

Employment

Industrial postdoc

Experimental Animal Models

Frederiksberg C, Denmark

1 Oct 2018 → 30 Sep 2021

Scientific/Clinical Project Associate,

Klox Technologies

Ballerup, Denmark

1 Dec 2019 → 30 Aug 2020

PhD Student

Section of Experimental Animal Models, Department of Veterinary Disease Biology, Faculty of Health & Medical Sciences, University of Copenhagen, Copenhagen, Denmark.

Denmark

1 Dec 2014 → 30 Jun 2018

Research Assistant

Section of Experimental Animal Models, Department of Veterinary Disease Biology, Faculty of Health & Medical Sciences, University of Copenhagen, Copenhagen, Denmark.

Denmark

1 Nov 2013 → 30 Nov 2014

Industrial Postdoc

Klox Technologies

Dublin, Ireland

Research outputs

A porcine model of subcutaneous *Staphylococcus aureus* infection: a pilot study

Nielsen, Ole Lerberg, Møllgaard, Maiken, Frees, Dorte, Larsen, M. N., Skov, Søren, Olsen, Lisbeth Høier & Reimann, Maria Josefine, 2021, (E-pub ahead of print) In: *APMIS - Journal of Pathology, Microbiology and Immunology*.

Evaluation of Fluorescent Light Energy for the Treatment of Acute Second-degree Burns

Møllgaard, Maiken, Fauverghe, S., Scarpa, C., Pozner, V. L., Skov, Søren, Hebert, L., Nielsen, M., Bassetto, F. & Téot, L., 2021, In: *Military Medicine*. 186, Suppl 1, p. 416-423 8 p.

Fluorescent light energy combined with systemic isotretinoin: A 52-week follow-up evaluating efficacy and safety in treatment of moderate-severe acne

Russo, A., Møllgaard, Maiken, Pellacani, G., Nisticò, S. & Nielsen, M. C. E., 2021, In: *Clinical Case Reports*. 9, 4, p. 2057-2068 12 p.

Fluorescent light energy modulates healing in skin grafted mouse model

Ding, J., Møllgaard, Maiken, Zhu, Z., Kwan, P., Edge, D., Ma, Z., Hebert, L., Alrobaiea, S., Iwasaki, T., Nielsen, M. C. E. & Tredget, E. E., 2021, In: *Open Medicine*. 16, 1, p. 1240-1255 16 p.

***Staphylococcus aureus* induces cell-surface expression of immune stimulatory NKG2D ligands on human monocytes**

Møllgaard, Maiken, Høgh, R. I., Lund, A., Aldana Garcia, Blanca Irene, Guérillot, R., Møller, S. H., Hayes, A. S., Panagiotopoulou, N., Frimand, Z., Jepsen, Stine Dam, Hansen, Camilla Hartmann Friis, Andresen, Lars, Larsen, A. R., Peleg, A. Y., Stinear, T. P., Howden, B. P., Waagepetersen, Helle S., Frees, Dorte & Skov, Søren, 2020, In: *The Journal of Biological Chemistry*. 295, p. 11803-11821

Cytoplasmic Citrate Flux Modulates the Immune Stimulatory NKG2D Ligand MICA in Cancer Cells

Møller, S. H., Mellergaard, Maiken, Madsen, M., Vergara Bermejo, Amaia, Jepsen, Stine Dam, Hansen, M. H., Høgh, R. I., Aldana Garcia, Blanca Irene, Madsen, Claus Desler, Rasmussen, Lene Juel, Sustarsic, E. G., Gerhart-Hines, Zach, Daskalaki, E., Wheelock, C. E., Hiron, T. K., Lin, D., O'Callaghan, C. A., Wandall, Hans H., Andresen, Lars & Skov, Søren, 2020, In: *Frontiers in Immunology*. 11, 22 p., 1968.

Fluorescent light energy in wound healing: When is a photon something more?

Zago, M., Dehghani, M., Jaworska, J., Mellergaard, Maiken, Edge, D., Corell, D. D., Campbell, S. E., Skov, Søren, Hebert, L., Nielsen, M. & Hamblin, M., 2020, *Mechanisms of Photobiomodulation Therapy XV*. Hamblin, M. R., Carroll, J. D. & Arany, P. (eds.). SPIE - International Society for Optical Engineering, 9 p. 112210A. (Progress in Biomedical Optics and Imaging - Proceedings of SPIE, Vol. 11221).

Fumarate Upregulates Surface Expression of ULBP2/ULBP5 by Scavenging Glutathione Antioxidant Capacity

Høgh, R. I., Droujinine, A., Møller, S. H., Jepsen, Stine Dam, Mellergaard, Maiken, Andresen, Lars & Skov, Søren, 2020, In: *The Journal of Immunology*. 204, 7, p. 1746-1759 14 p.

Metabolism of short-chain fatty acid propionate induces surface expression of NKG2D ligands on cancer cells

Høgh, R. I., Møller, S. H., Jepsen, Stine Dam, Mellergaard, Maiken, Lund, A., Pejtersen, M., Fitzner, E., Andresen, Lars & Skov, Søren, 2020, In: *FASEB Journal*. 34, 11, p. 15531-15546

Fluorescent light energy: The future for treating inflammatory skin conditions?

Edge, D., Mellergaard, Maiken, Dam-Hansen, C., Corell, D. D., Jaworska, J., Scapagnini, G. & Engelbrecht Nielsen, M. C., 2019, In: *The Journal of Clinical and Aesthetic Dermatology*. 12, 5, p. E61-E68

A porcine subcutaneous *Staphylococcus aureus* abscess model - a pilot study

Nielsen, Ole Lerberg, Larsen, M. N., Frees, Dorte, Mellergaard, Maiken, Skov, Søren & Olsen, Lisbeth Høier, 2017.

Stepwise decrease in daptomycin susceptibility in clinical *Staphylococcus aureus* isolates associated with an initial mutation in *rpoB* and a compensatory inactivation of the *clpX* gene

Bæk, K. T., Thøgersen, L., Mogensen, R. G., Mellergaard, Maiken, Thomsen, Line Elnif, Petersen, A., Skov, Søren, Cameron, D. R., Peleg, A. Y. & Frees, Dorte, Nov 2015, In: *Antimicrobial Agents and Chemotherapy*. 59, 11, p. 6983-6991 9 p.

N-glycosylation of asparagine 8 regulates surface expression of major histocompatibility complex class I chain-related protein A (MICA) alleles dependent on threonine 24

Mellergaard, Maiken, Skovbakke, S. L., Schneider, C. L., Lauridsen, F. K. B., Andresen, Lars, Jensen, H. & Skov, Søren, 2014, In: *Journal of Biological Chemistry*. 289, 29, p. 20078-20091 14 p.

Activities

T-cell immune modulation by Clinical *Staphylococcus aureus*

Mellergaard, Maiken (Other)

25 Aug 2018