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### EDUCATION

2004 Ph.D. in Microbiology, Lund University, Lund, Sweden  
1998 Master of Science in Food Sciences and Biotechnology Lund University, Sweden  
1991 Bachelor of Science in Agronomy, Shenyang Agricultural University, Shenyang, China

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### TEACHING EXPERIENCE

2001 & 2002 **Teaching assistant**, Lund University, Lund, Sweden (class: food hygiene)  
2004 **Teaching assistant**, Lund University, Lund, Sweden (class: probiotics)

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### RESEARCH EXPERIENCES

2007 - present Postdoctoral research associate, University of Illinois, Urbana  
2005 - 2006 Researcher, Lund University, Lund, Sweden  
2005 Project assistant, Probi AB, Lund, Sweden  
1998 - 2004 Ph. D student, Lund University, Lund, Sweden  
1995 - 1996 Visiting scholar, University of Illinois, Urbana  
1994 - 1995 Visiting scholar, Kansas State University, Manhattan  
1991 - 1994 Research assistant, Jilin Academy of Agricultural Sciences, Gongzhuling, China.

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### PROFESSIONAL MEMBERSHIPS

American Society for Nutrition (ASN)	2009-present
American Association for the Advancement of Science (AAAS)	2009-present

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### PUBLICATIONS

#### Article in Peer-Reviewed Journals

- Monaco MH, Kashtanov DO, **Wang M**, Walker DC, Rai D, Jouni ZE, Miller MJ, Donovan SM. (2011) Addition of polydextrose and galactooligosaccharide to formula does not affect bacterial translocation in the neonatal piglet. *J Pediatr Gastroenterol Nutr* 52:210-216.
- Poroyko V, White JR, **Wang M**, Donovan S, Alverdy J, Liu DC, Morowitz MJ. (2010) Gut microbial gene expression in mother-fed and formula-fed piglets. *PLoS One* 27; 5(8):e12459.
- Wang M**, Karlsson C, Olsson C, Adlerberth I, Wold AE, Strachan DP, Martricardi PM, Aberg N, Perkin MR, Tripodi S, Coates AR, Hesselmar B, Saalman R, Molin G, Ahrné S. (2008) Reduced diversity in the early fecal microbiota of infants with atopic eczema. *J Allergy Clin Immunol* 121:129-134.
- Wang M**, Molin G, Ahrné S, Adawi D, Jeppsson B. (2007) High proportions of proinflammatory bacteria on the colonic mucosa in a young patient with ulcerative colitis as revealed by cloning and sequencing of 16S rRNA genes. *Dig Dis Sci* 52:620-627.
- Mangell P, Lennernäs P, **Wang M**, Olsson C, Ahrné S, Molin G, Thorlacius H, Jeppsson B. (2006) Adhesive capability of *Lactobacillus plantarum* 299v is important for preventing bacterial translocation in endotoxemic rats. *APMIS* 114: 611-618.

- Wang M**, Ahrné S, Jeppsson B, and Molin G. (2005) Comparison of bacterial diversity along the human intestinal tract by direct cloning and sequencing of 16S rRNA genes. *FEMS Microbiol Ecol* 54:219-231.
- Wang M**, Ahrné S, Antonsson M, and Molin G. (2004) T-RFLP combined with principal component analysis and 16S rRNA gene sequencing: an effective strategy for comparison of fecal microbiota in infants of different ages. *J Microbiol Methods* 59: 53-59.
- Mangell P, Nejdors P, **Wang M**, Ahrné S, Weström B, Thorlacius H, and Jeppsson B. (2002) *Lactobacillus plantarum* 299v inhibits *Escherichia coli*-induced intestinal permeability. *Digest Dis Sci* 47: 511-516.
- Wang M**, Adawi D, Molin G, Pettersson B, Jeppsson B, and Ahrné S. (2001) Identification of the translocating bacteria in rats with acute liver injury and their relation to the bacterial flora of the intestine mucosa. *APMIS* 109:551-558.
- Liu Q, Nobaek S, Adawi D, Mao Y, **Wang M**, Molin G, Ekelund M, and Jeppsson B. (2001) Administration of *Lactobacillus plantarum* 299v reduces side-effects of external radiation on colon anastomotic healing in an experimental model. *Colorectal Dis* 3: 245-252.
- Pettersson B, **Wang M**, Fellström C, Uhlén M, Molin G, Jeppsson B, and Ahrné S. (2000) Phylogenetic evidence for novel and genetically different intestinal spirochetes resembling *Brachyspira aalborgi* in the mucosa of the human colon as revealed by 16S rDNA analysis. *Syst Appl Microbiol* 23:355-363.

### **Recent Abstracts**

- Comstock SS, **Wang M**, Hester SN, Li M and Donovan SM (2011) Ex vivo stimulation of neonatal porcine peripheral blood mononuclear cells with oligosaccharides found in human milk. *FASEB J* 25:lb215.
- Radlowski EC, **Wang M**, Monaco M and Donovan SD. (2010) Early nutrition affects intestinal CD3+ T-cell localization in the neonatal piglet *FASEB J* 24:lb352.
- Chen L, Monaco MH, **Wang M**, Donovan SM and Miller MJ. (2009) Impacts of piglet age and route of delivery on ileal *Lactobacillus* diversity. *FASEB J.* 23:903.1.
- Radlowski EC, **Wang M**, Monaco MH, Nehrling EW, Tappenden KA and Donovan SM. (2009) Mode of delivery and early nutrition differentially impact intestinal development of the neonatal piglet. *FASEB J.* 23:LB486.
- Wang M**, Radlowski EC, Monaco MH, Chen L, Miller MJ, Fahey GC, Gaskins HR and Donovan SM. (2009) Mode of delivery and early nutrition modulate microbial colonization and fermentation products in the neonatal piglet. *FASEB J.* 23:LB497.
- Wang M**, Radlowski EC, Monaco MH, Fahey GC, Gaskins HR and Donovan SM. (2009) Intestinal microbiota of sow-reared piglets is unaffected by route of delivery. *FASEB J.* 2009 23:903.2.