



| Session                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Start-ups/SMEs looking for Finance: pre-seed/angel/seed funding |
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| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | B-COS we care about resilient plant production                  |
| Company                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | B-COS                                                           |
| Speaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Chiara Guidi                                                    |
| Keywords feedstock (max. 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Glucose                                                         |
| Keywords technology (max 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Precision fermentation                                          |
| Keywords End-Product (max 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Defined chitooligosaccharides                                   |
| <b>Abstract:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |
| <p>B-COS is a spin-off company of Ghent University (Belgium, incorporated in 2025). Our mission is to transform sustainable crop protection by unlocking the long-recognised potential of chitooligosaccharides (COS) as precise, scalable immune-priming agents. B-COS' patented platform technology overcomes the fundamental barriers that have prevented COS and other elicitors from reaching the agricultural market: inconsistent molecular profiles, unreliable field performance, and prohibitive costs. By producing COS molecules with &gt;99% precision in molecular profile, we enable targeted crop- and pathogen-specific immune activation to decrease overall disease severity in the field and enhance the performance of other plant protection products. The process is scaled to 150L scale, validated at several pilot plants in Europe. The products have shown strong performance both as biostimulants and as crop protection agents against fungal and nematode diseases (in the lab and on the field). The products can be easily incorporated in existing formulations and has an excellent shelf life and storability.</p> <p>We envision a future where defined COS elicitors are a cornerstone of next-generation integrated pest management, providing farmers with a reliable, low-cost immune-priming backbone as chemical pesticides are phased out. We aim to establish B-COS as a market leader in COS production, building a pipeline of tailored COS that safeguard yields and strengthen Europe's agricultural resilience.</p> <p>To achieve this vision, B-COS is raising €2.5M in seed funding to scale production, further validate product performance in the field, and establish its first strategic partnerships.</p> |                                                                 |