

## Presentation selected posters

### Friday, September 12, 2008, 15:30 – 16:30 hrs

**Session:** 13 Neurosurgical topics/Neuroimaging/meningiomas  
**Room:** Auditorium  
**Time:** 15:30 - 16:30 hrs  
**Speaking time:** 3´+2´  
**Chair:** L.Bello (*Italy*), J.Piquer (*Spain*)

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P032

#### **Supratentorial ventricular tumors- a surgical perspective**

**S. I. Florian**<sup>1</sup>, C. I. Abrudan<sup>1</sup>, A. Oslobanu<sup>1</sup>, Z. Andrasoni<sup>2</sup>;

<sup>1</sup>Neurosurgical Department of the University of Medicine and Pharmacy Iuliu Hatieganu, Neurosurgical Department, Cluj-Napoca County Hospital, Cluj-Napoca, Romania, <sup>2</sup>Neurosurgical Department, Cluj-Napoca County Hospital, Cluj-Napoca, Romania.

P042

#### **Cerebral plasticity: new acquisitions gained from functional mapping of lesions in eloquent areas and their prognostic and therapeutic implications.**

**F. Signorelli**<sup>1</sup>, L. De Geronimo<sup>2</sup>, J. Guyotat<sup>3</sup>;

<sup>1</sup>Cattedra ed U.O. Neurochirurgia Università degli Studi di Catanzaro "Magna Græcia", Germaneto, Italy, <sup>2</sup>Cattedra ed U.O. Neurochirurgia, Università degli Studi di Catania, Catania, Italy, <sup>3</sup>Hôpital Neurologique et Neurochirurgical « P. Wertheimer », Lyon, France.

P044

#### **Pleomorphic Xanthoastrocytoma - Long-term results of surgical treatment of 34 cases**

**P. Gallo**<sup>1</sup>, **P. C. Cecchi**<sup>2</sup>, C. Ghimenton<sup>3</sup>, N. Schiavo<sup>3</sup>, G. Pinna<sup>4</sup>, C. Mazza<sup>1</sup>, M. Gerosa<sup>1</sup>, S. Turazzi<sup>1</sup>;

<sup>1</sup>Department of Neurosurgery, University Hospital, Verona, Italy, <sup>2</sup>Operative Unit of Neurosurgery, Regional General Hospital, Bolzano, Italy, <sup>3</sup>Service of Pathology, University Hospital, Verona, Italy, <sup>4</sup>Operative Unit of Neurosurgery, Hospital of Baggiovara, Modena, Italy.

P045

#### **Radiological surveillance following surgery for supratentorial meningioma: how often and for how long?**

**A. Hassani**, D. Scoones, N. Bradey, P. J. Kane;

James Cook University Hospital, Middlesbrough, United Kingdom.

P046

#### **Long term growth pattern of meningiomas**

**S. Nakasu**<sup>1</sup>, Y. Nakasu<sup>2</sup>, T. Fukami<sup>1</sup>, J. Jito<sup>1</sup>;

<sup>1</sup>Shiga University of Medical Science, Ohtsu, Japan, <sup>2</sup>Shizuoka Cancer Center, Mishima, Japan.

P049

#### **Parasagittal location as a bad prognosis factor in terms of recurrence and tumoral control for meningiomas.**

**J. Villard**, A. Pica, J. Bloch;

Centre hospitalier universitaire vaudois, Lausanne, Switzerland.

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P069

**Relative value of magnetic resonance spectroscopy, magnetic resonance perfusion, and 2-(<sup>18</sup>F)fluoro-2-deoxy-d-glucose positron emission tomography for detection of recurrence or grade increase in gliomas**

*I. Galeano<sup>1</sup>, R. Prat<sup>1</sup>, A. Lucas<sup>2</sup>, J. Martínez<sup>2</sup>, M. Martín<sup>3</sup>, R. Conde<sup>1</sup>, R. Amador<sup>4</sup>, L. Bataller<sup>5</sup>, G. Reynes<sup>3</sup>;*

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P073

**Thallium SPECT imaging of supratentorial primary brain tumours: How useful is it in routine clinical practice?**

*A. D. Kane, N. Brady, M. Richardson, D. Scoones, I. R. Chambers, P. J. Kane;*  
*James Cook University Hospital, Middlesbrough, United Kingdom.*

P075

**Usefulness of F-DOPA PET in the differentiation of recurrent glioma from radiation necrosis**

*F. Payer<sup>1</sup>, W. Wurm<sup>2</sup>, S. Weiss<sup>3</sup>, B. Zechner<sup>2</sup>, F. Fazekas<sup>2</sup>;*

<sup>1</sup>Neurooncology, Neuroradiology, Graz, Austria, <sup>2</sup>Neurology, Graz, Austria, <sup>3</sup>Neurooncology, Graz, Austria.

**Session: 14 Stem cells/molecular markers/cell biology**

**Room: Sala J**

**Time: 15:30 - 16:30 hrs**

**Speaking time: 3' + 2'**

**Chair: T.Siegal (Israel), T.Ribalta (Spain)**

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P117

**Analysis of GATA-6 Expression in Progression From Low Grade Glioma to Secondary Glioblastoma**

*G. Carrabba<sup>1</sup>, S. Agnithori<sup>2</sup>, D. Munoz<sup>2</sup>, S. Ehsani<sup>3</sup>, D. Mukhopadhyay<sup>1</sup>, S. Croul<sup>3</sup>, A. Guha<sup>1,2</sup>;*

<sup>1</sup>Neurosurgery, Western Hospital, University of Toronto, Toronto, ON, Canada, <sup>2</sup>Arthur & Sonia Labatts Brain Tumor Center, HSCRI, University of Toronto, Toronto, ON, Canada, <sup>3</sup>Pathology-Neuropathology, Western Hospital, University of Toronto, Toronto, ON, Canada.

P107

**Identification of cancer stem cells in a mouse model of medulloblastoma and molecular comparison with normal neural stem cells**

*D. Corno<sup>1</sup>, B. Cipelletti<sup>1</sup>, M. Pala<sup>2</sup>, L. Politi<sup>1</sup>, A. Bulfone<sup>2</sup>, R. Galli<sup>1</sup>;*

<sup>1</sup>San Raffaele Scientific Institute, Milan, Italy, <sup>2</sup>Bio)flag, Pula (Cagliari), Italy.

P111

**EGFR expression identifies distinct populations of glioblastoma multiforme cancer stem cells with different tumorigenic potential**

*S. Mazzoleni, L. Politi, M. De Palma, R. Galli;*

*San Raffaele Scientific Institute, Milan, Italy.*

P118

**Similarities and deviations in microRNA signature of glial tumors, embryonic stem cells and neuronal progenitor cells**

*I. Lavon<sup>1</sup>, D. Zrihan<sup>1</sup>, M. A. Cohen<sup>1</sup>, B. Reubinoff<sup>1</sup>, O. Einstein<sup>1</sup>, T. Ben-Hur<sup>1</sup>, Y. Smith<sup>2</sup>, T. Siegal<sup>1</sup>;*

<sup>1</sup>Hadassah Hebrew University Hospital, Jerusalem, Israel, <sup>2</sup>Hebrew University, Jerusalem, Israel.

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P116

**Comparative study of gene expression and protein expression profiling in gliomas**

**O. Persson<sup>1</sup>**, U. Brynne<sup>2</sup>, F. Levander<sup>2</sup>, B. Widegren<sup>1</sup>, M. Krogh<sup>3</sup>, L. G. Salford<sup>1</sup>;

<sup>1</sup>Dept. of Neurosurgery, Lund University, Lund, Sweden, <sup>2</sup>Dept. of Protein Technology, Lund University, Lund, Sweden, <sup>3</sup>Dept. of Theoretical Physics, Lund University, Lund, Sweden.

P114

**Mutational profiling of the Glioblastoma Multiforme kinome**

**F. E. Bleeker<sup>1,2</sup>**, S. Lamba<sup>1</sup>, C. Zanon<sup>1</sup>, D. Troost<sup>3</sup>, T. J. Hulsebos<sup>3</sup>, W. P. Vandertop<sup>2</sup>, S. Leenstra<sup>4,5</sup>, A. A. Van Tilborg<sup>5</sup>, A. Bardelli<sup>1,6</sup>;

<sup>1</sup>IRCC, Candiolo, Italy, <sup>2</sup>Neurosurgical Center Amsterdam, Amsterdam, Netherlands, <sup>3</sup>Academic Medical Center, Amsterdam, Netherlands, <sup>4</sup>St. Elisabeth Ziekenhuis Tilburg, Tilburg, Netherlands, <sup>5</sup>Erasmus Medical Center, Rotterdam, Netherlands, <sup>6</sup>FIRC Institute of Molecular Oncology, Milan, Italy.

P102

**Risk potential of autologous mesenchymal stem cell transplantation in glioblastoma patients**

C. Schichor, E. Soballa, J. Tonn, **R. H. Goldbrunner**;

Dept. Neurosurgery, Munich, Germany.

P101

**N29 and N32 rat glioma models exhibit cancer stem cell properties**

**S. Gunnarsson<sup>1,2</sup>**, D. Bexell<sup>1,2</sup>, E. Visse<sup>1</sup>, L. G. Salford<sup>1</sup>, P. Siesjö<sup>1</sup>, J. Bengzon<sup>1,2</sup>, A. Darabi<sup>1</sup>;

<sup>1</sup>The Rausing Laboratory, Neurosurgery, Lund, Sweden, <sup>2</sup>Lund Strategic Research Center for Stem Cell Biology and Cell Therapy, Lund, Sweden.

P089

**Analysis of gene expression, genomic structure and promotor methylation status in high grade gliomas at diagnosis and at recurrence**

**W. A. Hall**, P. D. Kim, G. Canute;

SUNY Upstate Medical University, Syracuse, NY, United States.

**Session: 15 Pediatric brain tumors/Malignant glioma:second line treatments/Miscellanea**

**Room: Sala F**

**Time: 15:30 - 16:30 hrs**

**Speaking time: 3´+2´**

**Chair: S.Pfister (Germany), B.Baumert (The Netherlands)**

P001

**Hyperfractionated Accelerated Radiotherapy (HART) with Chemotherapy for Metastatic Medulloblastoma (MB): Preliminary report of the Children's Cancer and Leukaemia Group (CCLG) Study**

**R. E. Taylor<sup>1</sup>**, N. Boota<sup>2</sup>, S. Bujkiewicz<sup>2</sup>, J. Lucas<sup>2</sup>, K. J. Robinson<sup>2</sup>, K. Robson<sup>3</sup>, F. Saran<sup>4</sup>, A. Michalski<sup>5</sup>, B. Pizer<sup>6</sup>;

<sup>1</sup>South West Wales Cancer Centre, Swansea, United Kingdom, <sup>2</sup>Children's Cancer and Leukaemia Group, Leicester, United Kingdom, <sup>3</sup>Nottingham University, Nottingham, United Kingdom, <sup>4</sup>Royal Marsden Hospital, London, United Kingdom, <sup>5</sup>Great Ormond Street Hospital, London, United Kingdom, <sup>6</sup>Alder Hey Hospital, Liverpool, United Kingdom.

P002

**Sequential high-dose chemotherapy and reduced craniospinal irradiation in young children with metastatic medulloblastoma**

**C. Dufour<sup>1</sup>**, D. Couanet<sup>1</sup>, D. Figarella-Branger<sup>2</sup>, C. Carrie<sup>3</sup>, F. Doz<sup>4</sup>, C. Sainte-Rose<sup>5</sup>, M. Raquin<sup>1</sup>, A. Laplanche<sup>1</sup>, J. Grill<sup>1</sup>, C. Kalifa<sup>1</sup>;

<sup>1</sup>Gustave Roussy, Villejuif, France, <sup>2</sup>CHU, Marseille, France, <sup>3</sup>Léon Bérard, Lyon, France, <sup>4</sup>Curie, Paris, France, <sup>5</sup>Necker-Enfants Malades, Paris, France.

P003

**Medulloblastomas: clinico-pathologic review of 51 patients and disclosure of unsuspected AT/RT**

**M. Suñol**, O. Cruz, E. Rodriguez, V. Cusí, A. Guillen, M. Medina, N. Perez, J. Mora;  
Hospital St Joan de Deu, Esplugues de Llobregat, Barcelona, Spain.

P007

**Clinical and radiological correlation in children with newly diagnosed intrinsic brain stem gliomas treated with concurrent and adjuvant Temozolomide with radiotherapy: data from a prospective clinical trial**

**R. Jalali**, N. Raut, T. Gupta, B. Arora, P. Kurkure, D. Dutta, R. Sarin;  
Tata Memorial Hospital, Mumbai, India.

P011

**Long-Term Survivors of a Systemic and Intraventricular Chemotherapy With Deferred Radiotherapy in Primary Central Nervous System Lymphoma**

**A. Juergens<sup>1</sup>**, H. Pels<sup>1</sup>, S. Rogowski<sup>1</sup>, H. Schulz<sup>2</sup>, H. Reichmann<sup>3</sup>, M. Vogt-Schaden<sup>4</sup>, I. G. H. Schmidt-Wolf<sup>5</sup>, U. Schlegel<sup>1</sup>;

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P055

**Nimustine (ACNU) plus teniposide (VM26) in recurrent glioblastoma**

M. Glas<sup>1</sup>, T. Hundsberger<sup>2</sup>, M. Stuplich<sup>1</sup>, D. Wiewrodt<sup>3</sup>, **D. Kurzwelly<sup>1</sup>**, B. Nguyen-Huu<sup>4</sup>, K. Rasch<sup>1</sup>, U. Herrlinger<sup>1</sup>;

<sup>1</sup>Clinical Neurooncology Unit, University of Bonn, Bonn, Germany, <sup>2</sup>Dept. of Neurology, Kantonspital St. Gallen, St. Gallen, Switzerland, <sup>3</sup>Dept. of Neurosurgery, University of Mainz, Mainz, Germany, <sup>4</sup>Dept. of Neurology, University of Mainz, Mainz, Germany.

P056

**Combination of bevacizumab and irinotecan for recurrent malignant gliomas: a retrospective study of efficacy and safety**

**M. Martinez Garcia<sup>1</sup>**, G. Reynes<sup>2</sup>, C. Balaña<sup>3</sup>, C. Fernandez Chacon<sup>4</sup>, M. Benavides<sup>5</sup>, P. Perez Segura<sup>6</sup>, A. Herrero<sup>7</sup>, A. Garcia Velasco<sup>8</sup>, X. Perez Martin<sup>1</sup>, M. Gil Gil<sup>1</sup>;

<sup>1</sup>Instituto Catalan de Oncologia (H. Duran y Reynals), L'Hospitalet, Spain, <sup>2</sup>H. La Fe, Valencia, Spain, <sup>3</sup>Instituto Catalan de Oncologia (H. German Trias i Pujol), Badalona, Spain, <sup>4</sup>MDMAnderson, Madrid, Spain, <sup>5</sup>H. Carlos Haya, Malaga, Spain, <sup>6</sup>H. Clinico San Carlos, Madrid, Spain, <sup>7</sup>H. Miguel Servet, Zaragoza, Spain, <sup>8</sup>Instituto Catalan de Oncologia (H. Trueta), Girona, Spain.

P061

**Rechallenge With Temozolomide in Recurrent Gliomas**

A. Wick<sup>1</sup>, C. Pascher<sup>2</sup>, W. Wick<sup>1</sup>, M. Weller<sup>3</sup>, U. Bogdahn<sup>2</sup>, **P. Hau<sup>2</sup>**;

<sup>1</sup>Neurooncology, University of Heidelberg, Heidelberg, Germany, <sup>2</sup>Neurology, University of Regensburg, Regensburg, Germany, <sup>3</sup>Neurology, Universitätsspital Zürich, Zürich, Switzerland.

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P015

**“Nitrosourea-based chemotherapy for low grade gliomas failing initial treatment with temozolomide.”**

**M. A. Sierra del Rio**, G. Kaloshi, F. Ducray, A. Idhah, F. Laigle-Donadey, S. Taillibert, A. Omuro, M. Sanson, J. Y. Delattre, K. Hoang-Xuan;  
APHP, Department of Neurology Mazarin, Hôpital de la Pitié Salpêtrière, Paris, France.