

## Product development to refine lactic acid for cleaning and industrial grade

At nature's principles, we offer a highly dynamic and entrepreneurial setting. Co-founders Jan Pieter van Tilburg (CEO) and Jules Rombouts (CTO) have the mission to disrupt the lactic acid and cleaning markets through radical new process technology and new, highly sustainable, customer-driven products.



Supervisor: Jules Rombouts, CTO

Location: [BioBizzHub](#), pilot site nature's principles  
T. de Boerstraat 24 8561 EL Balk The Netherlands

Target intern level

HBO and BSc and MSc, (Bio)chemical engineering, chemistry

Goal:

Design, built, test and finalize a "base case" refinery process to produce our minimum viable product, designed to clean, disinfect and descale industrial equipment.

Description:

In this internship, a hands-on approach will be taken to achieve the goal. Using the lean start up methodology, a simple and straightforward process will be designed and tested to produce a industrial grade lactic acid solution for our customers. The focus is on product development, using chemical engineering principles.

A significant degree of freedom is provided to the intern. Daily supervision will be performed by Jules Rombouts, and relevant team members.

Conditions:

- A fair compensation for travelling and living costs
- Possibly a bedroom and shared living in Friesland
- Carpooling with company car from living location to lab/pilot site
- Coaching and personal development
- Confidentiality and intellectual property agreement needs to be agreed

Duration

Minimum of 3 months full time, up to 12 months

Contact

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