



Prezados participantes do 3DBB,

Primeiramente, gostaríamos de agradecer-los pela participação intensa neste congresso que foi feito para vocês. Podemos dizer, baseados nas inúmeras manifestações que recebemos, que o evento foi um sucesso. E, assim, sentimos que cumprimos nossa missão. Sabemos também que há detalhes a serem corrigidos e melhorados. E faremos o possível para isso da próxima vez.

Estamos preparando os certificados para quem atendeu o mínimo de 75% do evento. A presença obrigatória na manhã de abertura será desconsiderada desta contabilidade, para aqueles que não tenham conseguido se registrar.

Enviaremos, em breve, um formulário para avaliação de cada participante, o que será importantíssimo para sabermos os pontos que funcionaram e aqueles que podem ser melhores.

Estamos também trabalhando também na organização da publicação dos resumos.

Um forte abraço a cada um,

Comissão Organizadora do 3DBB



Dear 3DDBB participants,

First of all, we would like to thank you for the intense participation in this congress that was made for you. We can say, based on the countless manifestations we received, that the event was a success. And so, we feel that we have fulfilled our mission. We also know that there are details to be corrected and improved. And we will do our best to do that next time.

We are preparing certificates for those who attended the minimum of 75% of the event. Mandatory attendance on the opening morning will be disregarded from this accounting for those who have failed to register.

We will soon send an evaluation form for each participant, which will be very important for us to know the points that worked and those that can be better.

We are also working on organizing the publication of abstracts.

A big hug to each one,

3DDBB Organizing Committee

Trabalhos premiados com menção honrosa /

Awarded works with honorable mention

Undergraduate's abstracts:

1st Position : **Elcio Malcher Dias Junior (UFPA)**

- ✓ Poly (ϵ -caprolactone): development of a rotary jet spinning system and synthesis of porous membranes

2nd Position: **Noelle Cardoso Zanini (UERJ)**

- ✓ Production of polymeric scaffolds by FDM from PHBV polymer reinforced with ZrO₂

3rd Position : **Rafaela Hartmann Kasper (Univ. Luterana do Brasil)**

- ✓ Development and evaluation of natural biomaterial made of chitosan for use as a bioink

Master's abstracts:

1st Position : **Bruna Borstmann Jardim Leal (UFRGS)**

- ✓ Development of a polycaprolactone scaffold functionalized with nanocapsules containing heparin for use as a vascular graft

1st Position : **Bruna Fernandes Antunes (Uniarara)**

- ✓ Synthesis and characterization of polymeric hydrogel based on corn starch by click chemistry reaction (diels alder) for application in regenerative medicine

1st Position : **Francisco Recco Torres (FFCLRP-USP)**

- ✓ Luminescent composite materials for 3D printing

Doctorate's abstracts:

- 1st Position: **José Cleveilton dos Santos (FOAr/UNESP)**
 - ✓ Surgical optimization using 3D print model for orbital fracture repair: A case report
- 2nd Position : **Marlos Eurípedes de Andrade Loiola (FOAr/UNESP)**
 - ✓ Planning and execution of orthodontic traction using a printed biomodel: Clinical case report
- 3rd Position : **Jordana Andrade Santos (UFG)**
 - ✓ A natural extracellular matrix hydrogel derived from decellularized bovine cornea: a new biomaterial for the development of 3D models
- 3rd Position : **Fernanda Stapenhorst França (UFRGS)**
 - ✓ Implantation of galantamine microparticles for reducing oxidative stress in spinal cord injury in rats

Pos-doctorate/Professionals' abstracts:

1st Position: **Guilherme Arthur Longhitano (CTI Renato Archer)**

- ✓ Functionalized nanotubular surfaces on Ti-6Al-4V ELI alloy cellular structures made by additive manufacturing

1st Position: **Karen de Souza do Prado (UFSCar - Campus de Sorocaba)**

- ✓ Influence of glycerol content on the mechanical properties of thermoplastic starch films produced by tape casting

3rd Position : **Erick de Freitas (Universidad Simón Bolívar)**

- ✓ Development and characterization of membranes based on chitosan/genipin-oil for biomedical applications