

## KEYNOTE SPEAKER



**Daniel Otzen**

Professor at The Interdisciplinary Nanoscience Center at Aarhus University

## Enzymatic plastic degradation: A solution to plastic pollution

**Daniel Otzen**, Professor at The Interdisciplinary Nanoscience Center at Aarhus University

Abstract coming soon

### About Daniel Otzen

Since 2007, Daniel Otzen has been a professor of nanobiotechnology at the Interdisciplinary Nanoscience Center (iNANO) at Aarhus University. He holds a degree in chemistry and molecular biology from Aarhus University and a PhD from the University of Cambridge. A member of the Royal Danish Academy of Sciences and Letters since 2010, Otzen's research spans biology, chemistry, physics, and medicine. He has also served on various international committees and, since 2021, chairs Aarhus University's Faculty of Science Equality Committee.

Event Coordinator:

AmCham Denmark - Dag Hammarskjölds Allé 13 - 2100 Copenhagen Ø

# ESAC 2025

## Executive Seminars in Analytical Chemistry

Tuesday, April 29, 2025 - Scandic Copenhagen



AmCham Denmark's Analytical Instruments Committee is pleased to announce the 24<sup>th</sup> annual Executive Seminars in Analytical Chemistry: ESAC 2025

ESAC brings together manufacturers, leading scientific researchers, progressive vendors and cutting-edge technology within the field of analytical instruments.

Experiences, methods, results and the latest developments will be presented within four core areas: Life Science / Biotech, Pharmaceutical, Food / Environmental and Clinical / Forensic applications.

### ANALYTICAL INSTRUMENTS COMMITTEE COMPANIES



### GUEST EXHIBITORS





09:00 - 09:30	<b>Registration &amp; Coffee</b>
09:35 - 09:45	<b>Introduction &amp; welcome remarks by Stephen Brugger, AmCham Denmark</b>
09:45 - 10:15	<b>KEYNOTE: "Enzymatic plastic degradation: A solution to plastic pollution", Daniel Otzen, Professor at the Interdisciplinary Nanoscience Center (iNANO) at Aarhus University</b>

	Life Science / Biotech			Pharmaceutical			Applied Sciences		
	Title	Presented by	Technique	Title	Presented by	Technique	Title	Presented by	Technique
10:20 - 10:50	Mass spectrometry analysis of serum dehydro-epiandrosterone sulfat (DHEAS) in 15 seconds	<b>Marianne Lerbæk Bergmann</b> , Biokemiker, Vejle Sygehus	Rapid Fire MS/MS	Title coming soon	<b>Gustaf Hulthe</b> , Astra Zeneca Pharmaceutical Technology & Development	LC-HRMS timsTOF HT	Non-target screening in water: Identifying new PFAS in wastewater & contaminant migration from re-usable plastic bottles	<b>Selina Tisler</b> , Assistant Professor Copenhagen University Dept. of Plant & Environmental Sciences	SFC / LC

10:50 - 11:20	<b>Coffee Break</b>
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11:20 - 11:50				Glycosylation – Use biology to change the properties of small molecules	<b>Diana Jæger</b> , Senior Scientist, River Stone Biotech	LC/MS/MS	The versatility of Sliding Window in Ion Mobility-Mass Spectrometry for targeted and non-targeted analysis of chemicals of emerging concern	<b>Prof. Eppe Gauthier</b> , Université de Liège	LC-HRMS timsTOF Pro 2
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11:50 - 12:00	<b>Change Break</b>
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12:00 - 12:30							The potential of comprehensive 2D-LC in non-target screening	<b>Osker Kronik Munk, PhD</b> , University of Copenhagen	LC/MS/MS
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12:30 - 13:20	<b>Lunch Break</b>
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13:20 - 14:20	<b>Poster Pitch Session</b>
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14:20 - 14:30	<b>Change Break</b>
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	Life Science / Biotech			Pharmaceutical			Applied Sciences		
	Title	Presented by	Technique	Title	Presented by	Technique	Title	Presented by	Technique
14:30 - 15:00	Visualising microbial interactions using MALDI MSI	<b>Aaron John Christian Andersen</b> , Metabolomics Core Manager, DTU Metabolomics Core, Natural Product Discovery	MALDI MSI - timsTOF fleX	Automated closed loop U/HPLC method development	<b>Søren Furbo</b> , Process Optimisation Specialist, Novo Nordisk	U/HPLC	Urban Runoff's Chemical Fingerprint: It's Not Just Water Under the Bridge	<b>Jan H Christensen</b> , Professor, Environmental Analytical Chemistry, Copenhagen University	HC-HRMS
15:00 - 15:30	American Wine and State of the Union	<b>Anne Aamot Stephen Brugger</b>							

15:30 - 17:30	<b>Poster session + Mixer/wine tasting, Wrap up &amp; prize drawing – best poster award</b>
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