



GreenLaboratoryWork 2026

Your Green Lab Event – From Scientists For Scientists

[A Time Zone Converter for Your](#)

New York Berlin

11AM **16:00**

Case Studies & Papers on Driving Change Safely

By Patrick Penndorf – ReAdvance

Discover how labs saved >65% of plastic waste and >100 kWh of energy simply by optimizing protocols. Get the papers, the experiences, and the insights on how to drive change without needing much time. Applicable in sterile environments in academia or regulated labs.

16:30

11:30AM **16:30**

The Story Behind Bio-Based HPLC Solvents

By John Cooper and Ben Peters – Merck KGaA, Darmstadt, Germany

Labs use millions of liters of fossil-based solvents every year. Now, there's an alternative. Discover the first bio-based HPLC solvent portfolio, delivering the precision and reliability chromatographers expect - without method redevelopment. Same procedures, same data, lower impact.

17:00

Noon **17:00**

A Unique Opportunity – Greener Gas Generation for LC/MS, GC & FTIR

By Dr. Philipp Lübbert– PEAK Scientific

Some labs still rely on gas cylinders to keep instruments running. Discover how on-site gas generators can provide a safe, reliable, and more sustainable supply, as well as how switching from helium to hydrogen can reduce costs and supply risk.

17:30

12:30PM **17:30**

Circularity for Your Lab – Focusing Pipette Tips & Boxes

By Tim King – Labcon

Single-use lab plastics no longer need to mean single-use systems. Discover how circular solutions for pipette tips, refill systems, reusable tubes, and take-back programs for tip boxes can reduce waste and keep valuable materials in use for longer.

1 PM 18:00

Open End -

Depending on How Many Questions You Have

Bonus Session: Sharing Protocols, Resources & Publications

By Patrick Penndorf & You



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Bioplastics, Footprints of Plastic Items & What You Must Know

By Dr. Jan Bebermeier – Eppendorf SE

16:30

If you want to reduce your lab's carbon footprint, tips, tubes, and plates made from bioplastics are an option. But how are the footprints of these products calculated, and what should you consider when choosing between options? Bonus: Resources on the safety of bioplastics in research processes.

11:30AM **16:30**

How to Drive Change in Cell Culture – FRS and Practical Experiences in Approaching Others

By Dr. Katie Day – Media City

17:00

FBS has long been the standard in cell culture, but it requires the slaughter of animals and is not standardizable. Therefore, we explore how FRS offers a chemically defined, animal-free alternative, bringing greater consistency and sustainability to your lab.

Noon **17:00**

Optimizing Research Processes and How to Make Change Happen

By Ben Grey – Scientific Steps | P&G

17:30

Can sustainability make lab protocols more efficient without compromising safety or reliability? Beyond plastics and freezers, discover how sustainability can be used as a practical approach to improving processes - without adding significant time or complexity.

12:30PM **17:30**

Green Chemistry Tools & A Step-By-Step Guide on Making Labs Greener

By Eleanor Campbell & Patrick Penndorf

1 PM **18:00**

Making a lab greener can feel overwhelming, but it doesn't have to be. Explore practical green chemistry tools and a step-by-step approach to identifying opportunities, reducing environmental impact, and making more sustainable choices in everyday lab work.

Open End -

Bonus Session: You Are Not Alone, Let Me Prove It to You

Depending on How Many Questions You Have

By Patrick Penndorf & You