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## Qualifications

MD  
Ph.d.

## Employment

### Department of Clinical Research

1. Mar 2025 → 31. May 2025

### Professor

KI, OUH, Research unit of Endocrinology (Odense)

1. Mar 2025 → 31. May 2025

## Research outputs

### **Type 2 diabetes patients exhibit delayed but coupled bone remodelling, maintaining cortical porosity comparable to healthy controls: A histomorphometric analysis of trans-iliac bone biopsies**

Andreasen, C. M., Wölfel, E. M., Ejersted, C., Andersen, T. L. & Frost, M., Apr 2025, In: Bone. 193, 9 p., 117412.

### **Bone mineral density and the risk of kidney disease in patients with type 1 diabetes**

Hauge, S. C., Hjortkjær, H. Ø., Persson, F., Theilade, S., Frost, M., Jørgensen, N. R., Rossing, P. & Hansen, D., Feb 2025, In: Journal of Diabetes and Its Complications. 39, 2, 7 p., 108927.

### **Bone properties in persons with type 1 diabetes and healthy controls – A cross-sectional study**

Brandt, I. A. G., Viggers, R., Harsløf, T., Frost, M. & Vestergaard, P., Jan 2025, In: Bone. 190, 117306.

### **Restoring oxidative phosphorylation enhances osteogenesis in mitochondrial DNA translation defective human bone marrow stromal cells**

Fernandez-Guerra, P., Kjær, P. K., Terp, S. K., Thomsen, J. S., Aldana, B. I., Renkema, H., Smeitink, J., Andersen, P. H., Palmfeldt, J., Søre, K., Andersen, T. L., Kassem, M., Frost, M. & Frederiksen, A. L., 24. Dec 2024, (E-pub ahead of print) [www.biorxiv.org](http://www.biorxiv.org) : bioRxiv.

### **Biological Heterogeneity in Susceptibility to Glucocorticoid-Induced Bone Loss: Short- and Long-Term Hip BMD Trajectories**

Hansen, B. B., Rubin, K. H., Nielsen, C. V., Nielsen, M. F., Hermann, A. P. & Abrahamsen, B., 3. Dec 2024, (E-pub ahead of print) In: The Journal of Clinical Endocrinology & Metabolism.

### **Once-weekly semaglutide versus placebo in adults with increased fracture risk: a randomised, double-blinded, two-centre, phase 2 trial**

Hansen, M. S., Wölfel, E. M., Jeromdesella, S., Møller, J. J. K., Ejersted, C., Jørgensen, N. R., Eastell, R., Hansen, S. G. & Frost, M., Jun 2024, In: eClinicalMedicine. 72, 14 p., 102624.

### **Human osteoclasts in vitro are dose dependently both inhibited and stimulated by cannabidiol (CBD) and $\Delta^9$ -tetrahydrocannabinol (THC)**

Nielsen, S. S. R., Pedersen, J. A., Sharma, N., Wasehuus, P. K., Hansen, M. S., Møller, A. M., Goldberg Borggaard, X., Rauch, A., Frost, M., Søndergaard, T. E. & Søre, K., Apr 2024, In: Bone. 181, 13 p., 117035.

### **Transcriptional reprogramming during human osteoclast differentiation identifies regulators of osteoclast activity**

Hansen, M. S., Madsen, K., Price, M., Søre, K., Omata, Y., Zaiss, M. M., Gorvin, C. M., Frost, M. & Rauch, A., 24. Jan 2024, In: Bone Research. 12, 1, 5.

### **Midler ved calcium- og knoglemetaboliske sygdomme**

Frost, M. & Hansen, S., 2024, *Basal og klinisk farmakologi*. Simonsen, U., Dalhoff, K. P., Bergmann, T. K. & Rosenkilde, M. (eds.). 7. ed. FADL's Forlag, p. 454-463

### **Biological heterogeneity in skeletal susceptibility to glucocorticoid induced bone loss: Short- and long-term BMD trajectories during unopposed GC treatment in adults**

Hansen, B. B., Rubin, K. H., Abrahamsen, B., Hermann, A. P. & Frost, M., 13. Nov 2023.

### **Microvascular Disease Associates with Larger Osteocyte Lacunae in Cortical Bone in Type 2 Diabetes Mellitus**

Zanner, S., Goff, E., Ghatan, S., Wölfel, E. M., Ejersted, C., Kuhn, G., Müller, R. & Frost, M., Nov 2023, In: *JBMR Plus*. 7, 11, 10 p., e10832.

### **Sex- and Age Group-Specific Fracture Incidence Rates Trends for Type 1 and 2 Diabetes Mellitus**

Nasser, M. I., Kvist, A. V., Vestergaard, P., Eastell, R., Burden, A. M. & Frost, M., Nov 2023, In: *JBMR Plus*. 7, 11, 10 p., e10836.

### **Low Bone Turnover Associates with Lower Insulin Sensitivity in Newly Diagnosed Drug-naïve Persons with Type 2 Diabetes**

Nasser, M. I., Stidsen, J. V., Højlund, K., Nielsen, J. S., Eastell, R. & Frost, M., 16. Jun 2023, In: *The Journal of Clinical Endocrinology & Metabolism*. 108, 7, p. e371-e379

### **Site-Specific Fracture Incidence Rates Among Patients With Type 1 Diabetes, Type 2 Diabetes, or Without Diabetes in Denmark (1997–2017)**

Kvist, A. V., Nasser, M. I., Vestergaard, P., Frost, M. & Burden, A. M., Mar 2023, In: *Diabetes Care*. 46, 3, p. 633-642

### **GIP reduces osteoclast activity and improves osteoblast survival in primary human bone cells**

Hansen, M. S., Søe, K., Christensen, L. L., Guerra, P. F., Hansen, N. W., Wyatt, R. A., Martin, C. S., Hardy, R. S., Andersen, T. L., Olesen, J. B., Hartmann, B., Rosenkilde, M. M., Kassem, M., Rauch, A., Gorvin, C. M. & Frost, M., 2023, In: *European Journal of Endocrinology*. 188, 1, 14 p., Ivac004.

### **Meta-analysis of Diabetes Mellitus-Associated Differences in Bone Structure Assessed by High-Resolution Peripheral Quantitative Computed Tomography**

Walle, M., Whittier, D. E., Frost, M., Müller, R. & Collins, C. J., Dec 2022, In: *Current Osteoporosis Reports*. 20, 6, p. 398-409

### **Management of Primary Hyperparathyroidism**

Bilezikian, J. P., Silverberg, S. J., Bandeira, F., Cetani, F., Chandran, M., Cusano, N. E., Ebeling, P. R., Formenti, A. M., Frost, M., Gosnell, J., Lewiecki, E. M., Singer, F. R., Gittoes, N., Khan, A. A., Marcocci, C., Rejnmark, L., Ye, Z., Guyatt, G. & Potts, J. T., Nov 2022, In: *Journal of Bone and Mineral Research*. 37, 11, p. 2391-2403

### **Acute Effects of Kisspeptin Administration on Bone Metabolism in Healthy Men**

Cominos, A. N., Hansen, M. S., Courtney, A., Choudhury, S., Yang, L., Mills, E. G., Phylactou, M., Busbridge, M., Khir, M., Thaventhiran, T., Bech, P., Tan, T., Abbara, A., Frost, M. & Dhillon, W. S., 17. May 2022, In: *The Journal of Clinical Endocrinology & Metabolism*. 107, 6, p. 1529-1540

### **Familial Multiple Lipomatosis - analyses of genetic etiology by whole genome sequencing and delineation of the clinical phenotype**

Bjerrlund, J., Larsen, M. J., Schroder, H. D., Frost, M., Kassem, M., Ousager, L. B. & Frederiksen, A. L., 1. Apr 2022, In: *European Journal of Human Genetics*. 30, Suppl. 1, p. 205 1 p., P06.014.C.

### **Alliances of the gut and bone axis**

Hansen, M. S. & Frost, M., Mar 2022, In: *Seminars in Cell & Developmental Biology*. 123, p. 74-81

**Bone fragility in diabetes: novel concepts and clinical implications**

Hofbauer, L. C., Busse, B., Eastell, R., Ferrari, S., Frost, M., Müller, R., Burden, A. M., Rivadeneira, F., Napoli, N. & Rauner, M., Mar 2022, In: *The Lancet Diabetes and Endocrinology*. 10, 3, p. 207-220

**The osteogenic capacity of bone marrow mesenchymal stem cells requires increased mitochondrial ATP production**

Guerra, P. F., Sayed, A., Nielsen, T. K., Frederiksen, A. L., Kassem, M. & Frost, M., 2022, In: *Bone Reports*. 16, Suppl., 1 p., 101392.

**The Relationship Between Bone and Reproductive Hormones Beyond Estrogens and Androgens**

Mills, E. G., Yang, L., Nielsen, M. F., Kassem, M., Dhillo, W. S. & Comninou, A. N., 16. Nov 2021, In: *Endocrine Reviews*. 42, 6, p. 691-719

**Development of the Bone Phenotype and microRNA Profile in Adults With Low-Density Lipoprotein Receptor-Related Protein 5–High Bone Mass (LRP5-HBM) Disease**

Lauterlein, J. J. L., Gossiel, F., Weigl, M., Eastell, R., Hackl, M., Hermann, P., Bollerslev, J. & Frost, M., Sept 2021, In: *JBMR Plus*. 5, 9, 11 p., e10534.

**Comparison of 21-year sex-specific fracture incidence rates between type 1 and type 2 diabetics and non-diabetics in Denmark (1997-2017)**

Kvist, A., Nasser, M., Burden, A. M., Vestergaard, P. & Nielsen, M. F., 1. Aug 2021, In: *Pharmacoepidemiology and Drug Safety*. 30, Suppl. 1, p. 179-180 2 p.

**The Antiresorptive Effect of GIP, But Not GLP-2, Is Preserved in Patients With Hypoparathyroidism—A Randomized Crossover Study**

Skov-Jepesen, K., Hepp, N., Oeke, J., Hansen, M. S., Jafari, A., Svane, M. S., Balenga, N., Olson, J. A., Frost, M., Kassem, M., Madsbad, S., Beck Jensen, J. E., Holst, J. J., Rosenkilde, M. M. & Hartmann, B., Aug 2021, In: *Journal of Bone and Mineral Research*. 36, 8, p. 1448-1458

**Disentangling the relationship between bone turnover and glucose homeostasis: A prospective, population-based twin study**

Dalgård, C., Hansen, M. S., Möller, S., Kyvik, K. O. & Frost, M., Jun 2021, In: *Bone Reports*. 14, 100752.

**A 20-year comparison of sex-specific fracture incidence between Type 1 and Type 2 diabetics and non-diabetics in Denmark**

Nasser, M., Kvist, A., Frost, M., Vestergaard, P. & Burden, A. M., Apr 2021, In: *Bone Reports*. 14, 1 p., 100771.

**Gastric inhibitory polypeptide (GIP) decreases bone resorptive activity of human osteoclasts in vitro**

Hansen, M. S. S., Søre, K., Gorvin, C. & Frost, M., Apr 2021, In: *Bone Reports*. 14, Suppl. , p. 100872 2 p.

**Serum sclerostin and glucose homeostasis: No association in healthy men. Cross-sectional and prospective data from the EGIR-RISC study**

Lauterlein, J. J. L., Hermann, P., Konrad, T., Wolf, P., Nilsson, P., Sánchez, R. G., Ferrannini, E., Balkau, B., Højlund, K. & Frost, M., Feb 2021, In: *Bone*. 143, 115681.

**Impact of Lean Body Mass and Insulin Sensitivity on the IGF-1-Bone Mass Axis in Adolescence: the EPICOM study**

Jensen, R. B., Bytoft, B., Lohse, Z., Johnsen, S. K., Nielsen, M. F., Oturai, P. S., Højlund, K., Damm, P., Clausen, T. D. & Jensen, D. M., 23. Jan 2021, In: *The Journal of Clinical Endocrinology & Metabolism*. 106, 2, p. e772-e781

**Understanding Bone Disease in Patients with Diabetic Kidney Disease: a Narrative Review**

Hauge, S. C., Frost, M. & Hansen, D., Dec 2020, In: *Current Osteoporosis Reports*. 18, 6, p. 727-736

**Glucagon-like Peptide 1 (GLP-1) Acts Directly On Human Osteoclasts To Increase Differentiation And Bone Resorptive Activity**

Hansen, M. S., Søre, K., Gorvin, C. & Frost, M., May 2020, In: *Journal of the Endocrine Society*. 4, Suppl, 1, SUN-347.

**Variability in Medullary Thyroid Carcinoma in RET L790F Carriers: A Case Comparison Study of Index Patients**

Mathiesen, J. S., Nielsen, S. G., Rasmussen, Å. K., Kiss, K., Wadt, K., Hermann, A. P., Nielsen, M. F., Larsen, S. R., Brusgaard, K., Frederiksen, A. L., Godballe, C. & Rossing, M., 28. Apr 2020, In: *Frontiers in Endocrinology*. 11, 7 p., 251.

**Modeling-based bone formation transforms trabeculae to cortical bone in the sclerotic areas in Buschke-Ollendorff syndrome. A case study of two females with LEMD3 variants**

Frost, M., Rahbek, E. T., Ejersted, C., Højlund-Carlsen, P. F., Bygum, A., Thomsen, J. S., Andreasen, C. M., Andersen, T. L. & Frederiksen, A. L., 6. Mar 2020, In: *Bone*. 135, 115313.

**The impact of an orthogeriatric intervention in patients with fragility fractures: a cohort study**

Abrahamsen, C., Nørgaard, B., Draborg, E. & Nielsen, M. F., 15. Oct 2019, In: *BMC Geriatrics*. 19, 11 p., 268.

**Epigenome-wide exploratory study of monozygotic twins suggests differentially methylated regions to associate with hand grip strength**

Soerensen, M., Li, W., Debrabant, B., Nygaard, M., Mengel-From, J., Frost, M., Christensen, K., Christiansen, L. & Tan, Q., Oct 2019, In: *Biogerontology*. 20, 5, p. 627-647

**Clinical Features of Multiple Endocrine Neoplasia Type 4: Novel Pathogenic Variant and Review of Published Cases**

Frederiksen, A., Rossing, M., Hermann, P., Ejersted, C., Thakker, R. V. & Frost, M., 1. Sept 2019, In: *The Journal of Clinical Endocrinology & Metabolism*. 104, 9, p. 3637-3646

**Mitochondrial mutation m.3243A>G associates with insulin resistance in non-diabetic carriers.**

Langdahl, J. H., Frederiksen, A. L., Vissing, J., Frost, M., Yderstræde, K. B. & Andersen, P. H., Jun 2019, In: *Endocrine Connections*. 8, 7, p. 829-837

**Side effects of drugs for osteoporosis and metastatic bone disease**

Skjødt, M. K., Frost, M. & Abrahamsen, B., Jun 2019, In: *British Journal of Clinical Pharmacology*. 85, 6, p. 1063-1071

**Obesity-Associated Hypermetabolism and Accelerated Senescence of Bone Marrow Stromal Stem Cells Suggest a Potential Mechanism for Bone Fragility**

Tencerova, M., Frost, M., Figeac, F., Nielsen, T. K., Ali, D., Lauterlein, J. J. L., Andersen, T. L., Haakonsson, A. K., Rauch, A., Madsen, J. S., Ejersted, C., Højlund, K. & Kassem, M., 14. May 2019, In: *Cell Reports*. 27, 7, p. 2050-2062.e6

**Glucagon-like peptide 1 increases bone resorptive activity of human osteoclasts in osteoclast mono-cultures and osteoclast/osteoblast co-cultures in vitro**

Hansen, M. S., Søe, K. & Frost, M., May 2019, In: *Calcified Tissue International*. 104, p. S93-S94 P108.

**Absence of an osteopetrosis phenotype in IKBKG (NEMO) mutation-positive women: A case-control study**

Frost, M., Tencerova, M., Andreasen, C. M., Levin Andersen, T., Ejersted, C. A., Svaneby, D., Kassem, M., Whyte, M. P. & Frederiksen, A. L., Apr 2019, In: *Bone*. 121, p. 243-254

**Osteoporosis and prostate cancer: a 24-month prospective observational study during androgen deprivation therapy**

Poulsen, M. H., Frost, M., Abrahamsen, B., Gerke, O., Walter, S. & Lund, L., Feb 2019, In: *Scandinavian Journal of Urology*. 53, 1, p. 34-39

**Midler ved kalcium- og knoglemetaboliske sygdomme**

Frost, M. & Abrahamsen, B., 2019, *Basal og klinisk farmakologi*. Brøsen, K., Dalhoff, K. & Simonsen, U. (eds.). 6. ed. FADL's Forlag, p. 516-532

**Calcium-sensing receptor residues with loss- and gain-of-function mutations are located in regions of conformational change and cause signalling bias**

Gorvin, C. M., Frost, M., Malinauskas, T., Cranston, T., Boon, H., Siebold, C., Yvonne Jones, E., Hannan, F. M. & Thakker, R. V., 1. Nov 2018, In: *Human Molecular Genetics*. 27, 21, p. 3720-3733

**Human obesity is associated with enhanced insulin signaling and accelerated differentiation of bone marrow stromal stem cell leading to premature skeletal aging**

Tencerova, M., Frost, M., Figeac, F., Haakonsson, A. K., Lauterlein, J.-J., Nielsen, T. K., Ali, D. A. H., Hojlund, K. & Kassem, M., 1. Nov 2018, In: Journal of Bone and Mineral Research. 33, Suppl. 1, p. 216 1 p.

**Lower Insulin Sensitivity in Patients With High Bone Mass due to a LRP5T253I mutation**

Lauterlein, J.-J. L., Hermann, A. P., Kassem, M., Hojlund, K. & Frost, M., 1. Nov 2018, In: Journal of Bone and Mineral Research. 33, Suppl. 1, p. 40 1 p.

**Multiple Endocrine Neoplasia, type 4-a Novel CDKN1B Mutation with High Penetrance of Primary Hyperparathyroidism**

Frederiksen, A. L., Rossing, M., Hermann, A. P., Ejersted, C. & Frost, M., 1. Nov 2018, In: Journal of Bone and Mineral Research. 33, Suppl. 1, p. 419 1 p.

**Recovery of gut microbiota of healthy adults following antibiotic exposure**

Palleja, A., Mikkelsen, K. H., Forslund, S. K., Kashani, A., Allin, K. H., Nielsen, T., Hansen, T. H., Liang, S., Feng, Q., Zhang, C., Pyl, P. T., Coelho, L. P., Yang, H., Wang, J., Typas, A., Nielsen, M. F., Nielsen, H. B., Bork, P., Wang, J. & Vilsbøll, T. & 4 others, Hansen, T., Knop, F. K., Arumugam, M. & Pedersen, O., Nov 2018, In: Nature Microbiology. 3, 11, p. 1255-1265

**No changes in levels of bone formation and resorption markers following a broad-spectrum antibiotic course**

Mikkelsen, K. H., Vilsbøll, T., Holst, J. J., Hartmann, B., Knop, F. K. & Frost, M., 4. Sept 2018, In: BMC Endocrine Disorders. 18, 6 p., 60.

**Assessment of the genetic and clinical determinants of fracture risk: genome wide association and mendelian randomisation study**

Skovsager Andersen, M. (Member of author group), Frost, M. (Member of author group), 23andMe Research Team & GEFOS/GENOMOS consortium, 29. Aug 2018, In: The BMJ. 362, 14 p., k3225.

**Effects of metformin, rosiglitazone and insulin on bone metabolism in patients with type 2 diabetes**

Stage, T. B., Christensen, M.-M. H., Jørgensen, N. R., Beck-Nielsen, H., Brøsen, K., Gram, J. & Frost, M., Jul 2018, In: Bone. 112, p. 35-41

**Current and emerging therapies for PNETs in patients with or without MEN1**

Frost, M., Lines, K. E. & Thakker, R. V., Apr 2018, In: Nature Reviews. Endocrinology. 14, 4, p. 216-227

**Leucocytes mutation load declines with age in carriers of the m.3243A>G mutation: A 10-year Prospective Cohort**

Langdahl, J. H., Larsen, M., Frost, M., Andersen, P. H., Yderstraede, K. B., Vissing, J., Dunø, M., Thomassen, M. & Frederiksen, A. L., Apr 2018, In: Clinical Genetics. 93, 4, p. 925-928

AP2 $\sigma$  Mutations Impair Calcium-Sensing Receptor Trafficking and Signaling, and Show an Endosomal Pathway to Spatially Direct G-Protein Selectivity: Mutations Impair Calcium-Sensing Receptor Trafficking and Signaling, and Show an Endosomal Pathway to Spatially Direct G-Protein Selectivity

Gorvin, C. M., Rogers, A., Hastoy, B., Tarasov, A. I., Frost, M., Sposini, S., Inoue, A., Whyte, M. P., Rorsman, P., Hanyaloglu, A. C., Breitwieser, G. E. & Thakker, R. V., 23. Jan 2018, In: Cell Reports. 22, 4, p. 1054-1066

**Effects of gastric inhibitory polypeptide, glucagon-like peptide-1 and glucagon-like peptide-1 receptor agonists on Bone Cell Metabolism**

Hansen, M. S. S., Tencerova, M., Frølich, J., Kassem, M. & Frost, M., Jan 2018, In: Basic & Clinical Pharmacology & Toxicology. 122, 1, p. 25-37

**Epigenetic signature of preterm birth in adult twins**

Tan, Q., Li, S., Frost, M., Nygaard, M., Soerensen, M., Larsen, M., Christensen, K. & Christiansen, L., 2018, In: Clinical Epigenetics. 10, 10 p., 87.

**The relationship between bone turnover and insulin sensitivity and secretion: Cross-sectional and prospective data from the RISC cohort study**

Frost, M., Balkau, B., Hatunic, M., Konrad, T., Mingrone, G. & Højlund, K., 2018, In: Bone. 108, p. 98-105

**Bone morphology in IKBKG (NEMO) mutation positive women: A case-control study**

Frost, M., Tencerova, M., Ejersted, C. A., Svaneby, D., Levin Andersen, T., Kasseem, M., McAlister, W. H., Novack, D. V., Whyte, M. P. & Frederiksen, A. L., Dec 2017, In: Journal of Bone and Mineral Research. 32, S1, p. S395 1 p., MO0710.

**Hypercalcemic Disorders in Children**

Stokes, V. J., Nielsen, M. F., Hannan, F. M. & Thakker, R. V., Nov 2017, In: Journal of Bone and Mineral Research. 32, 11, p. 2157-2170

**Reply to: Reduced Bone Mineral Density in m.3243A>G Carriers May Be Multifactorial**

Høgild Langdahl, J., Frederiksen, A. L., Andersen, P. H., Yderstræde, K. B. & Frost, M., Nov 2017, In: Journal of Bone and Mineral Research. 32, 11, p. 2317-2318

**Bone disease in diabetes: Another manifestation of microvascular disease?**

Shanbhogue, V. V., Hansen, S., Frost, M., Brixen, K. & Hermann, A. P., Oct 2017, In: The Lancet Diabetes & Endocrinology. 5, 10, p. 827-838

**Disentangling the association between diabetes and bone disease - Authors' reply**

Shanbhogue, V. V., Hansen, S., Frost, M., Brixen, K. & Hermann, A. P., Oct 2017, In: The Lancet Diabetes & Endocrinology. 5, 10, p. 769-770

**Mitochondrial point mutation m.3243A>G associates with lower bone mineral density, thinner cortices and reduced bone strength: A case-control study**

Langdahl, J. H., Frederiksen, A. L., Hansen, S. J., Andersen, P. H., Yderstræde, K. B., Dunø, M., Vissing, J. & Frost, M., Oct 2017, In: Journal of Bone and Mineral Research. 32, 10, p. 2041-2048

**Epigenome-wide association of DNA methylation in whole blood with bone mineral density**

Morris, J. A., Tsai, P.-C., Joehanes, R., Zheng, J., Trajanoska, K., Sørensen, M., Forgetta, V., Castillo-Fernandez, J. E., Frost, M., Spector, T. D., Christensen, K., Christiansen, L., Rivadeneira, F., Tobias, J. H., Evans, D. M., Kiel, D. P., Hsu, Y.-H., Richards, J. B. & Bell, J. T., Aug 2017, In: Journal of Bone and Mineral Research. 32, 8, p. 1644-1650

**Bone health and body composition changes in men treated with androgen deprivation therapy for prostate cancer**

Poulsen, M. H., Frost, M., Abrahamsen, B., Gerke, O., Walter, S. & Lund, L., 14. Jun 2017. 1 p.

**A MEN1 pancreatic neuroendocrine tumour mouse model, under temporal control**

Lines, K. E., Yates, C., Nunes, R., Frost, M., Stevenson, M. & Thakker, R. V., 1. May 2017, In: Endocrine Connections. 6, 4, p. 232-242

**Epidemiology of Fractures in Diabetes**

Starup-Linde, J., Frost, M., Vestergaard, P. & Abrahamsen, B., Feb 2017, In: Calcified Tissue International. 100, 2, p. 109-121

**Use of antibiotics in childhood and risk of Type 1 diabetes: a population-based case-control study**

Mikkelsen, K. H., Knop, F. K., Vilsbøll, T., Frost, M., Hallas, J. & Pottegård, A., Feb 2017, In: Diabetic Medicine. 34, 2, p. 272-277

**Use of glucose-lowering drugs and risk of fracture in patients with type 2 diabetes**

Linde, J. S., Gregersen, S., Frost, M. & Vestergaard, P., Feb 2017, In: Bone. 95, p. 136-142

**Bone morphology in IKBKG (NEMO) mutation positive women: A case-control study**

Frost, M., Tencerova, M., Ejersted, C. A., Svaneby, D., Levin Andersen, T., Kassem, M., McAlister, W. H., Novack, D., Whyte, M. P. & Frederiksen, A. L., 2017.

**Octreotide therapy and restricted fetal growth: pregnancy in familial hyperinsulinemic hypoglycemia**

Geilswijk, M., Andersen, L. L. T., Frost, M., Brusgaard, K., Beck-Nielsen, H., Frederiksen, A. L. & Jensen, D. M., 2017, In: Endocrinology, Diabetes & Metabolism Case Reports. 2017, 5 p., 16-0126.

**Asymptomatic parental mosaicism for osteogenesis imperfecta associated with a new splice site mutation in COL1A2.**

Frederiksen, A. L., Dunø, M., Johnsen, I. B. G., Frost, M. & Krøigård, A. B., Oct 2016, In: Clinical Case Reports. 4, 10, p. 972-978

**Normal hematopoiesis and lack of  $\beta$ -catenin activation in osteoblasts of patients and mice harboring Lrp5 gain of function mutations**

Galan-Diez, M., Isa, A., Ponzetti, M., Nielsen, M. F. M., Kassem, M. & Kousteni, S., Mar 2016, In: BBA General Subjects. 1863, 3, p. 490-498

**Compromised cortical bone compartment in type 2 diabetes mellitus patients with microvascular disease**

Shanbhogue, V. V., Hansen, S., Nielsen, M. F. M., Rye Jørgensen, N., Hermann, P., Henriksen, J. E. & Brixen, K., Feb 2016, In: European Journal of Endocrinology. 174, 2, p. 115-124

**Bone structure in two adult subjects with impaired minor spliceosome function resulting from RNU4ATAC mutations causing microcephalic osteodysplastic primordial dwarfism type 1 (MOPD1)**

Krøigård, A. B., Frost, M., Larsen, M. J., Ousager, L. B. & Frederiksen, A. L., 2016, In: Bone. 92, p. 145-149

**Differentially Methylated Genomic Regions in Birth-Weight Discordant Twin Pairs**

Chen, M., Baumbach, J., Vandin, F., Röttger, R., Vieira Barbosa, E. G., Dong, M., Nielsen, M. F. M., Christiansen, L. & Tan, Q., 2016, In: Annals of Human Genetics. 80, 2, p. 81-87

**Neonatal High Bone Mass With First Mutation Of The NF- $\kappa$ B Complex: Heterozygous *De Novo* Missense (p.Asp512Ser) *RELA* (Rela/p65)**

Frederiksen, A. L., Larsen, M. J., Brusgaard, K., Norvack, D. V., Knudsen, P. J. T., Schrøder, H. D., Qiu, W., Eckhardt, C., McAlister, W. H., Kassem, M., Mumm, S., Nielsen, M. F. M. & Whyte, M. P., 2016, In: Journal of Bone and Mineral Research. 31, 1, p. 163-172

**Study On Impact of Obesity On Cellular And Molecular Characteristics Of Bone Marrow Stromal Stem Cells In Healthy Men.**

Tencerova, M., Frost, M., Nielsen, T. K. L. & Kassem, M., 2016.

**Genetic sharing with cardiovascular disease risk factors and diabetes reveals novel bone mineral density loci**

GEFOS Consortium, 1. Dec 2015, In: PLOS ONE. 10, 12, 20 p., e0144531.

**Bone Geometry, Volumetric Density, Microarchitecture and Estimated Bone Strength Assessed by HR-pQCT in Adult Patients with Type 1 Diabetes Mellitus**

Shanbhogue, V. V., Hansen, S., Nielsen, M. F. M., Rye Jørgensen, N., Hermann, A. P., Henriksen, J. E. & Brixen, K., Dec 2015, In: Journal of Bone and Mineral Research. 30, 12, p. 2188-2199

**Case report: vitamin D-dependent rickets type 1 caused by a novel CYP27B1 mutation**

Füchtbauer, L., Brusgaard, K., Ledaal, P., Nielsen, M. F. M. & Frederiksen, A. L., Dec 2015, In: Clinical Case Reports. 3, 12, p. 1012-1016

**EPIGENETICS AND BONE STATUS: A TWIN STUDY WITH EMPHASIS ON THE FOXO3A REGION**

Sørensen, M., Erbs, L., Frost, M., Tan, Q., Christensen, K. & Christiansen, L., 18. Nov 2015.

### **Effect of Antibiotics on Gut Microbiota, Gut Hormones and Glucose Metabolism**

Hallundbæk Mikkelsen, K., Nielsen, M. F. M., Bahl, M. I., Licht, T. R., Jensen, U. S., Rosenberg, J., Pedersen, O. B., Hansen, T., Rehfeld, J. F., Holst, J. J., Vilsbøll, T. & Knop, F. K., 1. Nov 2015, In: PLOS ONE. 10, 11, 14 p., e0142352.

### **Epigenetics and Bone Status: a Twin Study with Emphasis on the FOXO3A Region**

Sørensen, M., Erbs, L., Nielsen, M. F. M., Tan, Q., Christensen, K. & Christiansen, L., Nov 2015, In: The Gerontologist. 55, Suppl. 2, p. 62-63

### **Response to the Letter: "Epidemiologic Association Between Antibiotic Use With the Risk of Developing Type 2 Diabetes" by López-Hernández, D**

Mikkelsen, K. H., Knop, F. K., Nielsen, M. F. M., Hallas, J. & Pottegård, A., Nov 2015, In: The Journal of Clinical Endocrinology & Metabolism. 100, 11, p. L121 1 p.

### **Use of Antibiotics and Risk of Type 2 Diabetes: A Population-Based Case-Control Study**

Mikkelsen, K., Knop, F., Nielsen, M. F. M., Hallas, J. & Pottegård, A., Oct 2015, In: The Journal of Clinical Endocrinology & Metabolism. 100, 10, p. 3633-3640

### **Peak muscle mass in young men and sarcopenia in the ageing male**

Nielsen, M. F. M., Nielsen, T. L., Brixen, K. & Andersen, M., Feb 2015, In: Osteoporosis International. 26, 2, p. 749-756

### **Mitochondrial DNA point mutation is associated with lower bone mineral density and altered bone structure in a matched case-control study**

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### **Use of antibiotics and risk of type 2 diabetes: a population-based case control study**

Mikkelsen, K. H., Nielsen, M. F. M., Knop, F. K., Hallas, J. & Pottegård, A., 2015, In: Diabetologia. 58, S1, p. S6 12.

### **Epigenetic signature of birth weight discordance in adult twins**

Tan, Q., Nielsen, M. F. M., Heijmans, B. T., von Bornemann Hjelmberg, J., Tobi, E. W., Christensen, K. & Christiansen, L., Dec 2014, In: BMC Genomics. 15, 1, 1062.

### **Increased cortical area and thickness in the distal radius in subjects with SHOX-gene mutation**

Frederiksen, A. L., Hansen, S., Brixen, K. & Nielsen, M. F. M., Dec 2014, In: Bone. 69, p. 23-29

### **Mitochondrial diabetes - Maternally Inherited Diabetes and Deafness (MIDD)**

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### **Osteoporosis and prostate cancer: a cross-sectional study of Danish men with prostate cancer before androgen deprivation therapy**

Poulsen, M. H., Nielsen, M. F. M., Abrahamsen, B., Brixen, K. & Walter, S., Aug 2014, In: Scandinavian Journal of Urology. 48, 4, p. 350-355

### **Bone Microarchitecture and Estimated Strength in 499 Adult Danish Women and Men: A Cross-Sectional, Population-Based High-Resolution Peripheral Quantitative Computed Tomographic Study on Peak Bone Structure**

Hansen, S., Shanbhogue, V., Folkestad, L., Nielsen, M. F. M. & Brixen, K., 2014, In: Calcified Tissue International. 94, 3, p. 269-281

### **Det komplekse kliniske billede ved arvelige mitokondriesygdomme**

Frederiksen, A. L., Nielsen, M. F. M., Yderstræde, K. B. & Vissing, J., 2014, In: Ugeskrift for Læger. 176, 19, p. 1779-1783

### **Diabetes og hørenedsættelse på grund af mitokondriel punktmutation**

Lauterlein, J.-J., Olsen, I., Yderstræde, K. B. & Nielsen, M. F. M., 2014, In: Ugeskrift for Læger. 176, 19, p. 1783-1785 3 p., V05130313.



**Birth weight and adult bone metabolism are unrelated. Results from birth weight discordant monozygotic twins**

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**Epigenome-wide association study on identical twins discordant for birth weight**

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**Parity and tanned white skin as novel predictors of vitamin D status in early pregnancy: A population-based cohort study**

Andersen, L. B., Abrahamsen, B., Dalgård, C., Kyhl, H. B., Beck-Nielsen, S., Nielsen, M. F. M., Jørgensen, J. S., Barington, T. & Christesen, H. T., Sept 2013, In: Clinical Endocrinology. 79, 3, p. 333-341

**Autosomal dominant osteopetrosis revisited: lessons from recent studies**

Bollerslev, J., Henriksen, K., Nielsen, M. F. M., Brixen, K. & Van Hul, W., Aug 2013, In: European Journal of Endocrinology. 169, 2, p. R39-R57

**Regulation of the pituitary-thyroid axis in adulthood is not related to birth weight: evidence from extremely birth weight-discordant monozygotic Danish twin pairs**

Nielsen, M. F. M., Petersen, I., Hegedüs, L., Christiansen, L., Brix, T. & Christensen, K., 1. Jul 2013, In: Thyroid. 23, 7, p. 785-790

**Similar Reference Intervals for Total Testosterone in Healthy Young and Elderly Men. Results from the Odense Androgen Study**

Nielsen, M. F. M., Wraae, K., Nielsen, T. L., Hougaard, D., Brixen, K., Hagen, C. & Andersen, M., May 2013, In: Clinical Endocrinology. 78, 5, p. 743-751

**Analysis of 450K data on identical twins discordant for birth weight**

Tan, Q., Nielsen, M. F. M., Christensen, K. & Christiansen, L., 2013

**Central nervous system medications and falls risk in men aged 60-75 years: the Study on Male Osteoporosis and Aging (SOMA)**

Masud, T., Nielsen, M. F. M., Ryg, J., Matzen, L., Ibsen, M., Abrahamsen, B. & Brixen, K., 2013, In: Age and Ageing. 42, 1, p. 121-124

**NOVEL PREDICTORS OF VITAMIN D INSUFFICIENCY IN EARLY PREGNANCY**

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**Polymorphisms of muscle genes are associated with bone mass and incident osteoporotic fractures in Caucasians**

Harsløf, T., Nielsen, M. F. M., Nielsen, T. L., Husted, C. L., Nyegaard, M., Brixen, K., Børglum, A., Mosekilde, L., Andersen, M., Rejnmark, L. & Langdahl, B. L., 2013, In: Calcified Tissue International. 92, 5, p. 467-476

**Prostatakræft og osteoporose**

Poulsen, M. H., Nielsen, M. F. M. & Walter, S., 2013, In: Ugeskrift for Læger. 175, 12, p. 821

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Hallundbæk Mikkelsen, K., Nielsen, M. F. M., Tvede, M., Hansen, T., Holst, J. J., Vilsbøll, T., Knop, F. K. & Pedersen, O. B., 2013, In: Ugeskrift for Læger. 46, p. 2785-2788

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### **Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture**

Estrada, K., Styrkarsdóttir, U., Evangelou, E., Hsu, Y.-H., Duncan, E. L., Ntzani, E. E., Oei, L., Albagha, O. M. E., Amin, N., Kemp, J. P., Koller, D. L., Li, G., Liu, C.-T., Minster, R. L., Moayyeri, A., Vandenput, L., Willner, D., Xiao, S.-M., Yerges-Armstrong, L. M. & Zheng, H.-F. & 161 others, Alonso, N., Eriksson, J., Kammerer, C. M., Kaptoge, S. K., Leo, P. J., Thorleifsson, G., Wilson, S. G., Wilson, J., Aalto, V., Alen, M., Aragaki, A. K., Aspelund, T., Center, J. R., Dailiana, Z., Duggan, D. J., Garcia, M., Garcia-Giralt, N., Giroux, S., Hallmans, G., Hocking, L. J., Husted, L. B., Jameson, K. A., Khusainova, R., Kim, G. S., Kooperberg, C., Koromila, T., Kruk, M., Laaksonen, M., Lacroix, A. Z., Lee, S. H., Leung, P. C., Lewis, J. R., Masi, L., Mencej-Bedrac, S., Nguyen, T. V., Nogues, X., Patel, M. S., Prezelj, J., Rose, L. M., Scollen, S., Siggeirsdóttir, K., Smith, A. V., Svensson, O., Trompet, S., Trummer, O., van Schoor, N. M., Woo, J., Zhu, K., Balcells, S., Brandi, M. L., Buckley, B. M., Cheng, S., Christiansen, C. B., Cooper, C., Dedoussis, G., Ford, I., Nielsen, M. F. M., Goltzman, D., González-Macías, J., Kähönen, M., Karlsson, M., Khusnutdinova, E., Koh, J.-M., Kollia, P., Langdahl, B. L., Leslie, W. D., Lips, P., Ljunggren, Ö., Lorenc, R. S., Marc, J., Mellström, D., Obermayer-Pietsch, B., Olmos, J. M., Pettersson-Kymmer, U., Reid, D. M., Riancho, J. A., Ridker, P. M., Rousseau, F., Slagboom, P. E., Tang, N. L. S., Urreiziti, R., Van Hul, W., Viikari, J., Zarrabeitia, M. T., Aulchenko, Y. S., Castano-Betancourt, M., Grundberg, E., Herrera, L., Ingvarsson, T., Johannsdóttir, H., Kwan, T., Li, R., Luben, R., Medina-Gómez, C., Palsson, S. T., Reppe, S., Rotter, J. I., Sigurdsson, G., van Meurs, J. B. J., Verlaan, D., Williams, F. M. K., Wood, A. R., Zhou, Y., Gautvik, K. M., Pastinen, T., Raychaudhuri, S., Cauley, J. A., Chasman, D. I., Clark, G. R., Cummings, S. R., Danoy, P., Dennison, E. M., Eastell, R., Eisman, J. A., Gudnason, V., Hofman, A., Jackson, R. D., Jones, G., Jukema, J. W., Khaw, K.-T., Lehtimäki, T., Liu, Y., Lorentzon, M., McCloskey, E., Mitchell, B. D., Nandakumar, K., Nicholson, G. C., Oostra, B. A., Peacock, M., Pols, H. A. P., Prince, R. L., Raitakari, O., Reid, I. R., Robbins, J., Sambrook, P. N., Sham, P. C., Shuldiner, A. R., Tylavsky, F. A., van Duijn, C. M., Wareham, N. J., Cupples, L. A., Econs, M. J., Evans, D. M., Harris, T. B., Kung, A. W. C., Psaty, B. M., Reeve, J., Spector, T. D., Streeten, E. A., Zillikens, M. C., Thorsteinsdóttir, U., Ohlsson, C., Karasik, D., Richards, J. B., Brown, M. A., Stefansson, K., Uitterlinden, A. G., Ralston, S. H., Ioannidis, J. P. A., Kiel, D. P. & Rivadeneira, F., 2012, In: *Nature Genetics*. 44, 5, p. 491-501

### **Pattern of use of DXA scans in men: a cross-sectional, population-based study**

Nielsen, M. F., Gudex, C., Rubin, K. H., Brixen, K. & Abrahamsen, B., 2012, In: *Osteoporosis International*. 23, 1, p. 183-191

### **Risk factors for fracture in elderly men: a population-based prospective study**

Nielsen, M. F., Abrahamsen, B., Masud, T. & Brixen, K., 2012, In: *Osteoporosis International*. 23, 2, p. 521-531

### **No evidence of a higher 10 year period prevalence of diabetes among 77,885 twins compared with 215,264 singletons from the Danish birth cohorts 1910-1989**

Petersen, I., Nielsen, M. F., Beck-Nielsen, H. & Christensen, K., Aug 2011, In: *Diabetologia*. 54, 8, p. 2016-24 9 p.

**Levels of serotonin, sclerostin, bone turnover markers as well as bone density and microarchitecture in patients with high bone mass phenotype due to a mutation in Lrp5**

Nielsen, M. F., Andersen, T. E., Gossiel, F., Hansen, S., Bollerslev, J., Van Hul, W., Eastell, R., Kassem, M. & Brixen, K., 2011, In: Journal of Bone and Mineral Research. 26, 8, p. 1721-1728 8 p.

**Osteoporosis in Men**

Nielsen, M. F. M., 2011, Syddansk Universitet. Det Sundhedsvidenskabelige Fakultet.

**Vitamin D status and PTH in young men: a cross-sectional study on associations with bone mineral density, body composition and glucose metabolism**

Nielsen, M. F., Abrahamsen, B., Nielsen, T. L., Hagen, C., Andersen, M. & Brixen, K., 1. Nov 2010, In: Clinical Endocrinology. 73, 5, p. 573-80 8 p.

**Polymorphisms in the endocannabinoid receptor 1 in relation to fat mass distribution**

Nielsen, M. F., Nielsen, T. L., Wraae, K., Hagen, C., Piters, E., Beckers, S., De Freitas, F., Brixen, K., Van Hul, W. & Andersen, M., 1. Sept 2010, In: European Journal of Endocrinology. 163, 3, p. 407-12 6 p.

**Adiponectin and peak bone mass in men: a cross-sectional, population-based study**

Nielsen, M. F., Abrahamsen, B., Nielsen, T. L., Frystyk, J., Flyvbjerg, A., Hagen, C., Andersen, M. & Brixen, K., 1. Jul 2010, In: Calcified Tissue International. 87, 1, p. 36-43 8 p.

**Patients with high-bone-mass phenotype owing to Lrp5-T253I mutation have low plasma levels of serotonin**

Frost, M., Andersen, T. E., Yadav, V., Brixen, K., Karsenty, G. & Kassem, M., 29. Jan 2010, In: Journal of Bone and Mineral Research. 25, 3, p. 673-675 2 p.

**Radiographic Absorptiometry as a Screening Tool in Male Osteoporosis: Results from the Odense Androgen Study**

Hansen, S. J., Nielsen, M. M., Ryg, J., Wraae, K., Andersen, M. & Brixen, K., 1. Jun 2009, In: Acta Radiologica. 50, 6, p. 658-63

**Lack of association between OPG and RANKL polymorphisms and BMD: Results from the Odense Androgen Study**

Nielsen, M. F., Brasen, C., Brixen, K., Wraae, K., Andersen, M., Nielsen, T. L. & Abrahamsen, B., 2009, In: Bone. 2, p. 347

**Fracture risk in Danish men with prostate cancer: a nationwide register study**

Abrahamsen, B., Nielsen, M. F., Eskildsen, P., Andersen, J. T., Walter, S. & Brixen, K., 1. Oct 2007, In: BJU International. 100, 4, p. 749-54 6 p.

**Primaer hyperparatyroidisme i graviditeten**

Nielsen, M. M. F., Jørgensen, J. S., Jacobsen, B. B., Hegedüs, N. R., Ryg, J. & Brixen, K. T., 12. Sept 2005, In: Ugeskrift for Læger. 167, 37, p. 3510-1 2 p.

## Activities

**Multiple Endocrine Neoplasia, type 4 – a novel CDKN1B mutation with high penetrance of primary hyperparathyroidism**

Frederiksen, A. L. (Guest lecturer), Rossing, M. (Guest lecturer), Hermann, A. P. (Guest lecturer), Ejersted, C. A. (Guest lecturer) & Frost, M. (Guest lecturer)

1. Oct 2018

**Bone Morphology in IKBKG (NEMO) Mutation Positive Women. A case-control study**

Frost, M. (Guest lecturer), Tencerova, M. (Guest lecturer), Ejersted, C. A. (Guest lecturer), Svaneby, D. (Guest lecturer), Andreassen, C. M. (Guest lecturer), Levin Andersen, T. (Guest lecturer), Kassem, M. (Guest lecturer), McAlister, W. H. (Guest lecturer), Novack, D. (Guest lecturer), Whyte, M. P. (Guest lecturer) & Frederiksen, A. L. (Guest lecturer)

9. Sept 2017

**Bone (Journal)**

Nielsen, M. F. M. (Peer reviewer)  
1. Feb 2017

**BONE, ENERGY METABOLISM AND DIABETES: INTEGRATED PHYSIOLOGY AND CLINICAL APPLICATIONS**

Nielsen, M. F. M. (Organizer), Højlund, K. (Organizer), Tencerova, M. (Organizer) & Kassem, M. (Organizer)  
3. Oct 2016 → 4. Oct 2016

**Bone (Journal)**

Nielsen, M. F. M. (Peer reviewer)  
22. Sept 2016

**ASBMR Annual Meeting**

Nielsen, M. F. M. (Participant)  
15. Sept 2016

**ASBMR Annual Meeting**

Nielsen, M. F. M. (Participant)  
15. Sept 2016

**Bone (Journal)**

Nielsen, M. F. M. (Peer reviewer)  
1. Aug 2016

**International Workshop on the Molecular Pharmacology and Therapeutics of Bone and other Musculoskeletal Diseases**

Nielsen, M. F. M. (Participant)  
2. Jul 2016

**Journal of Bone and Mineral Research (Journal)**

Nielsen, M. F. M. (Peer reviewer)  
1. Jul 2016

**43rd annual european calcified tissue society congress**

Nielsen, M. F. M. (Participant)  
14. May 2016 → 17. May 2016

**European Group for the Study of Insulin Resistance**

Nielsen, M. F. M. (Participant)  
12. May 2016 → 14. May 2016

**Third Scandinavian Skeletal Dysplasia Workshop**

Nielsen, M. F. M. (Participant)  
10. Mar 2016 → 11. Mar 2016

**European Journal of Endocrinology (Journal)**

Nielsen, M. F. M. (Peer reviewer)  
19. Dec 2015

**ASBMR annual meeting**

Nielsen, M. F. M. (Participant)  
6. Oct 2015 → 12. Oct 2015

**75th Scientific Sessions American Diabetes Association**

Nielsen, M. F. M. (Participant)  
5. Jun 2015 → 10. Jun 2015

**Mitochondrial DNA Point Mutation is Associated with Lower Bone Mineral Density and Altered Bone Structure in a Matched Case-Control Study**

Langdahl, J. H. (Guest lecturer), Frederiksen, A. L. (Guest lecturer), Hansen, S. (Guest lecturer), Andersen, P. H. (Guest lecturer), Yderstræde, K. B. (Guest lecturer), Dunø, M. (Guest lecturer), Vissing, J. (Guest lecturer) & Frost, M. (Guest lecturer)

26. Apr 2015

**Neonatal high none mass with heterozygous "de novo" missense mutation i RELA/(RelA/p65)**

Frederiksen, A. L. (Guest lecturer), Larsen, M. J. (Guest lecturer), Brusgaard, K. (Guest lecturer), Novack, D. (Guest lecturer), Knudsen, P. J. T. (Guest lecturer), Schrøder, H. D. (Guest lecturer), Eckhardt, C. (Guest lecturer), McAlister, W. H. (Guest lecturer), Kasse, M. (Guest lecturer), Frost, M. (Guest lecturer) & Whyte, M. P. (Guest lecturer)

26. Apr 2015

**International Journal of Endocrinology (Journal)**

Nielsen, M. F. M. (Peer reviewer)

18. Nov 2014

**Journal of Bone and Mineral Research (Journal)**

Nielsen, M. F. M. (Peer reviewer)

28. Oct 2014

**14th International Workshop on Multiple Endocrine Neoplasia**

Nielsen, M. F. M. (Participant)

25. Sept 2014 → 27. Sept 2014

**European Journal of Endocrinology (Journal)**

Nielsen, M. F. M. (Peer reviewer)

28. Jul 2014

**International Workshop on the Molecular Pharmacology and Therapeutics of Bone and other Musculoskeletal Diseases**

Nielsen, M. F. M. (Participant)

28. Jun 2014 → 2. Jul 2014

**Journal of Bone and Mineral Research (Journal)**

Nielsen, M. F. M. (Peer reviewer)

1. Mar 2014

**The Journal of Clinical Endocrinology & Metabolism (Journal)**

Nielsen, M. F. M. (Peer reviewer)

11. Dec 2013

**European Journal of Endocrinology (Journal)**

Nielsen, M. F. M. (Peer reviewer)

2. Dec 2013

**The Journal of Clinical Endocrinology & Metabolism (Journal)**

Nielsen, M. F. M. (Peer reviewer)

8. Nov 2013

**Age and Ageing (Journal)**

Nielsen, M. F. M. (Peer reviewer)

2. Nov 2013

**The Journal of Clinical Endocrinology & Metabolism (Journal)**

Nielsen, M. F. M. (Peer reviewer)  
24. Oct 2013

**European Calcified Tissue Society - 40th Annual Meeting**

Nielsen, M. F. M. (Participant)  
13. May 2013

**The Journal of Clinical Endocrinology & Metabolism (Journal)**

Nielsen, M. F. M. (Peer reviewer)  
12. Apr 2013

**The Journal of Clinical Endocrinology & Metabolism (Journal)**

Nielsen, M. F. M. (Peer reviewer)  
8. Nov 2012

**The Journal of Clinical Endocrinology & Metabolism (Journal)**

Nielsen, M. F. M. (Peer reviewer)  
23. Jul 2012

**Leri Weill Dyschondrosteosis. The bone microarchitecture in subjects with mutation in the SHOX gene**

Frederiksen, A. L. (Guest lecturer), Hansen, S. (Guest lecturer), Brixen, K. (Guest lecturer) & Frost, M. (Guest lecturer)  
25. Jun 2012

**European Calcified Tissue Society**

Nielsen, M. F. M. (Participant)  
19. May 2012

**Glucose Metabolism in Extreme Birth Weight Discordant MZ Twins**

Nielsen, M. F. M. (Lecturer)  
13. Oct 2011

**Update on Osteoporosis in Men**

Nielsen, M. F. M. (Lecturer)  
12. Oct 2011

**European Society Calcified Tissue**

Nielsen, M. F. M. (Participant)  
11. May 2011

**ASBMR - Annual meeting of American Society for Bone and Mineral Research**

Nielsen, M. F. M. (Participant)  
2011

**14th International Conference on Osteoporosis**

Nielsen, M. F. M. (Participant)  
1. Dec 2010

**ASBMR Annual Meeting**

Nielsen, M. F. M. (Participant)  
10. Sept 2010

**European Society Calcified Tissue**

Nielsen, M. F. M. (Participant)  
26. Jun 2010

**Dansk Endokrinologisk Selskab (External organisation)**

Nielsen, M. F. M. (Member)  
2010 → ...

**Dansk Knoglemedicinsk Selskab (External organisation)**

Nielsen, M. F. M. (Member)  
2010

**ASBMR, American Society for Bone and Mineral**

Nielsen, M. F. M. (Participant)  
13. Sept 2009

**ENDO**

Nielsen, M. F. M. (Participant)  
10. Jun 2009

**European Society Calcified Tissue**

Nielsen, M. F. M. (Participant)  
23. May 2009

**European Society Calcified Tissue**

Nielsen, M. F. M. (Participant)  
28. May 2008

**International Conference on Osteoporosis**

Nielsen, M. F. M. (Participant)  
25. Nov 2007

**ASBMR**

Nielsen, M. F. M. (Participant)  
5. Sept 2007

**European Calcified Tissue Society (ECTS) : 1. European Working Group on Patient Education**

Nielsen, M. F. M. (Participant)  
4. May 2007

**Contemporary Diagnosis and Treatment of Vitamin D-Related Disorders**

Nielsen, M. F. M. (Participant)  
4. Dec 2005

**European Society Calcified Tissue**

Nielsen, M. F. M. (Participant)  
25. Jun 2005

**10th International Conference on Osteoporosis**

Nielsen, M. F. M. (Participant)  
28. Nov 2004

**Press/Media**

**DIABETES**

Nielsen, M. F. M.  
28/11/2015

1 item of Media coverage

**En mio. kr. til diabetesforskning**

Nielsen, M. F. M.

04/12/2015

1 item of Media coverage

**Forskere vil knække knoglemysterium**

Nielsen, M. F. M.

18/02/2016

1 item of Media coverage

**Legat til ung diabetesforsker**

Nielsen, M. F. M.

25/11/2015

1 item of Media coverage

**Navnlig navne**

Nielsen, M. F. M.

26/11/2015

1 item of Media coverage