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Publikationer

Role of Steatosis in Preventing Post-hepatectomy Liver Failure After Major Resection: Findings From an Animal Study

Lund, A., Thomsen, M. T., Kirkegård, J., Knudsen, A. R., Andersen, K. J., Meier, M., Nyengaard, J. R. & Mortensen, F. V., 1 mar. 2025, I: *Journal of Clinical and Experimental Hepatology*. 15, 2, 102453.

Exploring the dynamics of postoperative steatosis in the regenerating liver: An animal study

Lund, A., Andersen, K. H., Andersen, K. J., Kirkegård, J., Nyengaard, J. R. & Mortensen, F. V., mar. 2025, I: *Surgery Open Science*. 24, s. 66-69 4 s.

Biochemical and morphological responses to post-hepatectomy liver failure in rats

Lund, A., Andersen, K. J., Meier, M., Pedersen, M. I., Knudsen, A. R., Kirkegård, J., Mortensen, F. V. & Nyengaard, J. R., aug. 2023, I: *Scientific Reports*. 13, 1, 13544.

Validation of a surgical model for posthepatectomy liver failure in rats

Lund, A., Meier, M., Andersen, K. J., Pedersen, M. I., Knudsen, A. R., Kirkegård, J. & Mortensen, F. V., jun. 2023, I: *Animal Models and Experimental Medicine*. 6, 3, s. 266-273 8 s.

Perturbations of urea cycle enzymes during post-hepatectomy rat liver failure

Meier, M., Knudsen, A. R., Andersen, K. J., Ludvigsen, M., Lykke Eriksen, P., Pedersen, A. K. N., Honoré, B. & Mortensen, F. V., 1 okt. 2019, I: *American Journal of Physiology: Gastrointestinal and Liver Physiology*. 317, 4, s. G429-G440

Upregulation of ureagenesis may be pivotal for survival of post-hepatectomy liver failure in rats

Meier, M., Knudsen, A. R., Andersen, K. J., Ludvigsen, M., Eriksen, P. L., Honoré, B. & Mortensen, F. V., jun. 2019.

Morphological Dynamics of the Regenerative Hepatocyte

Meier, M., Knudsen, A. R., Andersen, K. J., Nyengaard, J. R., Hamilton-Dutoit, S. J. & Mortensen, F. V., 2019.

Proteomic Characterization of Biological Features in the Small for Size Future Rat Liver Remnant

Meier, M., Knudsen, A. R., Andersen, K. J., Ludvigsen, M., Honoré, B. & Mortensen, F. V., sep. 2018.

Proteomic Characterization of Biological Features in the Small for Size Future Rat Liver Remnant

Meier, M., Knudsen, A. R., Andersen, K. J., Ludvigsen, M., Honoré, B. & Mortensen, F. V., sep. 2018.

Adaptive growth changes in the liver remnant are affected by the size of hepatectomy in rats

Meier, M., Andersen, K. J., Knudsen, A. R., Nyengaard, J. R., Hamilton-Dutoit, S. & Mortensen, F. V., 1 aug. 2018, I: *International Journal of Experimental Pathology*. 99, 4, s. 150-157 8 s.

Preserved liver regeneration capacity after partial hepatectomy in rats with non-alcoholic steatohepatitis

Haldrup, D., Heebøll, S., Thomsen, K. L., Andersen, K. J., Meier, M., Mortensen, F. V., Nyengaard, J. R., Hamilton-Dutoit, S. & Grønbaek, H., 27 jan. 2018, I: *World Journal of Hepatology*. 10, 1, s. 8-21 14 s.

A new technique for accelerated liver regeneration: An experimental study in rats

Andersen, K. J., Knudsen, A. R., Jepsen, B. N., Meier, M., Gunnarsson, A. P. A., Jensen, U. B., Nyengaard, J. R., Hamilton-Dutoit, S. & Mortensen, F. V., 2017, I: *Surgery*. 162, 2, s. 233-247 15 s.

A new technique for accelerated liver regeneration. An Experimental Study in Rats

Andersen, K. J., Knudsen, A. R., Jepsen, B. N., Meier, M., Gunnarsson, A. P. A., Jensen, U. B., Nyengaard, J. R., Hamilton-Dutoit, S. J. & Mortensen, F. V., 2017.

Gene expression in the liver remnant is significantly affected by the size of partial hepatectomy: An experimental rat study

Meier, M., Knudsen, A. R., Andersen, K. J., Bjerregaard, N. C., Jensen, U. B. & Mortensen, F. V., 2017, I: Gene Expression. 17, 4, s. 289-299 11 s.

Liver regeneration is dependent on the extent of hepatectomy

Meier, M., Andersen, K. J., Knudsen, A. R., Nyengaard, J. R., Hamilton-Dutoit, S. & Mortensen, F. V., sep. 2016, I: The Journal of surgical research. 205, 1, s. 76-84 9 s.

Hepatobiliary Secretion Kinetics of Conjugated Bile Acids Measured in Pigs by 11C-Choly sarcosine PET

Sørensen, M., Munk, O. L., Oerthoft, N., Frisch, K., Andersen, K. J., Mortensen, F. V., Alstrup, A. K. O., Ott, P., Hofmann, A. F. & Keiding, S., 1 jun. 2016, I: The Journal of Nuclear Medicine. 57, 6, s. 961-966 6 s.

Correlation between liver cell necrosis and circulating alanine aminotransferase after ischaemia/reperfusion injuries in the rat liver

Knudsen, A. R., Andersen, K. J., Hamilton-Dutoit, S., Nyengaard, J. R. & Mortensen, F. V., 1 apr. 2016, I: International Journal of Experimental Pathology. 97, 2, s. 133-138 6 s.

Extended hepatectomy induces pronounced changes in protein expression levels.

Meier, M., Andersen, K. J., Knudsen, A. R., Ludvigsen, M., Honoré, B. & Mortensen, F. V., 2016.

Chronic stress does not impair liver regeneration in rats

Andersen, K. J., Knudsen, A. R., Wiborg, O. & Mortensen, F. V., 4 dec. 2015, I: Regenerative Medicine. 3, s. 2

Anti-CD163-dexamethasone protects against apoptosis after ischemia/reperfusion injuries in the rat liver

Møller, L. N. O., Knudsen, A. R., Andersen, K. J., Nyengaard, J. R., Hamilton-Dutoit, S., Okholm Møller, E. M., Svendsen, P., Møller, H. J., Moestrup, S. K., Graversen, J. H. & Mortensen, F. V., 1 dec. 2015, I: Annals of Medicine and Surgery. 4, 4, s. 331-337 7 s., 130.

Anti-inflammatory liposomes have no impact on liver regeneration in rats

Jepsen, B. N., Andersen, K. J., Knudsen, A. R., Nyengaard, J. R., Hamilton-Dutoit, S., Svendsen, P., Etzerodt, A., Møller, H. J., Moestrup, S. K., Graversen, J. H. & Mortensen, F. V., 1 dec. 2015, I: Annals of Medicine and Surgery. 4, 4, s. 452-461 10 s.

Acceptable results using small radio frequency ablation needle for liver parenchyma transection

Mortensen, M. R., Andersen, K. J. & Kissmeyer-Nielsen, P., maj 2014, I: Danish Medical Journal. 61, 5, 4 s., A4822.

Postoperative but not preoperative treatment with sorafenib inhibits liver regeneration in rats

Andersen, K. J., Knudsen, A. R., Kannerup, A.-S., Nyengaard, J. R., Hamilton-Dutoit, S., Ladekarl, M. & Mortensen, F. V., 15 apr. 2014, I: The Journal of surgical research.

Postoperative but not preoperative treatment with Sorafenib inhibits liver regeneration in rats

Andersen, K. J., Knudsen, A. R., Kannerup, A.-S., Nyengaard, J. R., Hamilton-Dutoit, S. J., Ladekarl, M. & Mortensen, F. V., 15 apr. 2014.

Postoperative but not preoperative treatment with Sorafenib inhibits liver regeneration in rats

Andersen, K. J., Knudsen, A. R., Kannerup, A.-S., Nyengaard, J. R., Hamilton-Dutoit, S. J., Ladekarl, M. & Mortensen, F. V., 2014.

Chemoembolization of intermediate stage hepatocellular carcinomas: Results from a Nordic tertiary liver cancer center
Andersen, K. J., Grønbæk, H., Villadsen, G. E., Knudsen, A. R., Ott, P., Vilstrup, H., Nielsen, D. T. & Bharadwaz, A., 4 dec. 2013, I: Indian Journal of Gastroenterology.

The Effect of Multikinase Inhibition on Liver Regeneration in Rats. An Experimental Study in Rats

Andersen, K. J., 30 nov. 2013

The natural history of liver regeneration in rats: Description of an animal model for liver regeneration studies

Andersen, K. J., Knudsen, A. R., Kannerup, A.-S., Sasanuma, H., Nyengaard, J. R., Hamilton-Dutoit, S. J., Erlandsen, E. J., Jørgensen, B. & Mortensen, F. V., 27 jul. 2013, I: International Journal of Surgery.

Sorafenib inhibits liver regeneration in rats

Andersen, K. J., Knudsen, A. R., Kannerup, A.-S., Sasanuma, H., Nyengaard, J. R., Hamilton-Dutoit, S., Ladekarl, M. & Mortensen, F. V., 2013, I: H P B. 15, 12, s. 944-950 7 s.

Sorafenib inhibits liver regeneration in rats

Andersen, K. J., Knudsen, A. R., Kannerup, A.-S., Sasanuma, H., Nyengaard, J. R., Hamilton-Dutoit, S. J., Ladekarl, M. & Mortensen, F. V., 2013.

The Natural history of Liver Regeneration in Rats – Development of an animal model for liver regeneration studies.

Andersen, K. J., Knudsen, A. R., Kannerup, A.-S., Sasanuma, H., Nyengaard, J. R., Hamilton-Dutoit, S. J., Erlandsen, E. J. & Mortensen, F. V., 2013.

Clinical and economic consequences of work-up without laparoscopy in patients with CRC liver metastases

Andersen, K. J., Kannerup, A.-S., Knudsen, A. R., Nielsen, D. T., Jensen, L. S. & Mortensen, F. V., 1 jan. 2011, I: Experimental & Clinical Hepatology. 7, 1-2, s. 34-38 5 s.

Clinical and economic consequences of work-up without laparoscopy in patients with CRC liver metastases

Andersen, K. J., Kannerup, A.-S., Knudsen, A. R., Nielsen, D. T., Jensen, L. S. & Mortensen, F. V., 2011.

Clinical and economic consequences of work-up without laparoscopy in patients with CRC liver metastases.

Andersen, K. J., Kannerup, A.-S., Knudsen, A. R., Nielsen, D. T., Jensen, L. S. & Mortensen, F. V., 2011.

Effects of ischemic pre- and postconditioning on HIF-1 α , VEGF and TGF- β expression after warm ischemia and reperfusion in the rat liver

Knudsen, A. R., Kannerup, A.-S., Grønbæk, H., Andersen, K. J., Funch-Jensen, P., Frystyk, J., Flyvbjerg, A. & Mortensen, F. V., 2011, I: Comparative Hepatology. 10, 1, s. 3

The Natural history of Liver Regeneration in Rats – Development of an animal model for liver regeneration studies.

Andersen, K. J., Knudsen, A. R., Kannerup, A.-S., Sasanuma, H., Nyengaard, J. R., Hamilton-Dutoit, S. J., Erlandsen, E. J. & Mortensen, F. V., 2011.

Aktiviteter

10th Congress of the European-African HPBA 2013

Andersen, K. J. (Deltager)
29 maj 2013 → 31 maj 2013

10th World Congress of the IHPBA

Andersen, K. J. (Taler)
4 maj 2012

11th Congress of the European-African HPBA 2015

Andersen, K. J. (Deltager)

21 apr. 2015 → 25 apr. 2015

11th World Congress IHPBA

Andersen, K. J. (Deltager)

21 mar. 2014 → 27 mar. 2014

12th Biennial E-AHPBA Congress 2017

Kirkegård, J. (Taler), Mortensen, F. V. (Chair person), Andersen, K. J. (Taler) & Knudsen, A. R. (Taler)

23 maj 2017 → 26 maj 2017

12th World Congress IHPBA

Andersen, K. J. (Deltager)

20 apr. 2016 → 23 apr. 2016

13th Congress of the European – African Hepato-Pancreato-Biliary Association

Knudsen, A. R. (Taler), Mortensen, F. V. (Taler), Andersen, K. J. (Deltager), Kirkegård, J. (Deltager) & Meier, M. (Deltager)

5 jun. 2019

13th IHPBA World Congress

Meier, M. (Deltager), Mortensen, F. V. (Deltager), Andersen, K. J. (Deltager) & Knudsen, A. R. (Deltager)

4 sep. 2018 → 7 sep. 2018

15th IHPBA World Congress

Kirkegård, J. (Deltager), Mortensen, F. V. (Deltager), Andersen, K. J. (Deltager) & Lund, J. A. (Deltager)

30 mar. 2022 → 2 apr. 2022

1st North Sea HPB Meeting

Kirkegård, J. (Taler), Mortensen, F. V. (Deltager) & Andersen, K. J. (Deltager)

14 jun. 2017 → 17 jun. 2017

1st Scandinavian HPB Meeting

Andersen, K. J. (Deltager)

25 sep. 2014 → 26 sep. 2014

31st International Gastrointestinal Surgery Workshop

Andersen, K. J. (Deltager)

22 feb. 2014 → 28 feb. 2014

3rd Scandinavian HPB Meeting

Kirkegård, J. (Taler), Mortensen, F. V. (Deltager), Knudsen, A. R. (Taler) & Andersen, K. J. (Taler)

17 nov. 2016

9th Congress of the European-African HPBA 2011

Andersen, K. J. (Taler)

12 apr. 2011 → 16 apr. 2011

9th World Congress of the IHPBA

Andersen, K. J. (Taler)

12 apr. 2010 → 16 apr. 2010

Aintree University Hospitals NHS Foundation Trust

Andersen, K. J. (Gæsteforsker)

3 apr. 2013 → 5 apr. 2013

A new technique for accelerated liver regeneration. An Experimental Study in Rats

Andersen, K. J. (Foredragsholder)
2017

CVU course: Communication

Andersen, K. J. (Deltager)
6 maj 2009 → 27 maj 2009

CVU course: Learning

Andersen, K. J. (Deltager)
11 mar. 2009

Dansk Kirurgisk Selskabs Årsmøde

Mortensen, F. V. (Chair person), Andersen, K. J. (Deltager), Knudsen, A. R. (Taler) & Kirkegård, J. (Deltager)
7 nov. 2018 → 9 nov. 2018

Dansk kirurgisk selskabs årsmøde 2014

Andersen, K. J. (Deltager)
12 nov. 2014 → 15 nov. 2014

Eksamination af 8. semester medicin studerende: Abdomen

Andersen, K. J. (Deltager)
30 apr. 2010

International Liver Symposium

Andersen, K. J. (Taler)
13 sep. 2013

ØGC 2017

Andersen, K. J. (Deltager) & Mortensen, F. V. (Taler)
2017

ØGC seminar

Andersen, K. J. (Taler)
31 okt. 2013

PhD course: Advanced course in Laboratory Animal Science - Experimental surgical techniques in rodents

Andersen, K. J. (Deltager)
24 jan. 2011 → 28 jan. 2011

PhD course: Advanced PowerPoint

Andersen, K. J. (Deltager)
6 mar. 2013 → 13 mar. 2013

PhD course: Basic Biostatistics

Andersen, K. J. (Deltager)
23 feb. 2011 → 13 apr. 2011

PhD course: Basic Course in Health Sciences

Andersen, K. J. (Deltager)
6 dec. 2010 → 8 dec. 2010

PhD course: Laboratory Animal Science

Andersen, K. J. (Deltager)
18 jan. 2010 → 22 jan. 2010

PhD course: Literature search in medical databases

Andersen, K. J. (Deltager)
11 apr. 2013

PhD course: Quantitative medical graphics

Andersen, K. J. (Deltager)
29 sep. 2010 → 6 okt. 2010

PhD course: Scientific English Presentation

Andersen, K. J. (Deltager)
8 apr. 2013 → 29 apr. 2013

PhD course: Stereology

Andersen, K. J. (Deltager)
14 sep. 2010 → 16 sep. 2010

PhD Day 2011, Aarhus University, Faculty of Health Sciences

Andersen, K. J. (Taler)
14 jan. 2011

PhD day 2012, Aarhus University, Faculty of Health Sciences

Andersen, K. J. (Taler)
13 jan. 2012

Rotten som en model til at studere leverregeneration

Andersen, K. J. (Foredragsholder)
14 nov. 2014

Scandinavian Network Group for HCC

Andersen, K. J. (Deltager)
13 mar. 2014

Scandinavian Network Group for HCC

Andersen, K. J. (Foredragsholder)
6 okt. 2011

Sorafenib and Liver Regeneration in Rats

Andersen, K. J. (Foredragsholder)
31 okt. 2013

Sorafenib and Liver Regeneration in Rats

Andersen, K. J. (Foredragsholder)
13 mar. 2014

Sorafenib inhibits liver regeneration in rats

Andersen, K. J. (Foredragsholder)
5 maj 2012

The Rat as Model for Studies of Liver Regeneration

Andersen, K. J. (Foredragsholder)
2015

Uddannelses- og forskningsfremmende besøg, Jichi Medical University Hospital, Toschigi-ken, Japan

Andersen, K. J. (Deltager)
24 mar. 2015 → 29 mar. 2015

Undervisning af 12. semester medicinstuderende: Eksaminatoriske klিনnikker.

Andersen, K. J. (Deltager)
1 jan. 2012 → 31 dec. 2013

Undervisning af 8. semester medicinstuderende. kirurgi på grise.

Andersen, K. J. (Deltager)
17 sep. 2012

Undervisning ved ph.d. kursus: Advanced Laboratory Animal Science

Andersen, K. J. (Deltager)
24 jan. 2011 → 28 jan. 2011

Undervisning ved PhD kursus: Basic Laboratory Animal Science

Andersen, K. J. (Deltager)
30 aug. 2010 → 3 sep. 2010

Undervisning ved PhD kursus: Basic Laboratory Animal Science

Andersen, K. J. (Deltager)
17 jan. 2011 → 21 jan. 2011

Projekter

Vejleder for ph.d. studerende: Forskellige aspekter ved leverskader og leverregeneration

Andersen, K. J. (Deltager) & Meier, M. (Deltager)
01/11/2013 → 01/10/2016

Vejleder for forskningsårsstuderende: Effekt af Kupffercelle-targeteret antiinflammatorisk behandling på leverregeneration i rotter.

Andersen, K. J. (Deltager) & Jepsen, B. (Deltager)
Danmarks Frie Forskningsfond
01/09/2013 → 01/09/2014

Vejleder for forskningsårsstuderende: Effekt af Kupffercelle-targeteret antiinflammatorisk behandling af iskæmi/reperfusionsskader i rottelever.

Andersen, K. J. (Deltager) & Møller, L. N. O. (Deltager)
01/02/2013 → 01/02/2013

The Morphological and Molecular Biological Response to Partial Hepatectomy and Regeneration in Rats

Meier, M. (Projektleder), Knudsen, A. R. (PI), Andersen, K. J. (PI), Ludvigsen, M. (Samarbejdspartner), Eriksen, P. L. (Samarbejdspartner), Hamilton-Dutoit, S. J. (Samarbejdspartner), Jensen, U. B. (Samarbejdspartner), Nyengaard, J. R. (Samarbejdspartner) & Mortensen, F. V. (Projektleder)
01/04/2014 → ...