2007 Research Days Abstract Form – Department of Ophthalmology – UNIFESP/EPM

2. SCIENTIFIC SECTION PREFERENCE (RECUIRED) Review the Scientific section Descriptions, Select and enter the two -letter Code for the one (1) Section best sullied to review your abstract (RE)	1. FIRST (PRESENTING) AUTHOR (REQUIRED) Must be author listed first in body of abstract	
	()R1 ()R2 (X)R3 ()PG0 ()PG1 ()Esta	agiário () Tecnólogo () PIBIC
	Bottós, Juliana Mantovani	
3. PRESENTATION PREFERENCE (REQUIRED) Check one (1)	Last Name, First Middle	
(a) Paper	Retina and Vitreous	1937/06
(b) Poster	Service (sector)	№ CEP
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4. The signature of the First (Presenting) Author, (REQUIRED) acting as the	EFFECTS OF ANGIOTENSIN-CONVERTING ENZYME INHIBITOR AND ANGIOTENSIN II RECEPTOR ANTAGONIST IN DIABETIC RABBIT RETINA	
authorized agent for all authors, hereby	Juliana Bottós, Tatiana Helfenstein, Silvia Ihara, Francisco Fonseca, Verônica Lima,	
That any research reported was conducted in compliance with the Declaration of	Thatiana Orsi, Maurício Maia, Eduardo Rodrigues, Michel Farah	
Heisinki and the 'UNIFESP Ethical Committee"	Purpose: 1. To verify the effects of the angiotensin converting enzyme inh ibitor (ACE	
	quinapril and the angiotensin II receptor antagonist (ARA) olmesartan on retina of	
	hypercholesterolemic and diet-induced diabetic rabbits. 2. To present a new animal model i	

Scientific Section Descriptions (CR) OBBIT (PL) OCULAR PLASTIC SURGERY (RE) RETINA AND VITREOUS (NEE) COLOR PLASTIC SURGERY (NO) REGUSCIONATIVICOUS (TU) TUMORS AND PATHOLOGY (TU) TUMORS AND PATHOLOGY (TU) TUMORS AND PATHOLOGY (ST) STRAISING (CO) CORNEAL EXTERNAL DISEASE (CD) CORNEAL EXTERNAL DISEASE (CD)

Signature of Firs

Deadline: 29/10/2007

FORMAT: Abstract should contain: Title, Name of Authors, Name of other authors (maximum 6), Purpose, Methods, Results, Conclusions. Example: ARVO (1.10 x 1.70) Abstract Book EFFECTS OF ANGLOTENSIN-CONVERTING ENZYME INHIBITOR AND ANGLOTENSIN II RECEPTOR ANTAGONIST IN DIABETIC RABBIT RETINA Juliana Bottós. Tatitana Heffenstein, Silvia Ihar, Francisco Fonseca, Verônica Lima, Thatiana Orsi, Mauricio Maia, Eduardo Rodrigues, Michel Farah
Purpose: 1. To verify the effects of the angiotensin converting enzyme inh ibitor (ACEI) quinapil and the angiotensin II receptor antagonist (ARA) olmesartan on retina of hypercholesterolemic and diet-induced diabetic rabibits. 2. To present a new animal model for diabetic rabibits of the UNIFESP Ethical Committee. Diabetes and hypercholesterolemia were induced in New Zealand white male rabibits by a diabetogenic and cholesterol -rich diet with high -fathigh-sucrose diet feeding was maintained for 6 months. After 12 and 24 week period, the efficacy of the diabetic arabitis does were consequence with the UNIFESP Ethical Committee. Diabetes general chow were given ad dibitum. The high-fathigh-sucrose diet feeding was maintained for 6 months. After 12 and 24 week period, the efficacy of the diabet in inducing diabetes and hypercholesterolemia was examined by plasma glucose levels, plasma tol cholesterol, high-density lipoprotein (HDL) cholesterol and triglyceried. The rabibits were divided in foor groups. Groups II. III and IV received the biph-fathigh-sucrose diet. Animals belonging to group 1 (n=10) formed the control group, and group II (n=10) formed the untreated group. Animals from group II (n=10) received the olmesartan 5mg/kg/day orally added to the chow. Animals from group II (n=10) received the university were performed at the third and sixth month. The prevalence of microaneurysms in each retina was determined based on standard photographs, with radius equivalent to the diameter of the average optic disks (1500 microns), considering the area within 1500microns of the border of the optic disc. The number of microaneurysms was analyzed and the animals were graduated in a 2-bord R. S. Furtholeuses III (R=10) Received the phofile better at