

## CV of Plenary Speaker for ICBP 2017

### Alexander Steinbüchel

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*Passport Photo (see  
separate attached file)*

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**Education:** Ph.D. in Microbiology, University of Münster (1983)  
Diploma in Biology, University of Münster (1980)

### Experience

Dean of the Faculty of Biology at the University of Münster  
(October 2002 to September 2005)

Distinguished Adjunct Professor to King Abdulaziz University in Jeddah (Saudi Arabia)  
(since September 2011)

Editor in Chief of *AMB Express* (Springer)  
(since 2011)

Call for a Chair of Microbiology/Biotechnology at the University of Alberta at Edmonton (Canada)  
(not accepted, April 2005)

Editor in Chief of the journal *Applied Microbiology and Biotechnology* (Springer)  
(since 1995)

Full Professor (Chair of Microbiology) at the 'Institute of Molecular Microbiology and Biotechnology'  
at the University of Münster  
(since September 1994)

Call for the Chair of Microbiology at the University of Hohenheim in Stuttgart  
(not accepted, August 1993)

"Philip Morris Research Award"  
(February 1992)

Habilitation for 'Microbiology' at the University of Göttingen  
(February 1991)

PostDoc at the Rockefeller University in New York (USA)  
(January 1985 - Dezember 1985)

Award "Promotionspreis" of the VAAM

(February 1984)

PhD studies at the University of Göttingen (Germany) (in lab of Professor Dr. H. G. Schlegel)  
(October 1980 - April 1983)

Studies of Biology at the University of Göttingen (Germany)  
(Diploma thesis in the lab of Prof. Dr. H. G. Schlegel)  
(October 1975 - September 1980)

### **Research Interests**

Metabolism, biosynthesis and biotechnological production of microbial polymers (polyhydroxyalkanoates, polythioesters, cyanophycin) and microbial lipids (triacylglycerols, wax esters)

Biogenesis and structure of bacterial storage compounds

Biotechnological production of vanillin and related chemicals

Microbial degradation of natural rubber, polyamides and polyesters

### **Self-Introduction of Plenary Speaker for ICBP 2017**

Alexander Steinbüchel was born in 1953, and studied Biology at the University of Göttingen. After receiving his PhD (Prof. Hans-Günther Schlegel, 1983), he spent one year as a PostDoc at the Rockefeller University (New York) with Prof. Christian DeDuve. Returning to Göttingen, he completed his habilitation in 1991. He was awarded the Philip Morris research prize in 1992. He has been Professor of Microbiology and the Director of the Institute for Microbiology at the University of Münster since 1994. His second affiliation as Distinguished Adjunct Professor is at King Abdulaziz University in Jeddah (Saudi Arabia). His research interests include microbial polymers (polyesters, polyamides, polyisoprenoides), lipids, organic sulfur compounds and vanillin. The focus is on the characterization of key enzymes and the engineering of the metabolism aiming at improved biotechnological production processes and biosynthesis of novel compounds.

**Presentation title: Towards non-biodegradable biopolymers**