



| Session                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Start-ups/SMEs looking for Finance: Series A and Series B/C Funding |
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| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unlocking the power of encapsulated dsRNA in Agriculture            |
| Company                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SenseUP GmbH                                                        |
| Speaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Georg Schaumann                                                     |
| TRL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TRL 4 - 7                                                           |
| Keywords feedstock (max 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Renewable resources                                                 |
| Keywords technology (max 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Precision fermentation                                              |
| Keywords End-Product (max 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dsRNA biopesticides                                                 |
| <b>Abstract:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                     |
| <p>SenseUP has developed a proprietary double-stranded RNA (dsRNA) technology that enables the precise and highly effective control of pests, diseases, viruses, and other plant pathogens and animal parasites, while avoiding the risk of off-target effects and eliminating concerns associated with chemical residues.</p> <p>As a spin-off of Forschungszentrum Jülich, the renowned German Biotechnology Institute, we have a strong foundation in scientific excellence.</p> <p>With our deep expertise and patented technologies, we utilise a <i>Corynebacterium</i>-based fermentative platform for the affordable and scalable production of encapsulated dsRNA.</p> <p>At the core of this innovation is our precision platform. Beyond identifying and developing the optimal RNA-based active ingredient for each target, we address the key challenges that have historically limited the broader adoption of RNA-based crop protection technologies. The platform delivers outstanding efficacy while enhancing product stability during storage, ensuring batch-to-batch consistency, and enabling efficient delivery under real-world field conditions.</p> <p>In essence, SenseUP provides a scalable, commercially viable solution that gives farmers access to a new generation of precision biocontrol tools. By combining superior performance, cost-effectiveness, and environmental sustainability, the technology empowers growers to manage crop protection challenges more effectively, without compromising productivity, profitability, or ecological.</p> |                                                                     |