

Winners of the COLAOB 2025

**MARCOS PINOTTI AWARD - BEST STUDENT RESEARCH AWARD**

(1176583) Surface texturing of  $\beta$ -tricalcium phosphate/BG S53P4 composite using ultrashort-pulsed laser

Rodrigo Luiz Moraes Saldanha Oliveira, Eliandra de Sousa Triches, Wilhelm Pfleging , Dayane Batista Tada

Presenter/winner: Rodrigo Luiz Moraes Saldanha Oliveira, PhD student - Bioceramics Laboratory, ICT-UNIFESP, São José dos Campos, SP, Brazil

**"MARCOS PINOTTI" AWARD – Honorable Mention**

(1132325) Surface Functionalization of Kombucha Bacterial Cellulose for Biomedical Applications

Thaís Soares de Góes, Alain Dufresne, Daniel Komatsu, Aparecido Junior de Menezes

Presenter/winner: Thaís Soares de Góes - Federal University of São Carlos, campus Sorocaba, Sorocaba, Brazil

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***YOUNG INVESTIGATOR Poster Award - In Vitro Models/Springer Nature - Best Undergraduate Poster***

(1145125) Modeling Neurodegeneration in 3D: A Spheroid-Based Approach to Alzheimer's Disease

Luiza de Andrade Giraldi, Geisa Rodrigues Salles, Cristina Pacheco Soares

Presenter/winner: Luiza de Andrade Giraldi - Research & Development Institute, Universidade do Vale do Paraíba, São José dos Campos, São Paulo, Brazil

**Honorable Mention**

(1145388) Metrological Analysis of the Antitumor Potential of Silver Nanoparticles in Osteosarcoma Cells

Lilian Pinto Mamede, Wanderson de Souza, Celso Barbosa de Sant'Anna Filho, José Mauro Granjeiro

Presenter/winner: Lilian Pinto Mamede - Laboratory of Eukaryotic (Labio), National Institute of Metrology, Quality and Technology (INMETRO), RJ, Brazil

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***YOUNG INVESTIGATOR Poster Award - In Vitro Models/Springer Nature – Best Graduate Poster***

(1118628) GelMA-Based Hydrogel for Brain Microvasculature Construction

Gabriela Gomes da Silva, Marcio Henrique Melo da Luz, Rodolpho Fagundes Correa, Victor Marchiori de Souza, Marimélia Aparecida Porcionatto, Ângela Maria Moraes, Lucimara Gaziola de la Torre

Presenter/Winner: Gabriela Gomes da Silva - Department of Engineering of Materials and of Bioprocess, School of Chemical Engineering, University of Campinas, Av. Albert Einstein, 500, 13083-852, Campinas, SP, Brazil

**Honorable Mention**

(1099141) Spheroid Cell Culture System as an Alternative Preclinical Model to the Use of Animals: Application in the RPT11m Anti-Tumoral Assay Platform

Ana Paula Gregório Alves Fontão, Andre Luiz Franco Sampaio, Wanise Borges Gouvea Barroso

Presenter/Winner: Ana Paula Gregório Alves Fontão - - Laboratório de Farmacologia Molecular/Farmanguinhos/Fiocruz, Rio de Janeiro, Brazil