

17th TMRC Opening Remarks and Welcome 5th Annual Meeting INCT-Biomedicine Universidade Federal do Ceará

Friday, March 22, 2013

08:30-9:00	Opening Remarks and Welcome 35 th Year of the International Research Program Between Federal University of Ceará and University of Virginia, VA Aldo AM Lima, Manassés C Fonteles and Richard L Guerrant – Overview, challenges and future
	17th TMRC Session 1: Tropical Medicine in the NE of Brazil Chair: Manassés C Fonteles
9:00-9:20	Outcomes of <i>Leishmania infantum</i> infection in Rio Grande do Norte Selma MB Geronimo – Universidade Federal do Rio Grande do Norte
9:20-9:40	IL-10 in the pathogenesis of visceral leishmaniasis Glória R. Monteiro - Universidade Federal do Rio Grande do Norte
9:40-10:00	Nutritional variables associated with the response of <i>Leishmania infantum</i> infection Bruna L Maciel – Universidade Federal do Rio Grande do Norte
10:00-10:20	Preeclampsia as a model for complex disease Leonardo C Ferreira - Universidade Federal do Rio Grande do Norte
10:20-10:40	Association between HTLV-1 and tuberculosis Edgar M Carvalho – Universidade Federal da Bahia
10:40-11:00	Coffee Break
	17th TMRC Session 2: The latest in <i>Helicobacter pylori</i> infection and diarrheal illnesses Chair: Selma MB Jerônimo
11:00-11:20	Ancestral origin and virulence markers of <i>H. pylori</i> strains and host genetic structure as predictors of gastric cancer Dulciene MM Queiroz – Universidade Federal de Minas Gerais
11:20-11:40	Virulence markers of <i>H. pylori</i> strains in Fortaleza Northeastern Brazil Lúcia LBC Braga - Universidade Federal do Ceará
11:40-12:00	Use of lysozyme-rich milk to fight diarrheal illnesses Elizabeth A Maga
12:00-13:30	Lunch
	17th TMRC Session 3: Guanylate cyclase drugs and guanylin Chair: Edgar M Carvalho
13:30-13:50	A new drug in the class of the guanylate cyclase stimulators? The pharmacological effects of 1-nitro-2-phenylethane Pedro JC Magalhães - Universidade Federal do Ceará
13:50-14:10	The guanylin revisited - what is new? Manassés C. Fonteles – INCT-Biomedicina & UECE

	17th TMRC Session 4: GWAS and Metabolome application for malnutrition & enteric infection Chair: Richard L Guerrant
14:10-14:30	A prospective double-cohort study on diarrheal diseases morbidity and growth development in children from Fortaleza, Ceará, Brazil Aldo AM Lima – Universidade Federal do Ceará
14:30-14:50	Application of Genome Wide Association Testing to malnutrition and enteric infection Patrick Concannon - University of Florida
14:50-15:10	Metabolome and new biomarkers for malnutrition, enteric infection and environmental enteropathy Jonathan R Swann – Reading University UK
15:10-15:30	Coffee Break
	17th TMRC Session 5: Enteric infections, malnutrition and enteropathy Chair: Aldo AM Lima
15:30-15:50	Modeling enteropathy and malnutrition as an infectious disease Richard L Guerrant – University of Virginia
15:50-16:10	Prevalence and virulence gene profiling of enteroaggregative <i>Escherichia coli</i> at Brazilian children: a case-control study Ila FN Lima – Universidade Federal do Ceará
16:10-16:30	The role of alanyl-glutamine supplementation against in vitro intestinal barrier function damage promoted by enteroaggregative <i>Escherichia coli</i> Alexandre H Bindá – Universidade Federal do Ceará
16:30-16:50	Diarrheal diseases and <i>Campylobacter jejuni</i> infections associated with reduced growth in Brazilian children: virulence genes and molecular diagnosis approach Josiane S Quetz - Universidade Federal do Ceará
16:50-17:10	Sodium bicarbonate treatment prevents the gastric emptying delay due to acute exercise in awake rats Armênio A Santos – Universidade Federal do Ceará
17:10-17:20	Announcements
	Free time
19:30	Speakers invited social event
13:30-17:00	Satellite symposium of the Post-graduation Program – Student's presentations
	17th TMRC Satellite Session 1: Oncology, inflammation and gastrointestinal tract Chair: Roberto Cesar Pereira Lima Jr.
13:30-13:50	Involvement of Toll-like receptor 2 and its adaptor protein MyD88 in the pathogenesis of irinotecan-induced intestinal mucositis Deysi Viviana Tenazono Wong
13:50-14:10	Protective effect of infliximab, an anti-TNF α antibody, and anakinra, an interleukine-receptor antagonist in the pathogenesis of ifosfamide-induced hemorrhagic cystitis. Caio Abner Vitorino G. Leite
14:10-14:30	Potential protective effect of Sylmarin on irinotecan-induced esatohepatitis in mice. Eudmar Marcolino de Assis Júnior
14:30-14:50	Protective effect the nitrosyl-ruthenium in gastric lesion for naproxen in mice - involvement of soluble guanylate cyclase (SGC) and katp channels Ana Paula Macedo Santana

14:50-15:20	<i>Artemisia vulgaris</i> ' smoke moxa stick improves wound healing in experimental pressure ulcer in mice Ricardo de Oliveira Lima
15:20-15:40	Protective Effect of Fucoidan, a P and L-Selectin Inhibitor, in Gastrointestinal Motility Disorders associated with Acute Pancreatitis in mice Ana Carla Da Silva Carvalho Dias
15:40-16:00	Coffee Break
	17th TMRC Satellite Session 2: Gastrointestinal motility Chair: Armênio A. Santos
16:00-16:20	Nutritional status, dyspeptic symptoms and ghrelin levels in patients with Crohn's disease-correlation with disease activity Kamila Maria Oliveira Sales
16:20-16:40	Acute Exercise Inhibits the Gastric Compliance in Anaesthetized Rats: Role of Neural Pathways Moisés Tolentino Bento da Silva
16:40-17:00	Effects of passive postural changes on gastric emptying of liquids in awake rats Camila Meirelles Silva

Saturday, March 23, 2013

	17th TMRC Session 6: Cognition, enteric and respiratory infections, malnutrition & metabolic syndrome Chair: Reinaldo B Oriá
09:00-09:20	Zinc supplementation for gut and brain development: insights from pre-clinical and clinical intervention Reinaldo B Oriá – Universidade Federal do Ceará
09:20-09:40	Intervention and Mechanisms of Alanyl-Glutamine for Intestinal Inflammation, Nutrition, and Enteropathy (IMAGINE): a randomized double-blind placebo-control dose-response trial of alanyl-glutamine in undernourished children Sean R Moore – University of Cincinnati, OH
09:40-10:00	Cognitive outcomes of early childhood enteric disease and malnutrition: early findings from the MALED study in Fortaleza, Brazil Rebecca J Scharf– University of Virginia
10:00-10:20	Coffee Break
	17th TMRC Session 7: Metabolic syndrome, Influenza and leprae Chair: Sean R Moore
10:20-10:40	Early childhood diarrhea and cardio-metabolic risk factors in adulthood Mark D Deboer – University of Virginia
10:40-11:10	A prospective randomized trial of antenatal influenza immunization in tropical South Asia Mark C Steinhoff, University of Cincinnati, OH
11:10-11:30	<i>Mycobacterium leprae</i> genotyping in a highly endemic area in Brazil: an intra-patient comparison by variable number tandem repeat typing Ligia Kerr - Universidade Federal do Ceará
11:30-12:00	Group meeting & discussions Adjourn

