

Press release

Prof. Patricia Dankers joins Hudson River Biotechnology's Scientific Advisory Board

Prof. Patricia Dankers, full professor of Biomedical Materials & Chemistry at the department of Biomedical Engineering and the Institute for Complex Molecular Systems of Eindhoven University of Technology, has joined the Scientific Advisory Board of Hudson River Biotechnology (HRB). Prof. Dankers is internationally renowned for her fundamental research on supramolecular biomaterials for regenerative medicine applications. One important research line in her group deals with the development of synthetic extracellular materials for the culture of animal and human cells. In 2021, her research focus has expanded to include the use of biomedical techniques and materials to cultivate and characterize cultured plant cells. Prof. Dankers has been awarded various grants and awards, such as the KNCV Gold Medal and recently the Ammodo Science Award for fundamental research.

HRB operates as an independent technology provider and technology co-development partner in gene editing and nanodelivery in plants. Our TiGER workflow enables molecular breeding in an end-to-end fashion using CRISPR. Prof. Dankers will advise HRB on the design, development and implementation efforts with regard to automation and scaling of the TiGER workflow.

Ferdinand Los (CSO HRB): "Prof. Dankers is in the top of her field and an expert on supramolecular formulations and screening approaches. Her experience and insights on the synthesis of various biomaterials including hydrogels and their application in cell embedding and screening, will be of tremendous value to our efforts in the scaling and automation of the TiGER workflow."

Patricia Dankers: "I am very honored to be part of the Scientific Advisory board of HRB. Their approach to culture and edit plant cells is unique. I foresee great transfer of knowledge from the biomedical materials field to the plant cell culture field, and back. Learning from these fields, and combining both fields, is very exciting. We are just at the beginning of exploring new avenues."

Prof. Patricia Dankers is the second addition to Hudson River Biotechnology's Scientific Advisory board, joining Prof. John van der Oost, head of the Bacterial Genetics group in the Laboratory of Microbiology at Wageningen University. Prof. van der Oost advises HRB on

further refinement of our TiGER workflow, for example through the development and application of improved proteins, further broadening its commercial application. Hudson River Biotechnology is extremely pleased to be able to benefit from the combined expertise of these two experienced scientists.

About Hudson River Biotechnology B.V. (HRB)

HRB is an independent technology provider, specialized in plant breeding, crop production, genetics, and biotechnology. Through our work, we intend to deliver on the promise that crop improvement can address the demands of a resilient, sustainable bioeconomy. Since our founding in 2015, HRB has been acting as a European front runner in the global plant biotech race. We have worked with companies from all sizes and different industries to develop new traits or solve technological barriers in gene editing. In 2021, we have expanded our technology portfolio to offer delivery of biologicals and small molecules in field applications through nanotechnology. HRB's approach is to develop new platform technologies that accelerate crop improvement in terms of adaptation, resilience, and end-use. We focus on targeted editing of traits through CRISPR and enabling efficient use of crop inputs through nanotechnology. HRB has established a name in the market as a go-to player for disruptive innovations and cutting-edge technological developments.

For more information, please contact:

Hudson River Biotechnology B.V.

Thomas Beelaerts
Marketing & PR Manager
thomas.beelaerts@hrb.bio
Tel: +31.6.10984300
Nieuwe Kanaal 7V
6709PA Wageningen, Netherlands

www.hrb.bio