

Personal Data

Name	Hans Bisgaard
Date of birth	24.01.1955
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Academic positions

Present position	Professor of Paediatrics Head of the Danish Paediatric Asthma Centre Dept Paediatrics; Copenhagen University Hospital, Gentofte	1998-present
Visiting professor	Dept of Paediatrics National Jewish Medical & Research Centre, Denver, Colorado, USA	2003-2004
Research Fellow	Danish Research Council	1982-1985

Degrees

Specialist in Paediatrics	University Hospital of Copenhagen	1991
Doctor of Medical Science	University of Copenhagen	1988
EFCMG	American medical examination	1981
MD	University of Copenhagen	1981

Honorary contributions

“Group for the Respect of Ethics and Excellence in Science in Asthma Research”  
 “Global Strategy for Asthma Management and Prevention” /v NIHBL & WHO  
 Editorial board for “Pediatric Pulmonology”  
 Editorial board for “Allergy”  
 Board of the Paediatric Asthma Centre (founder and chairman)  
 Board of the Research Foundation “Birgit og Svend Igor Pock-Steens Fond”

Awards

Eur Resp Soc Annual Award 2001 for Paediatric Respiratory Research  
 Eur Resp Soc Annual Award 1997 for Paediatric Respiratory Research  
 Danish Patent award 1995

Administrative Training

Copenhagen Business School, Research Management	2007
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Major Grants (above 0.25 mil. Euro) in recent five years

Lundbeck Foundation	3 mil. Euro	2007
State Budget	3 mil. Euro	2008-2011
Augustinus Foundation	0.5 mil. Euro	
Pharmacy Foundation	0.5 mil. Euro	2003-2005
State Budget	4 mil. Euro	2002-2007
Danish Medical Research Council	0.3 mil. Euro	2002

Patents

- US Patent No 5.755.221 (aerosol device)
- Patent application No. PA 2006 01174: "Treatment of asthma using non-pathogenic organisms"
- Patent application No. PA 2006 01176: "Treatment of asthma using antibiotics"
- US provisional patent application #61/200.948: "Genetic Variations in the T-cell receptor alpha gene (TCRa) which predispose the airway to bacterial colonization"

Postgraduate supervision:

2 x Dr Med Sci; 7x Phd's; 3 x Master degree and 5 ongoing PhD studies

Lectures:

More than 500 invited international lectures on paediatric asthma

Publication statistics

Total	210
Original articles	128
Citations per original article	28,5
Impact factor per original article	6,0

Selected Publications from recent 10 years

1. Bisgaard H, Hermansen MN, Loland L, Halkjaer LB, Buchvald F. Intermittent inhaled corticosteroids in infants with episodic wheezing. *N Engl J Med* 2006; 354(19):1998-2005.
2. Bisgaard H, Hermansen MN, Buchvald F et al. Childhood asthma after bacterial colonization of the airway in neonates. *N Engl J Med* 2007; 357(15):1487-1495.
3. Sleiman PMA, Flory J, Imielinski M et al. Common variants in DENND1B associate with pediatric asthma. *N Engl J Med* 2009; in press.
4. Bisgaard H, Szeffler S. Long-acting beta2 agonists and paediatric asthma. *Lancet* 2006; 367(9507):286-288.
5. Palmer CN, Irvine AD, Terron-Kwiatkowski A et al. Common loss-of-function variants of the epidermal barrier protein filaggrin are a major predisposing factor for atopic dermatitis. *Nat Genet* 2006; 38(4):441-446.
6. Bisgaard H, Simpson A, Palmer CN et al. Gene-environment interaction in the onset of eczema in infancy: filaggrin loss-of-function mutations enhanced by neonatal cat exposure. *PLoS Med* 2008; 5(6):e131.
7. Bisgaard H, Moller H. Changes in risk of hospital readmission among asthmatic children in Denmark, 1978-93. *BMJ* 1999; 319(7204):229-230.
8. Bjermer L, Bisgaard H, Bousquet J et al. Montelukast and fluticasone compared with salmeterol and fluticasone in protecting against asthma exacerbation in adults: one year, double blind, randomised, comparative trial. *BMJ* 2003; 327(7420):891.
9. Bisgaard H, Flores-Nunez A, Goh A et al. Study of montelukast for the treatment of respiratory symptoms of post-respiratory syncytial virus bronchiolitis in children. *Am J Respir Crit Care Med* 2008; 178(8):854-860.
10. Bisgaard H, Bonnelykke K, Sleiman PM et al. Chromosome 17q21 gene variants are associated with asthma and exacerbations but not atopy in early childhood. *Am J Respir Crit Care Med* 2009; 179(3):179-185.