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Place of Birth: Aalesund, Norway
Date of Birth: March 1, 1967
Languages: Norwegian and English

Education

2004-2006	Department of Anesthesiology and Intensive Care, University Hospital Northern Norway, Norway Spec.registrar and post-doctoral research fellow, Norwegian Medical Research Council
2003-2004	The UCL Institute of Hepatology, University College London, UK. Post-Doctoral research fellow, Norwegian Medical Research Council
2002-2003	Department of Surgery and Anaesthesiology, University Hospital Northern Norway, Norway. Registrar
1998 - 2002	University of Tromsø, Norway Ph.D.
1995	University of Tromsø, Norway MD

Research experience

2002-2006

International Collaborative Research Study
Project: Investigation into pathophysiological basis of alteration in end-organ function in pigs with acute liver failure using Molecular Adsorbents Recirculating System (MARS).
Supervisors: Dr. NEP Deutz (Maastricht), Dr. Rajiv Jalan (London), and Professor Arthur Revhaug (Tromsø).

1998-2002

Surgical research laboratory, University of Tromsø, Norway *Ph.D project:* Acute liver failure. Pathophysiology and Therapy.
Supervisor: Professor Arthur Revhaug

Publications

1. Nielsen J, Ytrebo LM, Borud O. Lactate and pyruvate concentrations in capillary blood from newborns. *Acta Paediatr* 1994;83:920-2.
2. Balteskard L, Unneberg K, Halvorsen D, Ytrebo LM, Waage A, Sjursen H, Revhaug A. The influence of growth hormone on tumour necrosis factor and neutrophil leukocyte function in sepsis. *Scand J Infect Dis* 1997;29:393-9.
3. Korvald C, Elvenes OP, Ytrebo LM, Sorlie DG, Myrmel T. Oxygen-wasting effect of inotropy in the "virtual work model". *Am J Physiol* 1999;276:H1339-45.
4. Ytrebo LM, Ingebrigtsen T, Nedredal GI, Elvenes OP, Korvald C, Romner B, Revhaug A. Protein S-100beta: a biochemical marker for increased intracranial pressure in pigs with acute hepatic failure. *Scand J Gastroenterol* 2000;35:546-51.
5. Elvenes OP, Korvald C, Ytrebo LM, Irtun O, Myrmel T, Larsen TS, Sorlie D. Myocardial metabolism and efficiency after warm continuous blood cardioplegia. *Ann Thorac Surg* 2000;69:1799-805.
6. Ytrebo LM, Korvald C, Nedredal GI, Elvenes OP, Nielsen Grymyr OJ, Revhaug A. N-acetylcysteine increases cerebral perfusion pressure in pigs with fulminant hepatic failure. *Crit Care Med* 2001;29:1989-95.
7. Ytrebo LM, Nedredal GI, Korvald C, Holm Nielsen OJ, Ingebrigtsen T, Romner B, Aarbakke J, Revhaug A. Renal elimination of protein S-100beta in pigs with acute encephalopathy. *Scand J Clin Lab Invest* 2001;61:217-25.
8. Ytrebo LM, Nedredal GI, Langbakk B, Revhaug A. An experimental large animal model for the assessment of bioartificial liver support systems in fulminant hepatic failure. *Scand J Gastroenterol* 2002;37:1077-88.
9. Nedredal GI, Elvevold KH, Ytrebo LM, Olsen R, Revhaug A, Smedsrod B. Liver sinusoidal endothelial cells represents an important blood clearance system in pigs. *Comp Hepatol* 2003;2:1.

10. Sen S, Ytrebo LM, Rose C, Fuskevaag OM, Davies NA, Nedredal GI, Williams R, Revhaug A, Jalan R. Albumin dialysis: a new therapeutic strategy for intoxication from protein-bound drugs. *Intensive Care Med* 2004;30:496-501.
11. Ytrebø LM, Ekse S, Sen S, Rose C, Nedredal GI, Jalan R, Revhaug A. Contractile response of femoral arteries in pigs with acute liver failure. *Scand J Gastroenterol.* 2004;39:1000-4.
12. A lowered incidence of severe encephalopathy and cardiovascular dysfunction. Ytrebø LM. *Critical Care Medicine* 2005;33:1181.
13. Sen, S., Rose, C., Ytrebo, L.M., Davies, N.A., Nedredal, G.I., Drevland, S.S., Kjonno, M., Prinzen, F.W., Hodges, S.J., Deutz, N.E.P., Williams, R., Butterworth, R.F., Revhaug, A. and Jalan, R.: "Albumin dialysis prevents intracranial pressure increase in pigs with acute liver failure: A randomised large animal study". *Critical Care Medicine* 2006;34:158-164.
14. Ytrebo, L.M., Sen, S., Rose, C., Davies, N.A., Nedredal, G.I., Fuskevåg, O.M., Ten Have, G.A.M., Prinzen, F.W., Williams, R., Deutz, N.E.P., Jalan, R. and Revhaug, A.: "Systemic and regional haemodynamics in pigs with acute liver failure and the effect of albumin dialysis". *Scandinavian Journal of Gastroenterology*, (in press), 2006.
15. Ytrebo, L.M., Sen, S., Rose, C., Ten Have, G.A.M., Davies, N.A., Hodges, S., Nedredal, G.I., Cobos, M.J., Romero Gomez, M., Revhaug, A., Jalan, R. and Deutz, N.E.P.: "Interorgan ammonia, glutamate and glutamine metabolism in pigs with acute liver failure". *Am. J. Physiology*, (in press), 2006.

Submitted papers

1. S Ekse, LH Clapp, A Revhaug, LM Ytrebø. Endothelium-derived hyperpolarisation factor (EDHF) is up regulated in a pig model of acute liver failure.
2. Mark E, Thoner J, Ytrebø LM. Indikasjon og bruk av suksametonium i en norsk anestesiavdeling. *Tidsskrift for den Norske Lægeforening*

Papers in preparation

1. Rose, C., Sen, S., Ytrebo, L.M., Davies, N.A., Nedredal, G.I., Williams, R., Butterworth, R.F., Revhaug, A. and Jalan, R.: "Improvement in cerebral energy metabolism with albumin dialysis in a large animal model of acute liver failure: a microdialysis study".
2. Ytrebø LM. Forstyrrelser i nitrogenmetabolismen ved akutt og kronisk leversvikt. *Tidsskrift for den Norske Lægeforening*.
3. Jakobsen Ø, Ekse S, Ytrebø LM et al. The effects of different cardioplegia solutions on vascular function *in vivo* and *in vitro*.
4. Mookerjee R, Ytrebø LM et al. Deranged dimethylarginine metabolism is associated with progressive organ injury in a devascularised pig model of acute liver failure.

Abstracts

A number of peer reviewed abstracts during the years 1999-2006.
List available upon request.

Awards

1999	Best oral presentation. Norwegian Gastroenterologic Society. Annual meeting, Lillehammer.
2003	Best oral presentation. Norwegian Gastroenterologic Society. Annual meeting, Lillehammer.
2003	Two poster awards 5 th International meeting on albumin dialysis. Rostock, September.
2003	Award best abstract Norwegian association for Anesthesiologists, Annual meeting Oslo, October.
2003	Two abstracts given a top 10% commendation from the American association for the study of liver diseases (AASLD) Boston, MA.
2005	Award best abstract Norwegian Association for Anesthesiologists, Annual meeting Tromsø, October.

Peer Reviewer

- Critical Care Medicine
- Intensive Care Medicine
- Gut