

## **Curriculum vitae for Thomas Bjarnsholt**

Date of birth: 4 February 1975. Wergelands Alle 31, 2860 Søborg. Married with 2 children.

### • **EDUCATION**

- June 4<sup>th</sup> 2013 Doctor of Medicine “The Role of Bacterial Biofilms in Chronic Infections”  
Faculty of Health and Medical Sciences (SUND), University of Copenhagen (UCPH)
- May 6<sup>th</sup> 2005 PhD: “*Experimental investigation of quorum sensing and biofilms of Pseudomonas aeruginosa in relation to lung infection in cystic fibrosis patients*”, Technical University of Denmark, Denmark (DTU)
- July 5<sup>th</sup> 2001 MSc in Chemistry (Civil engineer), DTU

### • **CURRENT POSITION(S)**

- 2014 – Professor at the Costerton biofilm Centre, (SUND-UCPH)
- 2008 – Head of Molecular Diagnostic Laboratory at Copenhagen University Hospital, Department of Clinical Microbiology (RH-KMA)

### • **FELLOWSHIPS and AWARDS**

- 2015 Award and Honorary Lecture at Danish Society for Orthopedic Surgery annual meeting
- 2015 Journal of Wound Care “Best Laboratory/Pre-Clinical Study” Award
- 2013 European Society for Clinical Microbiology and Infectious Diseases (ESCMID) Young Investigator Award
- 2012 Lundbeck Foundation Junior Group Leader Fellowship

### • **RESEARCH OUTPUT**

Research output: 178 scientific publications (published or In Press) from 2005 to present in peer reviewed international journals and books, and 2 patents and 3 patent applications. 60 of the 178 Scientific publications are based on international collaborations.

Web-of-Science publications are currently cited >9000 times, (2017> 1550 times) **H-index 47, m-factor 3.6**

Google Scholar indexed publications are currently cited >14.500 time, **H-index 55, m-factor 4.2**

**Among 87 researchers on the list of Highly Cited Researchers 2018**

(<https://hcr.clarivate.com/#freeText%3DDenmark>)

### • **Management experience**

I have attracted total funding: DKK 27,166,699 (3.6 mill Euro) as PI and contract research projects: Total contract funding ≈ 12 DKK mill (1,6 mill Euros)

I am Founder, leading and advisory board of the “Biofilm Test Facility” (<http://biofilmtestfacility.ku.dk>)

### • **Scientific Focus area**

The role of bacterial biofilms in chronic bacterial infections has become my scientific field of interest. To observe and elucidate how bacterial biofilms forms in otherwise sterile parts of the human body and how they apparently evade both traditional antibiotics and an on-going inflammatory response fascinates me.

### • **INSTITUTIONAL RESPONSIBILITIES**

- 2014 – Member of the steering committee of the Copenhagen Microbiology Center, UCPH
- 2014 – Member of SUND-UCPH and UCPH Innovation Board
- 2013-2018 Member of the Council of the Department for Immunology and Microbiology SUND-UCPH
- 2013- Chairman of PhD (7) and Professor (2) assessor committees at SUND-UCPH

- **COMMISSIONS OF TRUST**

2017 – Editor-in-Chief APMIS Journal

2017 – Steering committee member of the consortium “Safe Room”

2014 - Executive board member of the Danish Pasteur Society

2014- Editor of Microorganisms and FEMS Pathogenesis

2013 - Founder and advisory board of the “Biofilm Test Facility” (<http://biofilmtestfacility.ku.dk/>)

2013- Series Editor on the Springer Series on Biofilms

2012- Chairman of the ESCMID Study Group for Biofilms

2012 – Editor of Advances in Wound Care

2011, 2013 and 2015 Guest Editor in Chief of Thematic Issue of Eurobiofilms by FEMS Pathogens and Disease

2011- Executive board member (Treasurer) of the Danish Society of Microbiology (DMS)

2010- Founder and organizer of the Danish Biofilm Workgroup

- **International relations**

- Professor Marvin Whiteley, Biological Sciences, Georgia Institute of Technology, USA on biofilm behavior
- Professor Phil Stewart, Center for Biofilm Engineering, Montana State University, USA on biofilms and host defence
- Assoc. Professor Steve Diggie, Biological Sciences, Georgia Institute of Technology, USA on social interactions of bacteria in biofilms and infections
- Professor Matt Parsek, Department of Microbiology, University of Washington, USA on bacterial interactions in biofilms and in vitro model systems
- Professor Paul Stoodley, Department of Microbial Infection and Immunity, The Ohio State University, USA on bacterial behavior in chronic infections and diagnosis of these
- Professor Rosalind Allen, Edinburgh University, UK on mathematical modulation of bacterial behavior
- Professor Greg Shultz, Department Obstetrics & Gynecology, Director, Institute for Wound Research, University of Florida, USA on biofilms in chronic wounds
- Researcher and associate professor Natuschka Lee at the Department of Ecology and Environmental Science, Umeå University, Sweden on FISH technologies
- Professor Gordon Ramage, Dental School, University of Glasgow, GB on fungal infections

- **PhD students & postdocs supervised**

Since 2005, I have supervised: 6 Postdocs (3 current and 3 former), 12 PhD students (8 current and 4 former and additionally 7 co-supervised), 17 Master Students and 22 Bachelor students.