

Esta disciplina tece sobre a teórica e conceitos de técnicas de biotecnologia aplicada à produção de metabólitos especiais da madeira, bem como modificação dos constituintes da parede celular, como lignina, celulose e hemicelulose e xilogênese. A caracterização de genes que expressam proteínas, enzimas importantes no crescimento celular, na biossíntese de substâncias da parede celular e dos metabólitos especiais, dará subsídios aos estudantes a desenvolverem pesquisas nesta área de conhecimento científico.

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