



Preliminary list of selected abstracts for oral presentation

(updated September 25, 2023)

CODE	EXPOSITOR	TITLE
O-01	Ângela Maria Moraes	COMPOSITE FILMS OF GELLAN GUM, FIBROIN, CARBOXYMETHYL CHITOSAN AND BIOGLASS AS POTENTIAL SKIN WOUND DRESSINGS
O-02	Katherina Fernandez	GRAPHENE OXIDE REDUCTION BY DOPAMINE
O-03	Taynah Pereira Galdino	CHITOSAN NANOPARTICLES WITH RUTIN AS A POTENTIAL THERAPEUTIC SYSTEM IN THE TREATMENT OF COVID-19.
O-04	Maria Lorena Gomez	ANTIMICROBIAL ANTIBIOTIC-FREE DRESSINGS FOR WOUND HEALING OBTAINED BY PHOTOPOLYMERIZATION
O-05	Gabriel Clem Albuquerque Sasdelli	POLYVINYL ALCOHOL MATS CROSSLINKED WITH CITRIC ACID FOR REGENERATIVE MEDICINE APPLICATIONS
O-06	Rachel Magnago	NANOCAPSULES BASED ON POLYCAPROLACTONE-TRIOL-BASED POLYURETHANE FOR A DRUG DELIVERY SYSTEM
O-07	Emilio Satoshi Hara	CELL MEMBRANE AS A POTENTIAL CELL-FREE THERAPEUTIC FOR RAPID BONE TISSUE ENGINEERING
O-08	Melina Hankovits	MAGNESIUM ALLOY (AZ91) FUNCTIONALIZATION WITH SILICA-GENTAMICIN NANOPARTICLES FOR BIODEGRADABLE IMPLANTS
O-09	Sara Feldman	OSTEOGENIC EFFECT OF COMPOSITE NANOFIBROUS SCAFFOLDS WITH OSTEOSTATIN
O-10	Paula A. Zapata	FABRICATION AND ASSESSMENT OF FUNCTIONAL POLYCAPROLACTONE/STARCH/CAO SCAFFOLDS FOR BONE TISSUE ENGINEERING APPLICATION
O-11	Taynah Pereira Galdino	CHITOSAN/JATROPHA MOLLISSIMA-BASED HEMOSTATIC DRESSINGS
O-12	Rosane Soares	GALACTOMANNAN-BASED HYDROGEL AS NANOCARRIER OF A-BISABOLOL FOR WOUND HEALING APPLICATION
O-13	Daniel Canales Arevalo	BIOLOGICAL EVALUATION OF ELECTROSPUN FIBERS BASED ON POLYACRYLONITRILE/CALCIUM OXIDE NANOCOMPOSITES AS A BIOACTIVE SCAFFOLD FOR BONE TISSUE ENGINEERING
O-14	Milton Flávio de Macedo	USE OF BIOMATERIALS IN REGENERATIVE MEDICINE – OUTPATIENT CELLULAR THERAPY – NEW PROTOCOLS AND EQUIPMENT
O-15	Isadora Spadrezano	ANTITUMORAL EFFICACY OF GOLD NANOPARTICLES WITH POLYPHENOLS IN BREAST CANCER AND METASTATIC CELLS IN VITRO
O-16	Diego Eterno de Oliveira Mendonça	PLA-BIOALSR GLASS COMPOSITE AS A CANDIDATE FOR BONE AND TENDINOUS REGENERATION APPLICATIONS
O-17	Jean Mendes Nascimento	CHILD ROBOTIC REHABILITATION SYSTEM WITH ASSESSMENT OF MUSCLE STRENGTH PROGRESSION
O-18	Cássia Priscila Cunha da Cruz	DEVELOPMENT OF RADIATION-INDUCED ALBUMIN-BASED NANOPARTICLES

O-19	Bruno Henrique Costa	PRODUCTION OF BIONANOCOMPOSITES OF CARBON AND DIETARY PROTEINS AS A PROMISING DRESSING MODULATOR OF INFLAMMATION IN BONE REPAIR
O-20	Maria A. Lopes	HYBRID STRUCTURES FOR ACHILLES' TENDON REPAIR
O-22	Sergio Martin Saldaña	NANOGEAL-BASED ADVANCED THERAPEUTIC FOR NOSE-TO-BRAIN DELIVERY TO TACKLE OXIDATIVE STRESS
O-23	Murilo Alison Vigilato Rodrigues	ULTRATHIN COLLAGEN AND GELATIN FIBERS: BENIGN SOLVENTS TO PRODUCE POTENTIAL BIOMIMETIC BIOMATERIALS BY SOLUTION BLOW SPINNING
O-24	Antonio Arleques Gomes	MICROFLUIDIC CIRCUIT APPLIED TO THE CONCENTRATION OF 18F FOR THE PRODUCTION OF RADIOPHARMACEUTICALS
O-25	Erika Costa Alvarenga	BIOGEL WITH PIEZOELECTRIC NANOPARTICLES AS OSTEOINDUCTIVE BIOMATERIAL
O-26	William Henrique Oliveira de Souza	STUDY OF POWDER METALLURGY TECHNIQUE FOR OBTAINING MG-ZN SYSTEM ALLOYS FOR BIOMEDICAL APPLICATIONS
O-27	Eduardo Bock	ALGORITHM FOR RECONSTRUCTION OF TIME SIGNALS AND ARTIFICIAL NEURAL NETWORKS FOR TAXONOMY OF THROMBI IN VENTRICULAR ASSIST DEVICES
O-28	Merari Tumin Chevalier	ELASTIN LIKE HYDROGELS FOR BRAIN REPAIR AFTER ICHEMIC STROKE
O-30	Paulo Soares	SYNERGISTIC EFFECT OF PEO-POLYMER HYBRID COATINGS WITH NANOPARTICLES INCORPORATION FOR IMPROVED TRIBOLOGICAL, BIOACTIVITY, AND BACTERICIDAL PROPERTIES ON TITANIUM IMPLANTS
O-31	Lais Caroline Souza e Silva	USE OF ALGINATE HYDROGEL TO IMPROVE GAIT IN ANIMALS WITH OSTEOARTHRITIS
O-32	Daniel Prada	HOMOGENISATION OF TITANIUM SCAFFOLDS USING MICROCT AND FEM
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O-34	Camila Lourdes Frosasco	BIOLOGICAL EVALUATION OF BIODEGRADABLE POLYMER (PLA/B-TCP) IMPLANTS FOR THEIR POTENTIAL APPLICATION IN BONE TISSUE ENGINEERING
O-35	Larissa Sabino dos Santos	PRODUCTION OF POLYCAPROLACTONE/CURCUMIN MEMBRANES AND ITS EFFECTIVENESS IN CELLS GROWTH, PH SENSITIVITY AND RELEASE OF CURCUMIN
O-36	Luís Alberto Loureiro dos Santos	DEVELOPMENT OF CALCIUM PHOSPHATE CEMENT COATINGS ON Ti6AL4V
O-37	Octavio Santiago	IN VITRO AND IN VIVO COMPATIBILITY OF ELASTIN-LIKE RECOMBINAMER-BASED HYDROGELS
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O-40	Rafael Palma	CHARACTERIZATION OF PECVD THIN DLC FILMS ON ALUMINUM SUBSTRATE AND CELL ADHESION TEST
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O-43	Henrique Nunes da Silva	EVALUATION OF CHITOSAN/N-ACETYL-D-GLUCOSAMINE SUTURE THREADS IN WOUND HEALING IN RAT SKIN (RATTUS NORVEGICUS)
O-44	Clara Soubelet	RHEOLOGICAL AND CURING PROPERTIES OPTIMIZATION ZRO2/BIOACTIVE GLASS NANOCOMPOSITE PHOTOCURABLE SLURRIES
O-45	Júlia Bünecker Cassel	HIGH STRENGHT INJECTABLE PRE-MIXED SILK FIBROIN/A-TRICALCIUM PHOSPHATE BONE CEMENT
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O-50	Giovanna do Espírito Santo	MANUFACTURE OF 3D BIOSILICA SCAFFOLDS FOR BONE TISSUE REPAIR: PHYSICAL-CHEMICAL EVALUATION
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O-52	Fabián Álvarez Carrasco	CHARACTERIZATION OF ELECTROSPUN FIBERS BY MEANS OF A HYPERELASTIC CONSTITUTIVE MODEL COUPLED TO ISOTROPIC DAMAGE.
O-53	Ângela Maria Moraes	ASSESSMENT OF IN VITRO CYTOTOXICITY OF DIFFERENT HYDROGEL FORMULATIONS AND CROSSLINKING SOLUTIONS AIMING AT 3D BIOPRINTING APPLICATIONS
O-54	Rachel Faverzani Magnago	POLYCAPROLACTONE TRIOL-BASED POLYURETHANE FILM EMBEDDED WITH CITRUS OILY: ANTIBACTERIAL AND UV-BLOCKER PROPERTIES
O-55	Patrícia Lima Falcão	ACTIVATION OF STAT-3 SIGNALLING BY UPREGULATION OF IL-6 AS POTENTIAL TARGET FOR DECREASING CLONOGENESIS OF RADIORESISTANT MDAMB-23
O-56	Alexis Wolfel	HIGH RESOLUTION VOLUMETRIC BIOPRINTING OF LARGE ENGINEERED TISSUES
O-57	Flavia Pedrini	UNLOCKING THE POTENTIAL OF POLY(L-CO-D,L-LACTIC ACID-CO-TRIMETHYLENE CARBONATE) FOR EXTRUSION-BASED 3D PRINTING
O-58	Guilherme Barbosa Lopes Jr	LARGE EDDY SIMULATION APPLIED TO REACH CRITICAL ZONES IN A CENTRIFUGAL BLOOD PUMP SIMULATION
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O-61	Korol, Ana Maria	BROWNIAN MOTION: AN APLICATION TO ANALYSE DIABETIC RED BLOOD CELLS
O-62	Eduardo Bock	WIRE ARC ADDITIVE MANUFACTURING USING CONTROLLED SHORT CIRCUIT
O-63	Pablo Antezana	LOADING OF CANNABIS SATIVA OIL EXTRACT ON HYDROGELS AND 3D PRINTED SCAFFOLDS FOR WOUND HEALING
O-64	Paulo Rosa	APPLICATION OF SUPERCRITICAL TECHNOLOGY IN THE PRODUCTION OF PLA FOAMS AND CETOPROFEN IMPREGNATION FOR CONTROLLED DRUG RELEASE
O-65	Bruna Nunes Teixeira	CELL INTERACTIONS WITH 3D PRINTING PLA/STRONTIUM-SUBSTITUTED HYDROXYAPATITE SCAFFOLDS FOR BONE TISSUE ENGINEERING APPLICATIONS
O-66	Viviana Moreno- Serna	BIOACTIVE HYBRID SCAFFOLDS OF POLYCAPROLACTONE/KEFIRAN CONTAINING CAO NANOPARTICLES OBTAINED FROM EGGSHELLS FOR BONE TISSUE ENGINEERING.
O-67	Helton José Wiggers	CHITOSAN-BASED ANTIBACTERIAL FILMS FOR BIOMEDICAL APPLICATION
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O-69	Claudia Larissa Viana da Silva	INFLUENCE OF HUMAN TYPE I COLLAGEN ON THE PERFORMANCE OF ANIMAL-FREE BIOINKS FOR 3D BIOPRINTING: A COMPARATIVE STUDY
O-70	Cecilia Zorzi Bueno	CHITOSAN FILMS LOADED WITH DIFFERENT ANTIBIOTIC-POLYMER NANOPARTICLES
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O-72	Bibiana Madeira Melo	BIOMIMETIC STICKER GELATIN-BASED HYDROGEL FUNCTIONALIZED BY PHENOLIC COMPOUNDS