



THE TRANSFORMATIVE
POWER OF OIL PALM



**OIL
PALM**
Conference

THE TRANSFORMATIVE POWER OF OIL PALM

CONFERENCE:

Biofertilizers impacts and challenges in oil palm.



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SESIÓN 2
SUSTAINABLE CROP
MANAGEMENT

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Co-founder of the Nucleus for the Development of Biological Inputs for Agriculture (NUDIBA) with 25 years of experience in the field of agricultural microbiology. . He has written high -impact scientific articles, pre-technological products, social technologies and two patents based on microbial processes for agricultural systems. The current focus is on the development of biotechnological initiatives that propose a new generation of biologically based inputs (biofertilizers, biostimulants and microbial inoculants) for the sustainable production of agroecosystems.

His scientific career has focused on understanding beneficial interactions between bacteria and plants. He pioneered the description of the process of infection and colonization of grasses by diazotrophic endophytic bacteria and has been involved in the research and ecology of beneficial microorganisms. He is co-author of a patent for a process combining beneficial bacteria and humic substances and has written extensive scientific literature on the subject in close collaboration with Prof. Luciano Canellas. He has been a member of the INCT for Biological Nitrogen Fixation since 2006 and CAPES advisor in Agronomy I and is currently deputy coordinator with a mandate from 2018 to 2022.

Graduated in Agronomy Engineering from the Federal University of Viçosa (1989) and a Ph.D. in Agronomy (Soil Science with an emphasis on Soil Microbiology and Biochemistry) from the Federal Rural University of Rio de Janeiro (1997).