

# BIOGRAPHY

05-07-2012



---

**Title and name**

Dr. Birgit Nørrung

---

---

**Nationality**

Danish

---

---

**Panel**

Scientific Committee.

---

---

**Education**

Doctor of Veterinary Medicine (D.V.M.), 1985 from The Royal Veterinary and Agricultural University, Copenhagen, Denmark. Doctor of philosophy (Ph.D.) within Food Microbiology and Hygiene, 1993. Diplomate of the European College of Veterinary Public Health, 2005

---

---

**Scientific and risk assessment experience**

Experience in applied research related to risk assessment and control of zoonotic microorganisms and foodborne viruses. More specific the research has covered virulence and ecology of pathogenic microorganisms especially *Listeria monocytogenes*, ability of pathogens to survive and grow in foods and food environments, the use of microorganisms in foods (startercultures and biopreservation, biopesticides) microbiological methods for detection of foodborne pathogens including foodborne viruses etc. Member of Panel on Biological Hazards, EFSA from 2003-2012.

---

---

**Main scientific publications**

Above 110 publications including scientific peer reviewed papers (27), scientific reports (30), conference proceedings and non-peer reviewed publications (47) and bookchapters (6). Selected peer review papers include:

Schultz, AC., Uhrbrand, K., **Nørrung, B.** and Dalsgaard A. (2012) Inactivation of norovirus surrogates on surfaces and raspberries by steam-ultrasound treatment. J Food Prot. Feb;75(2):376-81.

Schultz, AC, Vega, E Dalsgaard, A., Christensen LS, **Nørrung, B.**, Hoorfar, J., Vinjé, J. (2011) Development and evaluation of novel one-step TaqMan realtime RT-PCR assays for the detection and direct genotyping of genogroup I and II noroviruses. J. Clin. Virol. 2011 Mar;50(3):230-4. Epub 2010 Dec 30.

Uhrbrand,K., Myrmel, M., Maunula, L., Vainio, K., Trebbien, R., **Nørrung, B.** and Schultz, AC (2010) Evaluation of a rapid method for recovery of norovirus and hepatitis A virus in oysters and blue mussels J Virol Methods. 2010 Oct;169(1):70-8. Epub 2010 Jul 13.

Bernbom, N., Jelle, B., Brogren, CH., Vogensen F.K., **Nørrung, B.**, Licht, T.R. (2009) Pediocin PA-1 and a pediocin producing *Lactobacillus plantarum* strain do not change the HMA rat microbiota. Int. J. Food Microbiol.

**Nørrung, B.**, Buncic S. (2007) Microbial safety of meat in the European Union. Meat Science, 78/1-2, 14-24.

Andersen, J.K., Hald, T., Nielsen N.L., Sporon-Fiedler, C. and **Nørrung, B.** (2007), New strategies for microbiological analysis in food control in Denmark. Food Control, 18, 273-277

Bernbom, N., **Nørrung, B.**, Saadbye, P., Mølbak, L., Vogensen, F and Licht, T.R. (2006) Comparison of methods and animal models commonly used for investigation of fecal microbiota: Effects of time, host and gender. Journal of Microbiological Methods, 66, 87-95.

Christensen B., Rosenquist, H., Sommer, H., Nielsen, N.L. and **Nørrung B.** (2005) Risk modelling of kitchen hygiene and consumption patterns in private households. Risk Anal. 25: 49-60.

Rosenquist, H., Sommer, H., Nielsen, N.L., **Nørrung B.** and Christensen B. (2003) Risk assessment of human illness related to *Campylobacter jejuni* in Chicken. Int. J. Food Microbiol. 83, 87-103.

Nexmann Jacobsen, C., **Nørrung, B.**, Sommer, H. and Jacobsen, M. (2002) Invasiveness of different PFGE-types of *Listeria monocytogenes* in Caco 2 cells. Appl. Environ. Microbiol. Nov; 68 (11): 5698-703