



Bacteria make bioplastics from CO₂

Researchers at TU Graz and ACIB feed bacteria with CO₂ and other gases in a gas fermentation process. What humans store as fat, these bacteria deposit as bioplastics.

Lunghammer – TU Graz



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Dear colleagues, research partners and all those interested in our research,

this issue is dedicated to basic research, a topic that is very close to my heart. Basic research asks the important question “Why?”. Why does our world work the way it does? It is driven by curiosity and a thirst for knowledge.

“Without basic research, there is no value creation,” Helga Nowotny once said in her role as ERC President. This is a statement that I fully endorse and I am delighted that TU Graz is also successful in basic research at national and European levels.

The interviews for the ERC Starting Grants are currently underway and several researchers from TU Graz are taking part in this round of interviews. We wish them success.

Robert Legenstein and his team are strongly represented in a national Cluster of Excellence (CoE) project under the leadership of the JKU Linz (Sepp Hochreiter) called “Bilateral AI”, which addresses a central future topic of our time.

There is also a new internal lead project. The “DigiBioTech” team led by Robert Kourist (Institute of Molecular Biotechnology) has set itself the goal of combining the strengths of biotechnology and artificial intelligence in the coming years. You can read more about this on page 8 in this issue of TU Graz research.

I hope you enjoy reading about basic research and I wish you a relaxing summer!

All the best and see you in the next issue of TU Graz research,
Andrea Höglinger