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

Friday, March 22, 2013

08:30-08:50
Opening Remarks and Welcome
35th Year of the International Research Program Between Federal University of Ceará and University of Virginia. VA
Aldo AM Lima, Manasses C Fonseca and Richard L Guerant – Overview, challenges and future

17th TMRC Session II
Tropical Medicine in the NE of Brazil
Chair: Manasses C Fonseca

09:00-09:30
Outcomes of Leishmania infantum infection in Rio Grande do Norte
Selma MB Germonino – Universidade Federal do Rio Grande do Norte

09:20-09:40
IL-10 in the pathogenesis of visceral leishmaniasis
Glória R. Monteiro – Universidade Federal do Rio Grande do Norte

09:40-09:50
Nutritional variables associated with the response of Leishmania infantum infection
Bruna L Macel – Universidade Federal do Rio Grande do Norte

10:00-10:10
Preclepsa as a model for complex disease
Leonardo C Ferreira - Universidade Federal do Rio Grande do Norte

10:10-10:20
Association between HTLV-I and tuberculosis
Edgar M Carvalho – Universidade Federal do Bahia

10:40-10:50
Coffee Break

10:50-11:20
17th TMRC Session 23
The latest in Helicobacter pylori infection and gastrointestinal disease
Chair: Selma MB Jardimino

11:00-11:20
Anomalous origin and virulence markers of H. pylori strains and host genetic structure as predictors of gastric cancer
Dulcine M M Queiroz – Universidade Federal de Minas Gerais

11:20-11:40
Virulence markers of H. pylori strains in Fortaleza Northeastern Brazil
Lucia LBC Braga - Universidade Federal do Ceará

11:40-11:50
Use of butyrylcholine-rich milk to fight diarrheal illnesses
Elizabeth A Maga

12:00-12:30
Lunch

13:40-13:50
A new drug in the class of the guanylate cyclase stimulants? The pharmacological effects of 1-nitro-2-phenylethylamine
Pedro RO Magalhães - Universidade Federal do Ceará

13:50-14:00
The guanylin resistin - what is new?
Manasses C. Fonseca – INCT-Biomedicina & UECV

14:00-14:30
17th TMRC Session 6: GWAS and Metabolome application for malnutrition & enteric infection
Chair: Richard L Guerant

A prospective double-cohort study on diarrhoeal diseases morbidity and growth development in children from Fortaleza, Ceará, Brazil
Aldo AM Lima – Universidade Federal do Ceará

Application of Genome Wide Association Testing to malnutrition and enteric infection
Patrick Concanos - University of Florida

Metabolome and new biomarkers for malnutrition, enteric infection and environmental enteropathy
Jonathan R Swamin – Reading University UK

14:30-14:50
Coffee Break

14:50-15:20
17th TMRC Session 5:
Enteric infections, malnutrition and enteropathy
Chair: Aldo AM Lima

Modeling enteropathy and malnutrition as an infectious disease
Richard L Guerant – University of Virginia

Prevalence and virulence gene profiling of enteropathogenic Escherichia coli in Brazilian children: a case-control study
Ib FN Lima – Universidade Federal do Ceará

The role of alanine-glutamine supplementation against in vitro intestinal barrier function damage promoted by enteropathogenic Escherichia coli
Alexandre H Binda – Universidade Federal do Ceará

Diarrhoeal diseases and Campylobacter jejuni infections associated with reduced growth in Brazilian children: virulence genes and molecular diagnostic approach
Josiane S Queiroz - Universidade Federal do Ceará

Sodium bicarbonate treatment prevents the gastric emptying delay due to acute exercise in awake rats
Armúno A Santos – Universidade Federal do Ceará

15:20-15:30
Announcements

15:30
Free time

15:30-16:00
Speakers invited social event

16:00-17:00
Satellite symposium of the Post-Graduation Program – Student’s presentations

17th TMRC Satellite Session 11: Oncology, inflammation and gastrointestinal tract
Chair: Roberto Cesar Pereira Lima Jr.

Involvement of Toll-like receptor 2 and its adaptor protein MyD88 in the pathogenesis of Iritansibeen-induced intestinal mucositis
Deyci Viviana Tenazoa Wong

Protective effect of inflaxinol, an anti-TNFalpha antibody, and anakinira, an interleukin-1 receptor antagonist in the pathogenesis of Histoplasma-induced hemorrhagic cysts.
Caio Abner Vitorino G. Leite

Potential protective effect of Selinarin on iritansibeen-induced enteritis in mice.
Estênio Marcozim de Assis Junior

Protective effect of nitrosoyl- ruthenium in gastric lesion for naproxen in mice - involvement of soluble guanylate cyclase (SGC) and katp channels
Ana Paula Maseco-Santos

16:30-17:00
17th TMRC Satellite Session 2: Gastrointestinal motility
Chair: Armein A. Santos

16:30-16:35
Nutritional status, dyspeptic symptoms and ghrelin levels in patients with Crohn’s disease-correlation with disease activity
Kamila Maria Oliveira Sales

16:35-16:40
Acute Exercise Inhibits the Gastric Compliance in Anaesthetized Rats: Role of Neural Pathways
Moses Tolentino Bento da Silva

16:40-16:45
Effects of passive postural changes on gastric emptying of liquids in awake rats
Camila Meirelles Silva

17th TMRC Satellite Session 3: Cognition, enteric and respiratory infections, malnutrition & metabolic syndrome
Chair: Reinaldo B Orsi

09:00-09:30
Zinc supplementation for gut and brain development: insights from pre-clinical and clinical intervention
Reinaldo B Orsi – Universidade Federal do Ceará

10:10-10:40
Intervention and Mechanisms of Alanine-Glutamine for Intestinal Inflammation, Nutrition, and Enteropathy (IMAGE): a randomized double-blind placebo-controlled dose-response trial of alanine-glutamine in undernourished children
Sean R Moore - University of Cincinnati, OH

10:40-11:00
Cognitive outcomes of early childhood enteric disease and malnutrition: early findings from the MALED study in Fortaleza, Brazil
Rebecca J Scharf - University of Virginia

11:00-11:30
Coffee Break

11:30-12:00
17th TMRC Session 7: Metabolic syndrome, Influenza and leprosy
Chair: Sean R Moore

11:30-11:45
Early childhood diarrhoea and cardio-metabolic risk factors in adulthood
Mark D Deboer – University of Virginia

11:45-12:00
A prospective randomized trial of antenatal influenza immunization in tropical Brazil
Mark C Steinhoff, University of Cincinnati, OH

11:30-11:45
Mycobacterium leprae genotyping in a highly endemic area in Brazil: an intra-patient comparison by variable number tandem repeat typing
Ligia Kerr - Universidade Federal do Ceará

11:45-12:00
Group meeting & discussions

Adjourn

Saturday, March 23, 2013

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