Balaji, K. N., Balduini, W., Ballabio, A., Balzan, R., Banerjee, R., Bánhegyi, G., Bao, H., Barbeau, B., Barrachina, M. D., Barreiro, E., Bartel, B., Bartolomé, A., Bassham, D. C., Bassi, M. T., Bast, R. C., Basu, A., Batista, M. T., Batoko, H., Battino, M., Bauckman, K., Baumgarner, B. L., Bayer, K. U., Beale, R., Beaulieu, J-F., Beck, G. R., Becker, C., Beckham, J. D., Bédard, P-A., Bednarski, P. J., Begley, T. J., Behl, C., Behrends, C., Behrens, G. M., Behrns, K. E., Bejarano, E., Belaid, A., Belleudi, F., Bénard, G., Berchem, G., Bergamaschi, D., Bergami, M., Berkhout, B., Berliocchi, L., Bernard, A., Bernard, M., Bernassola, F., Bertolotti, A., Bess, A. S., Besteiro, S., Bettuzzi, S., Bhalla, S., Bhattacharyya, S., Bhutia, S. K., Biagosch, C., Bianchi, M. W., Biard-Piechaczyk, M., Billes, V., Bincoletto, C., Bingol, B., Bird, S. W., Bitoun, M., Bjedov, I., Blackstone, C., Blanc, L., Blanco, G. A., Blomhoff, H. K., Boada-Romero, E., Böckler, S., Boes, M., Boesze-Battaglia, K., Boise, L. H., Bolino, A., Boman, A., Bonaldo, P., Bordi, M., Bosch, J., Botana, L. M., Botti, J., Bou, G., Bouché, M., Bouchecareilh, M., Boucher, M-J., Boulton, M. E., Bouret, S. G., Boya, P., Boyer-Guittaut, M., Bozhkov, P. V., Brady, N., Braga, V. M., Brancolini, C., Braus, G. H., Bravo-San Pedro, J. M., Brennan, L. A., Bresnick, E. H., Brest, P., Bridges, D., Bringer, M-A., Brini, M., Brito, G. C., Brodin, B., Brookes, P. S., Brown, E. J., Brown, K., Broxmeyer, H. E., Bruhat, A., Brum, P. C., Brumell, J. H., Brunetti-Pierri, N., Bryson-Richardson, R. J., Buch, S., Buchan, A. M., Budak, H., Bulavin, D. V., Bultman, S. J., Bultynck, G., Bumbasirevic, V., Burelle, Y., Burke, R. E., Burmeister, M., Bütikofer, P., Caberlotto, L., Cadwell, K., Cahova, M., Cai, D., Cai, J., Cai, Q., Calatayud, S., Camougrand, N., Campanella, M., Campbell, G. R., Campbell, M., Campello, S., Candau, R., Caniggia, I., Cantoni, L., Cao, L., Caplan, A. B., Caraglia, M., Cardinali, C., Cardoso, S. M., Carew, J. S., Carleton, L. A., Carlin, C. R., Carloni, S., Carlsson, S. R., Carmona-Gutierrez, D., Carneiro, L. A., Carnevali, O., Carra, S., Carrier, A., Carroll, B., Casas, C., Casas, J., Cassinelli, G., Castets, P., Castro-Obregon, S., Cavallini, G., Ceccherini, I., Cecconi, F., Cederbaum, A. 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Aktiviteter

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Nils J. Færgeman (Foredragsholder)
22. jul. 2013

Molecular Genetics and Quantitative Proteomics to Identify Novel Regulators of Lipid Metabolism
Nils J. Færgeman (Foredragsholder)

27. jan. 2012

Keystone Conference Lipid biology and Lipotoxicity
Nils J. Færgeman (Deltager)
15. maj 2011 → 20. maj 2011

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Dansk Bioteknologisk Selskab (Ekstern organisation)
Nils J. Færgeman (Medlem)
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MAA-1, A novel Acyl-CoA Binding Protein Involved in Endosomal Vesicle Transport in C. elegans
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Priser

2nd Best Poster Danish Society for Neuroscience Annual Meeting
Kevin Heebøll Nygaard (Modtager), Jesper Havelund (Modtager), Troels Halfeld Nielsen (Modtager), Carl-Henrik Nordström (Modtager), Nils J. Færgeman (Modtager), Frantz Rom Poulsen (Modtager), Jan Bert Gramsbergen (Modtager) & Axel Forsse (Modtager), 2018

Presse/medie

Gæren er humlen ved det hele
Nils J. Færgeman
15/03/2014
1 element af Mediedækning

På jagt efter dansk ølgær
Nils J. Færgeman
02/02/2014
1 element af Mediedækning

Projekter

Carlsbergfondet - Regulering af lipid homeostase i C. elegans
Færgeman, N. J.
01/01/2008 → 31/12/2009

Diabetesforeningen - Identification of novel biomolecules and their molecular targets which regulate lipid homeostatis in eukaryotes
Færgeman, N. J.
01/03/2008 → 01/03/2009

Evolva Biotech A/S - Agreement on PhD project - employment in a company
Færgeman, N. J.
19/05/2014 → 18/05/2017

Lundbeckfonden - Acyl-C oA bindende proteins regulerende funktion af cellulær ceramid syntese
Færgeman, N. J.
01/01/2013 → 31/12/2014

Lundbeckfonden - Molecular Circuits Regulating lipid and Energy Homeostasis
Færgeman, N. J.
01/01/2012 → 31/12/2014

Lundbeckfonden -Grants for larger biomedical science projects - A novel link between complex lipid biosynthesis and epilepsy in humans
Færgeman, N. J.
01/01/2014 → 31/03/2017

Miljø- og Fødevareministeriet - Prydplanter med øget kuldestress tolerance og reduceret energibehov
Færgeman, N. J.
01/01/2009 → 31/12/2012

Novo Nordisk Fonden - Funktionen af Acyl-CoA Bindende Protein i syntesen af meget langkædede fedtsyrer og komplekse lipider i mus
Færgeman, N. J.
01/01/2012 → 31/12/2012

Novo Nordisk Fonden - Klinisk og basal biomedicin - Komplekse lipiders rolle i regulering af udvikling og aldring af den multicellulære organisme C. elegans
Færgeman, N. J.
01/01/2010 → 31/12/2011

Novo Nordisk Fonden - klinisk og basal biomedicin - Sammenhæng mellem fedtsyre-metabolisme, autofagi og lipotexicitet
Færgeman, N. J.
01/01/2008 → 31/12/2009

Novo Nordisk fonden - Klinisk og basal biomedicin - Transkriptional regulering af lipid homeostase i C. elegans
Færgeman, N. J.
01/01/2009 → 31/12/2011

Novo Nordisk Fonden - Novel Regulatory Mechanisms of Ceramide Synthesis
Færgeman, N. J.
01/01/2015 → 31/12/2016

Novo Nordisk Fonden - Sensing the Environment: Regulation of Systemic Homeostasis and Dermal Adipocyte Differentiation by the Epidermal Barrier

Færgeman, N. J.
01/01/2018 → 31/12/2019

Novo Nordisk Fonden 1/3 PhD
Færgeman, N. J.
01/09/2012 → 31/12/2017

Samarbejdsaftale med Novo Nordisk A/S
Færgeman, N. J.
01/01/2018 → 30/06/2018

Samarbejdsaftale mellem SDU og KU - Study of the oral microbiome and metabolome of pre-diabetic idividuals from the Addition-Pro cohort
Færgeman, N. J.
01/12/2017 → 30/11/2018

Targeted metabolomics – aftale med KU
Færgeman, N. J.
01/01/2018 → 30/06/2019

Uddannelse- og Forskningsministeriet - Innovationsfonden - Health promoting effects of bioactive compounds in plants.
Færgeman, N. J.
01/01/2008 → 30/06/2012

Uddannelses- og Forskningsministeriet - FNU - Molecular Switches and Circuits Orchestrating Mammalian Lipid Metabolism649
Færgeman, N. J.
01/01/2017 → 31/12/2019

Uddannelses- og Forskningsministeriet - FSS -Unanticipated function of the epidermal permeability barrier in whole body physiology
Færgeman, N. J.
01/01/2015 → 03/03/2018

Uddannelses- og Forskningsministeriet - FNU - Central Signalling Hubs and Molecular Circuits in Eukaryotic Energy and Lipid Metabolism
Færgeman, N. J.
01/01/2013 → 31/12/2016

Uddannelses- og Forskningsministeriet - FNU - Regulatory roles of acyl-CoA
Færgeman, N. J.
01/01/2007 → 01/04/2010

Uddannelses- og Forskningsministeriet - FNU - Role of metabolism in the regulation of life span of cells and organisms
Færgeman, N. J.
01/01/2010 → 31/12/2012

Undervisnings-CV

Pædagogisk uddannelse

2003 Adjunktpædagoikum

Uddannelsesadministrative opgaver

2018-	Formand for uddannesleskomitteen under Dansk Diabetes Akademi
2013-2017	Medlem af uddannelseskommitteen under Dansk Diabetes Akademi
2011-2014	Medlem af undervisningsudvalget, Institut for Biokemi og Molekylær Biologi, Syddansk Universitet
2007-2011	Undervisiningsudvalgsformand Institut for Biokemi og Molekylær Biologi, Syddansk Universitet
2004-2007	Medlem af undervisningsudvalget, Institut for Biokemi og Molekylær Biologi, Syddansk Universitet
2003-2012	Medstifter og bestyrelsesmedlem for PhD forskerskolen ""The Danish Graduate School of Functional Genomics and Proteomics as Applied to Metabolic Diseases”

Erfaring med undervisning, vejledning og eksamen

2004-2007	BM113 Biochemistry and Molecular Cell Biology (12 ECTS) Responsible teacher since 2004 (course discontinued in 2007)
2007-2016	BMB505 Metabolic and hormonal regulation (10 ECTS) Responsible teacher, course renumbered to BMB536 in 2016
2016-	BMB536 Metabolic and hormonal regulation (7.5 ECTS) Responsible teacher,
2002-	BMB202 Protein Purification (10 ECTS), Responsible teacher
2004-2018	Proteinoprensning for Diplomlaboranter
2007-2014	BMB521 Metabolic and hormonal regulation A (5 ECTS, held together with the first half of BMB505) (only for Pharmacy students) Responsible teacher since 2007
Since 2003	Supervised and mentored more than 50 Bsc students, 21 Msc students 15 PhD students and 4 Post docs.

Metoder, materialer og redskaber

Uddannelsesudvikling og universitetspædagogisk (følge)forskning, herunder pædagogiske priser

2009	Udnævnt til bedste underviser på Naturvidenskabeligt Fakultet, SDU

Refleksion over egen pædagogisk praksis og fremtidig udvikling, herunder undervisningsevalueringer