

„2nd generation lactic acid – fermentation of cellulosic substrates by
Caldicellulosiruptor sp.“

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BluCon Biotech focusses on commercialization of a breakthrough technology to convert cellulosic or lignocellulosic feedstock to lactic acid by direct fermentation. Special extremophilic anaerobic bacteria, *Caldicellulosiruptor* species, have been discovered and improved to produce high levels of product from cellulose without adding externally produced enzymes. Both C6 and C5 sugars are converted equally well to product. The BluCon platform originates from Cologne and it is now being further developed by BluCon Biotech on Cologne Biocampus and in collaboration with technology partners in Europe and China.

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