LEF-5830 FISIOLOGIA E BIOQUÍMICA FITOPATOLÓGICA

2º Semestre de 2016

Prof. Sérgio F. Pascholati

Atividade n# 2 - RELATO DE TRABALHOS CIENTÍFICOS (RTC)

Objetivo: Proporcionar a aquisição de conhecimentos sobre o assunto a ser relatado, bem como a capacitação na seleção dos aspectos importantes de textos científicos.

Trabalho: ⇒ Cada aluno/aluna deverá relatar um trabalho científico (TEMPO MÁXIMO DE 15 MIN) a ser indicado na aula anterior pelo professor. Utilizar multimídia e o software PowerPoint.

⇒ Terminada a apresentação: o apresentador deverá entregar ao professor três questões referentes ao trabalho apresentado com as respectivas respostas.

Cronograma:

Dia	**Aluno**	**Trabalho Científico**
26/08	Arnaldo	E. Sánchez-Elordi, M. Vicente-Manzanares, E. Díaz, M.E. Legaz, C. Vicente. Plant–pathogen interactions: Sugarcane glycoproteins induce chemotaxis of smut teliospores by cyclic contraction and relaxation of the cytoskeleton. **South African Journal of Botany 105 (2016) 66–78.**
02/09	Bárbara	Alessandro Raiola, Vincenzo Lionetti, Ibrahim Elmaghraby, Peter Immerzeel, Ewa J. Mellerowicz, Giovanni Salvi, Felice Cervone, and Daniela Bellincampi. Pectin Methylesterase Is Induced in Arabidopsis upon Infection and Is Necessary for a Successful Colonization by Necrotrophic Pathogens. **MPMI Vol. 24, No. 4, 2011, pp. 432–440**.
09/09	**Não haverá aula**	
16/09	Cláudia	Shweta Panchal, Debanjana Roy, Reejana Chitrakar, Lenore Price, Zachary S. Breitbach, Daniel W. Armstrong and Maeli Melotto. Coronatine Facilitates *Pseudomonas syringae* Infection of Arabidopsis Leaves at Night. **Front. Plant**

		Sci., vol. 7, Article 880. June 2016 | (http://dx.doi.org/10.3389/fpls.2016.00880)
23/09	Arnaldo	Jamil Chowdhury, Marilyn Henderson, Patrick Schweizer, Rachel A. Burton, Geoffrey B. Fincher and Alan Little. Differential accumulation of callose, arabinoxylan and cellulose in nonpenetrated versus penetrated papillae on leaves of barley infected with *Blumeria graminis* f. sp. *hordei*. **New Phytologist (2014) 204: 650–660.**
30/09	Jorge	G. Ganapathy, D. Keerthi, R. Aswati Nair & Padmesh Pillai. Correlation of phenylalanine ammonia lyase (PAL) and tyrosine ammonia lyase (TAL) activities to phenolics and curcuminoid content in ginger and its wild congener, *Zingiber zerumbet* following *Pythium myriotylum* infection. **Eur J Plant Pathol (2016) 145:777–785**.
07/10	**Prova I**	
14/10	Bárbara	ANDREW J. KETTLE, JACQUELINE BATLEY, AURELIE H. BENFIELD, JOHN M. MANNERS, KEMAL KAZAN AND DONALD M. GARDINER. Degradation of the benzoxazolinone class of phytoalexins is important for virulence of *Fusarium pseudograminearum* towards wheat. **MOLECULAR PLANT PATHOLOGY (2015) 16(9), 946–962.**
21/10	Cláudia	Beatriz Ramos-Solano, Elena Algar, Francisco Javier Gutierrez-Mañero, Alfonso Bonilla, Jose Antonio Lucas, Daniel García-Seco. Bacterial bioeffectors delay postharvest fungal growth and modify total phenolics, flavonoids and anthocyanins in blackberries. LWT - Food Science and Technology 61 (2015) 437-443.
28/10	**Feriado**	
04/11	Jorge	Tomasz Warzecha, Edyta Skrzypek, Agnieszka Sutkowska. Effect of *Fusarium culmorum* infection on selected physiological and biochemical parameters of barley (*Hordeum vulgare* L.) DH lines. **Physiological and Molecular Plant Pathology 89 (2015) 62-69.**
11/11	**Atividade #3**	
18/11	**Prova II**	