

# LignoPure

Your Biomass – Your Lignin



High-quality Lignin for Life Sciences

# The Team

A spinoff of the Hamburg University of Technology



**Joana Gil**  
Founder CEO  
Lignin product  
formulation

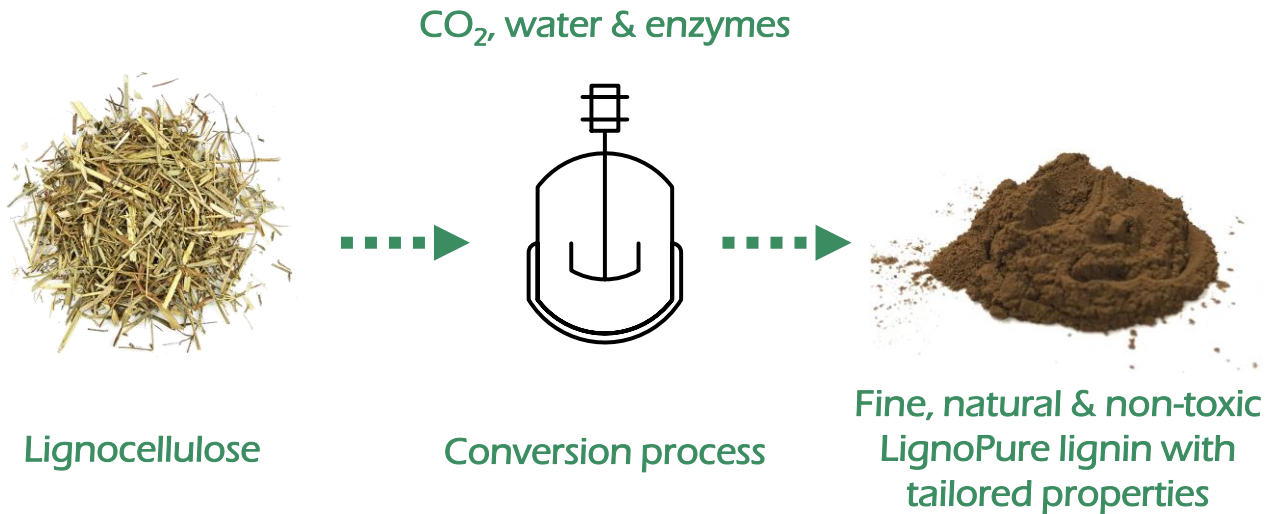


**Wienke Reynolds**  
Founder CTO  
Biomass processing



**Daniela Arango**  
Founder CFO  
Business  
administration

# The Idea



# Industrial lignin



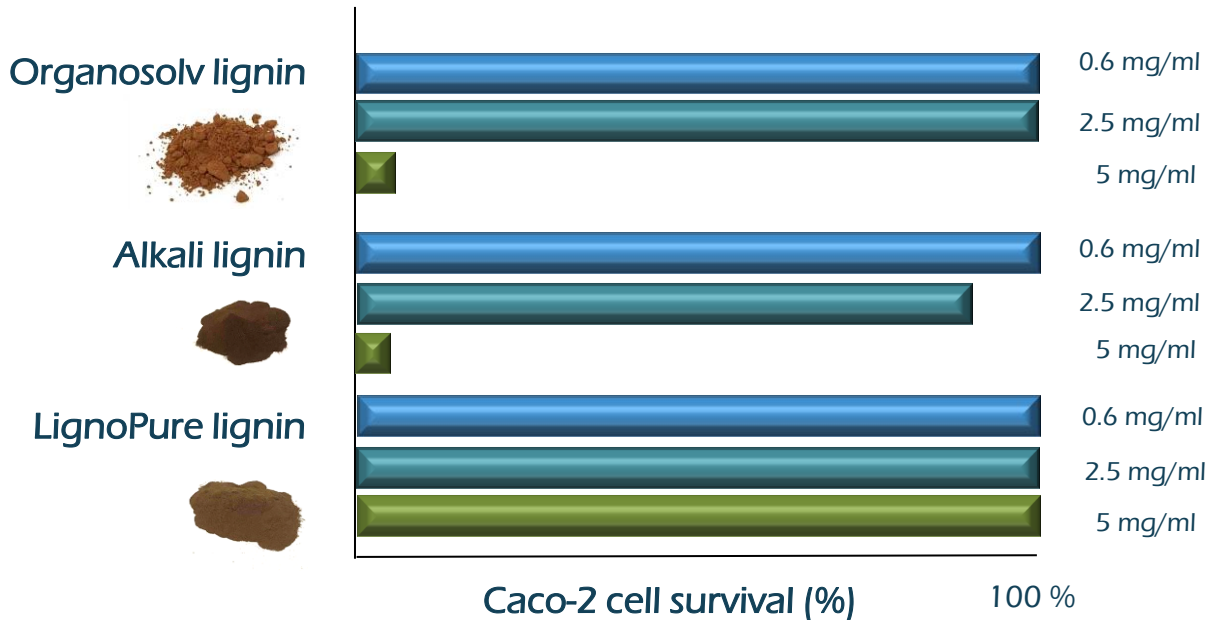
Lignin is produced in large quantities in paper mills worldwide

- Low MW & strong alteration due to digestion process
- Sulfur-contaminated and therefore unsuitable for many everyday uses

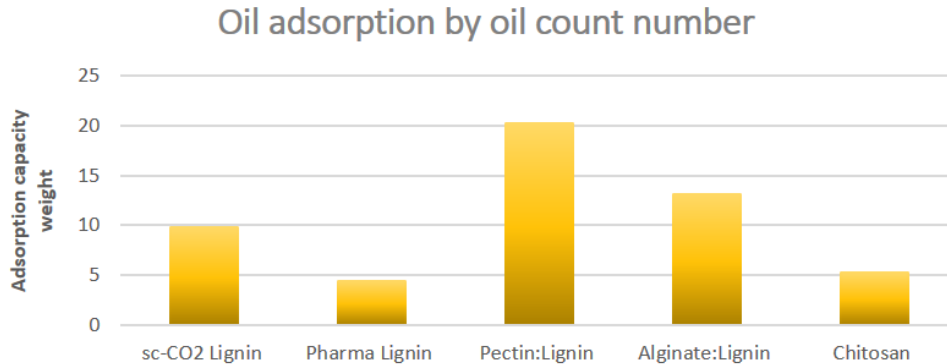
## LignoPure lignin...

- ... is natural,
- ... has low toxicity & odor
- ... can be tailored

# Case study: Cytotoxicity & cell viability



# Simulated Gastrointestinal Conditions

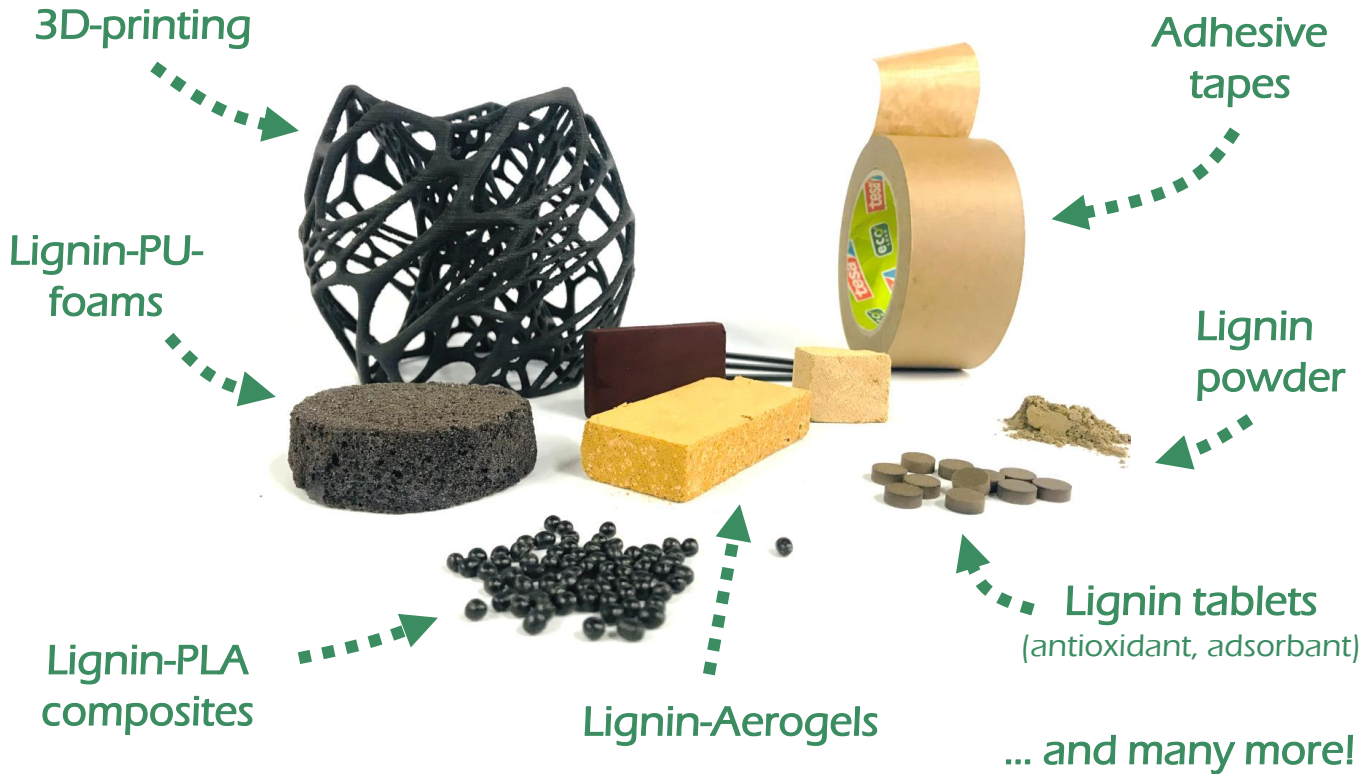


EFSA approved biopolymer. Health claim: dietary oil adsorption and control of obesity. Price: 60 €/kg



Natural non-cytotoxic product. Proven efficacy in dietary oil adsorption. MSP: 8 €/kg

# LignoPure can do more...



# Contact us!

**LignoPure is lignin-based innovation!**

**„We help our customers to develop and produce their own innovative and tailored lignin-based products!“**

Joana Gil, Founder CEO of LignoPure



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[www.tuhh.de/v8/links/lignopure](http://www.tuhh.de/v8/links/lignopure)

Supported by:

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Thermal Separation  
Processes

**TUHH**  
Hamburg University of Technology



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