

2009 Research Days Abstract Form – Department of Ophthalmology – UNIFESP/EPM

2. SCIENTIFIC SECTION PREFERENCE (REQUIRED):

Review the Scientific Section Descriptions. Select and enter the two-letter Code for the one (1) Section best suited to review your abstract.

3. PRESENTATION PREFERENCE (REQUIRED) Check one:

- Paper
- Poster
- FAST Paper

4. The signature of the First (Presenting) Author (REQUIRED) acting as the authorized agent for all authors, hereby certifies that any research reported was conducted in compliance with the Declaration of Helsinki and the "UNIFESP Ethical Committee"

Scientific Section Descriptions (two-letter code):

- (BE) OCULAR BIOENGINEERING
- (CO) CORNEA AND EXTERNAL DISEASE
- (CA) CATARACT
- (EF) ELECTROPHYSIOLOGY
- (EP) EPIDEMIOLOGY
- (EX) EXPERIMENTAL SURGERY
- (GL) GLAUCOMA
- (LA) LABORATORY
- (LS) LACRIMAL SYSTEM
- (LV) LOW VISION
- (NO) NEURO-OPHTHALMOLOGY
- (OR) ORBIT
- (PL) OCULAR PLASTIC SURGERY
- (PH) PHARMACOLOGY
- (RE) RETINA AND VITREOUS
- (RS) REFRACTIVE SURGERY
- (RX) REFRACTION-CONTACT LENSES
- (ST) STRABISMUS
- (TR) TRAUMA
- (TU) TUMORS AND PATHOLOGY
- (UV) UVEITIS
- (US) OCULAR ULTRASOUND

Deadline: Oct 12, 2009

FORMAT:
Abstract should contain:

- Title**
- Author, Co-authors (maximum 6),**
- Purpose, Methods, Results,**
- Conclusion.**

Poster guidelines:
ARVO Abstract Book (1.10 x 1.70m)

9. FIRST (PRESENTING) AUTHOR (REQUIRED):

Must be the author listed first in abstract body.

- () R1 () R2 () R3 () PIBIC
- (X) PG0 () PG1 () Fellow () Technician

Last Name: OLIVEIRA

First Name: RENATO

Middle: SOUZA

Service (Sector): DEOC

CEP Number: 1598/07

5. ABSTRACT (REQUIRED):

Title Effects of Different Blood-Derived Preparations on cultured corneal cells

Author and Co-authors (maximum 6) Renato Souza Oliveira, Jose Alvaro Pereira Gomes, Luciene Barbosa

Purpose Compare growth factors and vitamin A and cell proliferation, migration and differentiation on a stem cell cultured model between autologous serum, umbilical cord serum and platelet release

Methods Cultured corneal epithelial cell will be incubated with the serum and will measure proliferation, migration and differentiation.

Growth factors and vitamin A will be measured by ELISA kit tests

Results in progress

Conclusion will be based on the results

Keywords autologous serum, corneal cells, growth factors