

Scientific Program

XIII Pathology Meeting of Hospital A.C. Camargo

III International Meeting on Investigative Pathology

August 04th to 07th, 2010

Hospital A.C. Camargo - São Paulo, SP, Brazil

Scientific Board

- 1- Fernando Augusto Soares (SP)
- 2- Dirce Carraro (SP)
- 3- Helenice Gobbi (MG)
- 4- José Carlos Morais (RJ)
- 5- José Vassalo (SP)
- 6- Luiz Antonio Rodrigues de Freitas (BA)
- 7- Luiz Fernando Bleggi Torres (PR)
- 8- Maria Dirlei Begnani (SP)
- 9- Rafael Malagoli Rocha (SP)
- 10- Venâncio Avancini Ferreira Alves (SP)

August 04, 2010 - Wednesday

8:15 - 8:45 Registration

8:45 Opening: Prof. Ricardo Renzo Brentani, President, Antonio Prudente Foundation, São Paulo, Brazil

9:00 Part I: Mechanisms of tissue repair, cell differentiation and tumor progression

9:00 Cell therapy based strategies for ischemic myocardial repair - José Eduardo Krieger, INCOR, São Paulo, Brazil

9:30 Risk changing polymorphisms and

germinative mutations of gene TP53 and the Li-Fraumeni syndrome - Maria Isabel Achatz, Hospital A.C. Camargo, São Paulo, Brazil.

10:00 Relationship between DNA repair proteins and the main prognostic factors in breast cancer - Rafael Malagoli Rocha, Hospital A.C. Camargo, São Paulo, Brazil

10:30 Coffee break - Visit to posters

11:15 Oral presentation: first selected paper

11:30 Conference I: HER2 testing of breast cancer: a study from the patient's perspective - Bharat Jasani, School of Medicine, University of Cardiff, Wales, UK

12:15 Conference II: Novel molecular predictive markers for targeted chemotherapy: a scientific report on some exciting data emerging from translational research - John Bartlett, University of Edinburgh, Scotland, UK

13:00 Lunch

14:00 - 14:15 Oral presentation: second selected paper

14:15 - 15:45 Part II: Infectious diseases

14:15 Diagnosis of infectious agents using molecular methods on archival tissue - Sherif Zaki, CDC, Atlanta, USA

15:00 Prion: possible therapeutic targets in tumors -

Vilma Regina Martins, Instituto Ludwig, São Paulo, Brazil

15:45 Conference III : Programmed cell death and cytoprotection - Rafael Linden, Federal University of Rio de Janeiro, Brazil

16:30 Coffee break –Visit to posters

17:15 Oral presentation: third selected paper

17:30 Conference IV: Update on diagnostic and therapeutic immunohistochemistry of the breast – David Dabbs, University of Pittsburgh Medical Center at Magee-Womens' Hospital, USA

August 05, 2010 – Thursday

8:30 Oral presentation: fourth selected paper

8:45 Part III: STEM CELLS

8:45 Stem cell therapy for systemic arterial hypertension - Valdo José Dias da Silva, Federal University of Triângulo Mineiro, Uberaba, Minas Gerais, Brazil

9:15 Research in embryonic stem cell therapy: state of the art in Brazil and in the world - Lygia V Pereira, Institute of Bioscience, USP, Brazil.

9:45 Cancer stem cells: knowns and unknowns, Richard P. Hill, University of Toronto, Canada

10:15 Coffee break –Visit to posters

11:00 Conference V: Viral carcinogenesis: the search for infectious agents in human cancer – Prof. Harald zur Hausen, German Cancer Research Center, Heidelberg, Germany.

12:00 Homage to Prof Zur Hausen, Prof. Ricardo Renzo Brentani

12:30 Lunch

13:45 Oral presentation: fifth selected paper

14:00 Part IV: What does an editor expect when he

opens his e-mail? Chairman: Fernando Augusto Soares, São Paulo, Brazil

14:00 The experience from the American Journal of Clinical Pathology (Mark Wick, USA)

14:20 The experience from the Brazilian Journal of Medical and Biological Research – (Roger Chammas, School of Medicine, USP, Brazil)

15:00 Conference VI: Pathology of influenza virus infections with emphasis of the new epidemic of influenza A, H1N1 – Sherif Zaki, CDC, Atlanta, USA

15:45 Oral presentation: sixth selected paper

16:00 Coffee break –Visit to posters

16:45 – 18:15 Part V: CARCINOGENESIS

16:45 Chemical carcinogenesis: from the bench to legal regulations – João Lauro Viana de Camargo, School of Medicine of Botucatu, UNESP, São Paulo, Brazil

17:15 Micro-RNAs: a new biomarker in human cancer - Gregory Tsongalis, The Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

17:45 Micro-RNA network in the control of initial phases of angiogenesis - Emanuel Dias-Neto, Hospital A.C. Camargo, São Paulo, Brazil

18:15 Conference VII: miRNAs network controlling early steps of angiogenesis - Emmanuel Dias-Neto, Hospital A.C. Camargo, São Paulo, Brazil

XIII Pathology Meeting of Hospital A.C. Camargo

August 06, 2010 – Friday

7:30 – 8:30 Registration

8:45 Opening: Irlau Machado, CEO, Hospital A.C. Camargo, São Paulo, Brazil

9:15 QA in emerging countries - Rafael M. Rocha, Hospital A.C. Camargo, São Paulo, Brazil

9:35 Challenges and solutions to standardization and quality assurance of diagnostic breast cancer biomarking - Bharat Jasani, School of Medicine, University of Cardiff, Wales, UK

10:10 Novel ISH approaches to HER2 diagnostics: a review of the NEQAS RING studies on HER2 testing using colorimetric ISH and FISH methods - John Bartlett, University of Edinburgh, Scotland, UK
10:45: Coffee break –Visit to posters

11:15 Conference I: Updates on the evaluation of predictive and prognostic factors in cancer - Craig Allred, Washington University School of Medicine, USA.

12:00 Conference II: Pseudosarcoma of the skin - Mark Wick, University of Virginia, USA

12:45 Lunch

14:00 Conference III: Epidemiology of infection and diseases caused by HPV - Luisa Lina Villa, Ludwig Institute, São Paulo, Brazil.

14:45 Conference IV: Carcinogenesis and HPV - Prof. Harald zur Hausen - German Cancer Research Center, Heidelberg, Germany

15:45 Conference V: Vulvar pathology: an update - Anais Malpica, M.D. Anderson Cancer Center, Houston, USA

16:30 Coffee break

17:00 Conference VI: K-ras mutation detection: looking at an old gene in a new way - Gregory Tsonalis, The Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

17:30 Slide seminar – Surgical Pathology
Anais Malpica (M.D. Anderson Cancer Center, Houston, USA)
Mark Wick (University of Virginia, USA)
Clóvis Pinto (Hospital A.C. Camargo, São Paulo, Brazil)
Louise de Brot (Hospital A.C. Camargo, São Paulo, Brazil)

18:30 Conference VII: Allred scoring system by itself: the establishment of scores and cut offs according to clinical evaluation of patients - Craig Allred, Washington University School of Medicine, USA

August 07, 2010 – Saturday

8:30 Conference VIII: Diagnostic dilemmas in pathology of the peritoneum - Anais Malpica, M.D. Anderson Cancer Center, Houston, USA

9:15 Neuroendocrine Tumors

9:15 Update in the diagnosis and treatment of neuroendocrine carcinoma - Riad Younes, Hospital A.C. Camargo/ Hospital Sírio Libanes, São Paulo, Brazil

9:55 Pathological aspects of neuroendocrine tumors - Mark Wick, University of Virginia, USA

10:45 Coffee break

11:15 Conference IX: Progression in cervical cancers: role of the tumor microenvironment - Richard P. Hill, University of Toronto, Canada

12:00 Conference X: Molecular Pathology: where are we headed. Gregory Tsonalis – The Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

12:45 Molecular classification of breast carcinomas and immunohistochemical surrogate markers. What have we learned? - David Dabbs, University of Magee, USA

13:00 Closing

Abstracts

Section 1: Special Papers Selected for Oral Presentation

First paper (Aug 4, Wednesday, 11h15): Viral factors induce hedgehog pathway activation in humans with viral hepatitis, cirrhosis, and hepatocellular carcinoma (**abstract # 44**)

Second paper (Aug 4, Wednesday, 14h00): The CALM/AF10 interactor CATS is a substrate of KIS, a positive regulator of cell cycle progression in leukemia cells (**abstract # 41**)

Third paper (Aug 4, Wednesday, 17h15): A genomic and transcriptomic integrated analysis in penile carcinoma (**abstract # 03**)

Fourth paper (Aug 5, Thursday, 8h30): FGFR2 gene expression discriminate desmoid-type fibromatosis from fibrosarcomas (**abstract # 28**)

Fifth paper (Aug 5, Thursday, 13h45): Raman spectroscopy applied to the diagnosis of breast cancer: biochemical classification, suitability for immunohistochemical studies and in vivo application (**abstract # 40**)

Sixth paper (Aug 5, Thursday, 15h45): Evaluation of the infection of CBA mice for *Leishmania amazonensis* and *Leishmania major* in the dermis of the ear (**abstract # 08**)

Abstracts

Section 2: Papers Selected for Poster Presentation

01
A dosagem sérica de Galectina-3 pode auxiliar na identificação de malignidade nos nódulos de tireóide

02
A expressão da proteína e de mRNA de MUC1 pode ajudar a diferenciar lesões tireoidianas com padrão folicular

04
An alternative Brazilian Nomogram for predicting breast cancer metastases in non sentinel lymph node when the sentinel node is positive

05
Análise da expressão protéica de marcadores de células-tronco tumorais em neoplasias ovarianas epiteliais

06

Analysis of cell surface carbohydrate expression of in situ ductal Carcinoma using lectin histochemistry and immunohistochemistry for p53

07
Avaliação da expressão de galectina-3 em carcinoma cervical com ou sem metástase linfonodal associado ao HPV

09
Avaliação do efeito da inibição da enzima ácido graxo sintase (FASN) pelo orlistate em modelo murino de colonização pulmonar (B16F10/C57BL6)

10
Baixa expressão de bcl-2 em carcinoma de células escamosas de laringe: associação com grau histológico

11
BubR1 immunostaining in benign and malignant oral lesions

12
Caspase expression in oral squamous cell carcinoma

13
Clinical, Ultrasound and Scintigraphic Parameters of Malignancy in Thyroid Nodule with a First Benign Cytologic Result – A Five Year Follow up

14
Desferrioxamine, an iron chelator, decreases mortality and parasitemia in *Trypanosoma cruzi* infected mice through direct action on parasite

15
Diagnostic contribution of the detection of the BRAFV600E mutation on fine needle aspiration specimens of thyroid nodules with indeterminate cytological findings.

16
Differences in AKT Pathway Detected by Digital Quantification of Protein Expression in Different Subtypes of Breast Cancer

17
Differential gene expression of IL1 β and KLK13 separate desmoid-type fibromatosis (DTF) from benign mesenchymal tumors

- 18**
Epidermal growth factor receptor (EGFR) gene amplification is not the cause of protein overexpression in penile carcinoma
- 19**
Epidermal growth factor receptor (EGFR) high expression rates associates with recurrence in penile cancer
- 20**
Epithelial-Mesenchymal Transition Protein Expression in Early Stage Breast Cancer
- 21**
Estudo morfológico das células mioepiteliais no desenvolvimento das glândulas salivares humanas: relação entre a maturação das células mioepiteliais e as fases da morfogênese glandular
- 22**
Evaluation of the prognostic value of peritumoral inflammatory response in patients with penile carcinoma.
- 23**
Evaluation of the prognostic value of TOP2A and survivin protein expression in sarcomas
- 24**
Evidências da resposta imunológica em Carcinomas Papilíferos da Tiróide: das características moleculares à determinação de perfil clínico patológico
- 25**
Experiência Clínica do Tratamento de Mieloma Múltiplo em uma Única Instituição Brasileira
- 26**
Development of nonalcoholic steatohepatitis and adenoma in inbred mice submitted to a high-fat diet
- 27**
Expression of cyclooxygenase-2 and p53 in neighboring invasive and *in situ* components of breast tumors
- 29**
Frutalin (FT), α -galactose-binding lectin from *A. incisa* (fruta pão, breadfruit). A new prostate carcinoma marker. Comparative study with galectin-3 in core biopsy evaluated also for basal cells with p63 and keratins.
- 30**
Geração e identificação de anticorpos monoclonais scFv contra células tumorais de tireóide
- 31**
A Role of p40 in the Course of the Infection Of C57BL/6 Mice With *Leishmania braziliensis*
- 32**
Avaliação da expressão das proteínas p53 e bcl-2 em carcinomas de laringe.
- 33**
Hipoexpressão de PTEN em neoplasias da mama com alterações polissômicas do cromossomo dez
- 34**
Impacto da associação de temozolamida à radioterapia na sobrevida de pacientes com gliomas malignos
- 35**
Implications of type and density of tumor inflammatory infiltrate in gastric carcinomas submitted to neoadjuvant therapy
- 36**
MGMT as a potential prognostic marker in breast cancer
- 37**
O6-methylguanine-DNA methyltransferase evaluated by immunohistochemistry: best practice for clinical and research assessment
- 38**
Pancreatic adenosquamous carcinoma of the pancreas: clinicopathologic review in 3 patients
- 39**
Psoriasin expression pattern and its correlation to clinical and pathological features in penile cancer
- 42**
The expression of cyclooxygenase-2 (COX-2) is higher in serous compared to mucinous borderline ovarian tumors and correlates with cell proliferation activity
- 43**
Trypsin x neuraminidase in lectin histochemistry: a biochemistry study of Lewy Bodies in Parkinson disease

- 45**
The human epidermal growth factor receptors in gastric carcinomas: a study using fluorescence in situ hybridization and immunohistochemistry
- 46**
Residual Cancer Burden of Breast Cancer After Neoadjuvant Chemotherapy: Study of 20 cases in A.C.Camargo Hospital using M.D.Anderson's Protocol
- 47**
Molecular markers for predicting progression of pure ductal carcinoma in situ of the breast
- 48**
A Sociologia Celular reflete a influência da expressão de proteínas neoplásicas na arquitetura do carcinoma papilífero da tireóide
- 49**
MMP9 immunohistochemical expression by Hodgkin-Reed-Sternberg cells as a prognostic marker in young patients with classical Hodgkin lymphoma
- 50**
A influência da expressão dos microRNAs miR15-a e miR16-1 na expressão de Bcl-2 em ceratocistos odontogênicos
- 51**
Characterization of the mechanisms of PLCG2 down-regulation in Wilms Tumor