

FULLFLOW

Spring Newsletter

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Welcome to the Spring 2026 issue of FullFlow, the flow chemistry newsletter from Vapourtec, a must-read for all scientists interested in continuous processing applications and technology. Read on to find out the latest product news, new publications using the Vapourtec flow chemistry systems, and upcoming events.

Product News

Keeping flow chemistry on track: structured support in practice



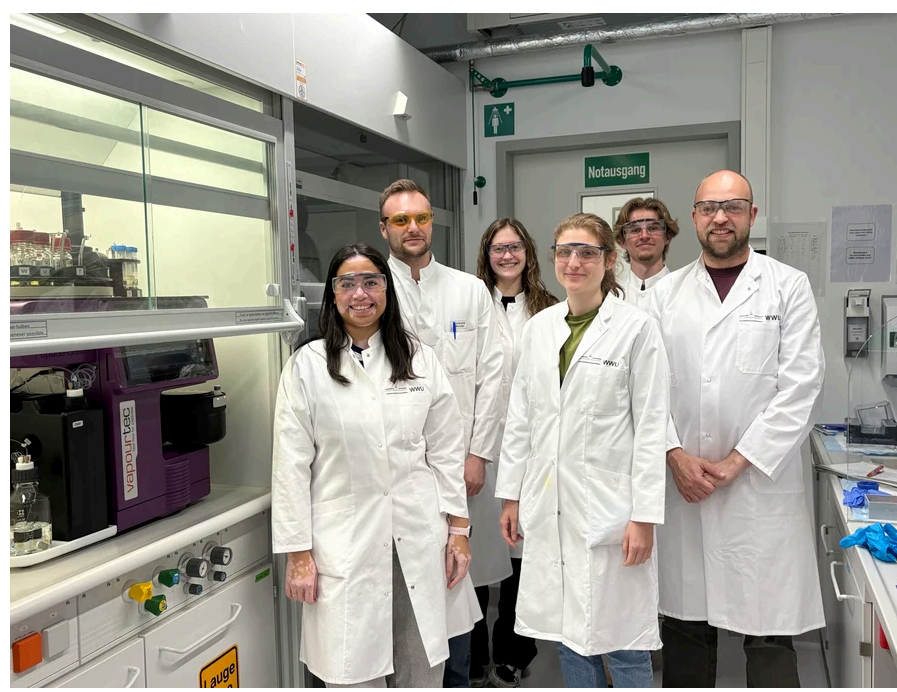
Vapourtec has launched a new Service Portal, providing customers with a faster and more streamlined way to access technical support, servicing, and maintenance assistance.

Designed to support the demands of busy laboratory environments, the portal helps customers keep their flow chemistry systems running smoothly while improving visibility and tracking across support requests.

The new platform makes it easier to log and manage service enquiries, helping ensure faster communication, improved organisation, and more efficient support throughout the lifecycle of your system.

[Learn More](#)

Peptide-Builder™ Drives Development of Novel Bioactive Peptides for RNA Therapeutics at University of Münster

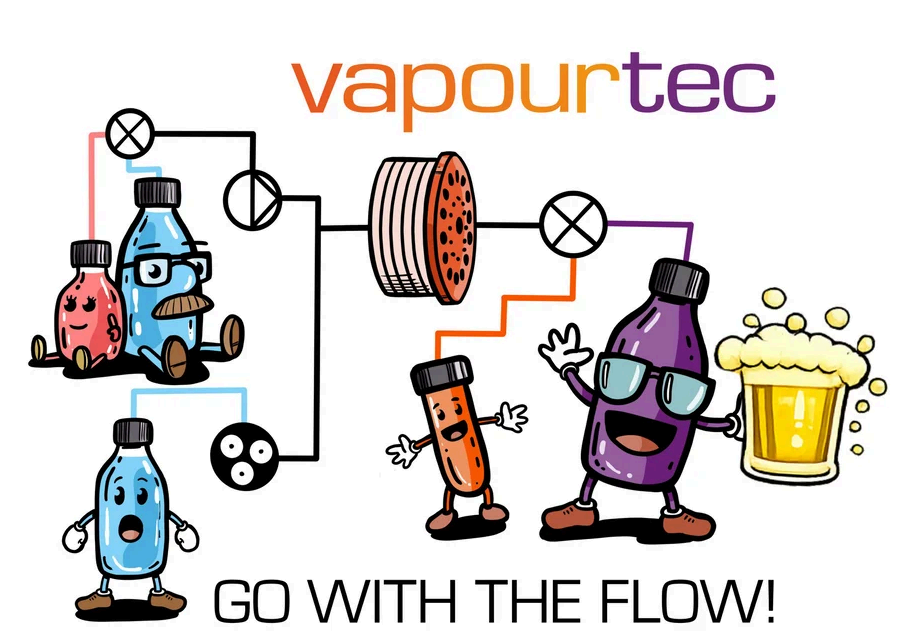


Vapourtec has installed a Peptide-Builder™ system in Professor Peter 't Hart's research group at the University of Münster, Germany. The system is now fully operational and supporting advanced research into targeting protein-RNA interactions (RPIs) for therapeutic applications.

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Latest News

Flow Chemistry on Tap: Vapourtec at Pint of Science

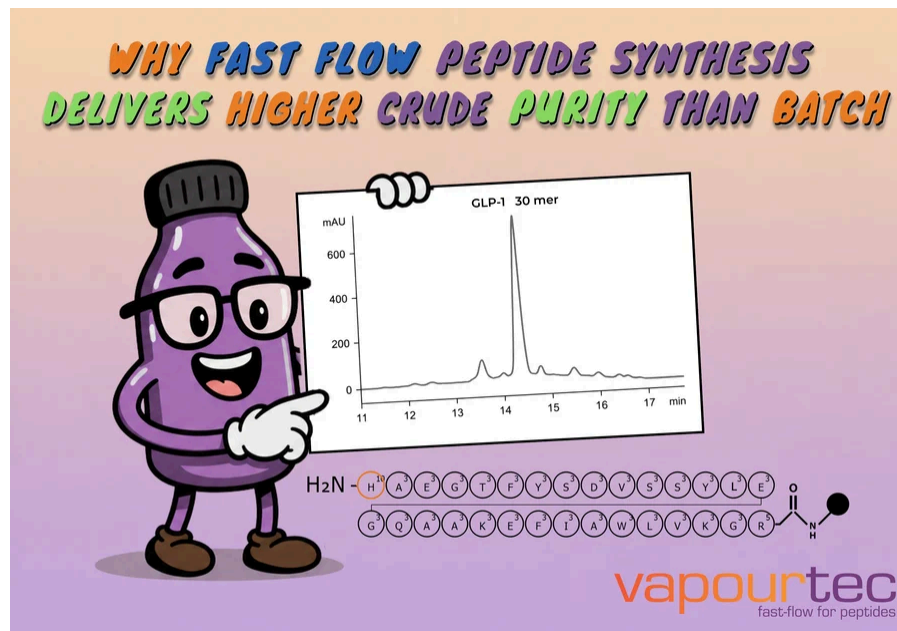


Vapourtec is excited to be taking part in the 2026 Pint of Science festival, supporting an event focused on modern chemical synthesis and reaction design.

The session, "Synthesising Reactions", will take place on 19th May 2026 at The Station Tavern, Cambridge, from 7:00pm to 9:00pm, as part of the UK-wide Pint of Science programme.

[Learn More](#)

The Purity Advantage of Fast-Flow SPPS

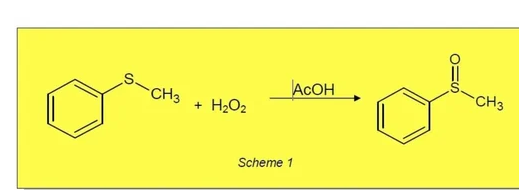


Achieving high crude purity is one of the biggest challenges in peptide synthesis, particularly for longer or more complex sequences. This article explores how Fast-Flow synthesis improves reaction control and reduces side reactions to help produce cleaner peptides from the outset.

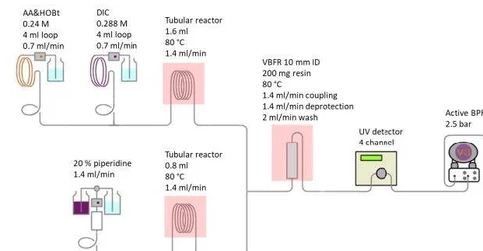
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Application Notes

Below, we highlight two application notes, each demonstrating practical advances achievable using Vapourtec's continuous processing systems.


Application Note 45:
The safe and controlled oxidation of thioanisole with 50 wt. % hydrogen peroxide

This application note demonstrates the continuous flow oxidation of thioanisole using 50 wt% aqueous hydrogen peroxide delivered neat with Vapourtec systems. Reaction performance under both sub-ambient and mildly heated conditions is evaluated, with temperature control achieved using a Vapourtec cooling module to safely manage the exothermic oxidation while investigating throughput optimisation.

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Application Note 69:
Automated CF-SPPS and evaluation of GLP-1 peptide

This application note demonstrates continuous flow solid-phase peptide synthesis of the 30-mer GLP-1 peptide using a Vapourtec RS-400 system equipped with a Variable Bed Flow Reactor. Continuous packing of the solid support maximises reagent-resin contact efficiency, improving mass transfer and synthesis performance while reducing solvent consumption independently of the resin core used.

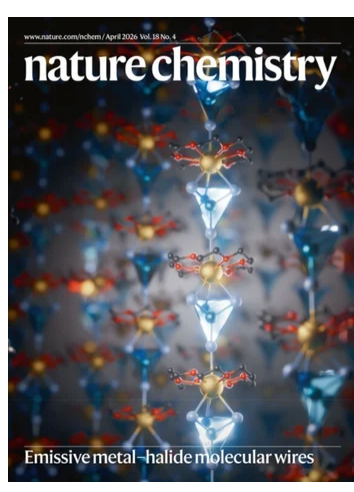
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Events

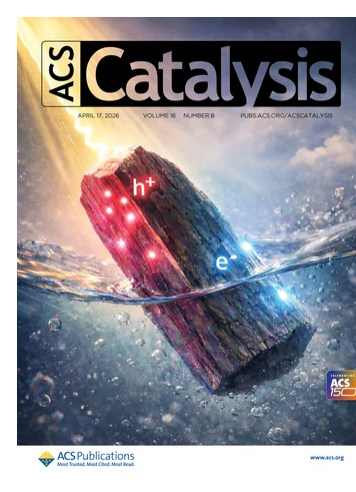
	Dutch Peptide Symposium 5th June 2026 Maastricht University, The Netherlands Attending - Dr Manuel Nuño	Find out more
	ISOFR-14 7th - 10th June 2026 Bologna, Italy Attending - Alfattech S.p.A	Find out more
	Catsci 2nd Innovation in Peptide Science 7th July 2026 Nottingham, UK Attending - Dr Manuel Nuño	Find out more
	ACS Fall 2026 23rd - 27th August 2026 Chicago, USA Attending - All Deuchars	Find out more

Publications

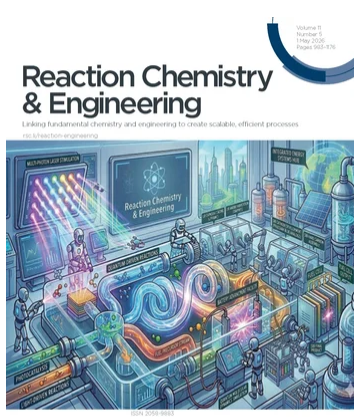
Below are 6 compelling publications selected from the 50+ publications citing Vapourtec in recent months. To view all publications citing Vapourtec, [click here](#)



Chemical recycling of hydrofluorocarbons by transfer fluorination

[Learn More](#)


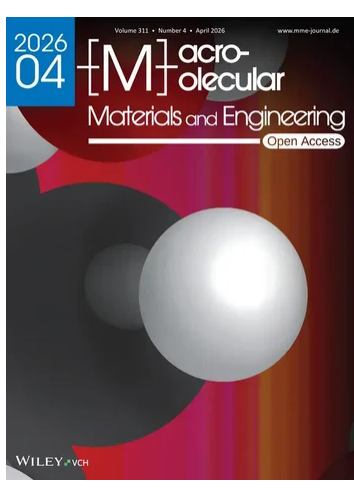
Flow-Enabled Deuteration of Saturated Fatty Acids over Platinum Group Metals: Mechanistic and Process Insights

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Advances in continuous manufacturing of albuterol sulfate: optimization of an amination reaction in flow

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A sweet flow: HMF production and in situ valorization into valuable nitrile-containing compound via telescopic flow chemistry

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Enzymatic Ring-Opening Polymerization of ε-Caprolactone in Novel Green Solvents: from Batch Systems to Continuous Flow Mesoreactors

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High-Throughput Kinetic Screening of UV and Visible Light-Induced Copper-RDRP in Continuous Flow Using Inline Benchtop NMR Analysis

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