



PACA
Canceropole
PROVENCE ALPES CÔTE D'AZUR

Brain Metastases Emerging Therapeutic Strategies and Opportunities for Basic and Translational Research

September 16 & 17, 2011, Marseille, France

Amphithéâtre Marseille Provence Métropole
Les Jardins du Pharo, Marseille

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Henry Dufour, Philippe Métellus, APM & Anthony Gonçalves, IPC

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71 boulevard Charles Livon, 13007 Marseille
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Venue

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Introduction

Approximately 20% of patients with cancer develop brain metastases. Some evidence indicates that as techniques for treating systemic tumors improve, the incidence of brain metastases, sequestered as they are behind the blood-brain barrier, is increasing.

Indeed, the brain is regarded as a sanctuary site for metastatic tumor cells where they exist partially protected from drugs by the blood-tumor barrier. Model systems for brain metastasis is an emerging area of interest in organ-specific metastasis research and are now yielding mechanistic insights into the roles of angiogenesis, energy metabolism, growth factors signaling pathways, and dormancy.

The diagnostic and therapeutic approach depends on the number and location of brain lesions and the stage of the primitive cancer. Patients with brain metastases are rarely cured. However, appropriate treatment can improve both the quality and duration of the patient's life. Treatment management of brain metastasis is constantly evolving and emerging therapeutic strategies associating novel radiation therapy protocol and new pharmacologic agents are booming in the literature, which witnesses a massive interest in this research area.

In order to make a point on the latest advances and researches in this promising field, Canceropôle PACA gather during this specific thematic meeting the best world known specialists of the domain under the direction of Prof. Henry Dufour and Dr Philippe Métellus, from the Neurosurgery Department at the University Hospital La Timone in Marseille.

Pr Henry Dufour & Dr Philippe Métellus



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Scientific program

Friday September 16, 2011

- 07.45 Welcome to participant - Coffee
- 08.20 Welcome Address, *Henry Dufour & Christian Chabannon*
- 08.30 Introduction, *Philippe Métellus & Anthony Gonçalves*
- 09.00 **Opportunities for Basic and Translational Research**
CHAIRPERSONS: *Dominique Figarella-Branger & David Zagzag*
- 09.00 - 09.45 The biology and therapy of brain cancer metastasis, *Isaiah J. Fidler*
- 09.45 - 10.30 Hypoxia, angiogenesis and blood brain barrier, *David Zagzag*
- 10.30 Coffee break
- 10.45 **Surgical Management of Brain Metastases**
CHAIRPERSONS: *Daniele Rigamonti & Henry Dufour*
- 10.45 - 11.15 Surgical management of brain metastases: the place of local treatment, *Steven Brem*
- 11.30 **Radiosurgical Strategies**
CHAIRPERSONS: *Philippe Métellus & Deepak Khuntia*
- 11.30 - 12.00 Histological differences in outcomes of radiosurgical treatment of brain metastasis: a classification and tree analysis, *Daniele Rigamonti*
- 12.15 - 12.35 A Rationale for on demand radiosurgery, *Jean Régis*
- 12.45 Lunch break
- 14.30 **Radiotherapy**
CHAIRPERSONS: *Xavier Muracciole & Hidefumi Aoyama*
- 14.30 - 15.00 Role of Whole Brain Radiotherapy and Novel Strategies for Overcoming Neurocognitive Decline, *Deepak Khuntia*
- 15.15 - 15.45 Lessons from the EORTC Trial, *Riccardo Soffietti*
- 16.00 Coffee break
- 16.15 **Monitoring of Brain Metastases and Assessment of Therapeutic Response**
CHAIRPERSON: *Laëtitia Padovani & Daniele Rigamonti*
- 16.15 - 16.35 Lessons from primary tumors, *Olivier Chinot*
- 16.45 **Neurocognitive Function in Brain Metastases**
CHAIRPERSONS: *Deepak Khuntia & Agnès Richard-Tallet*
- 16.45 - 17.05 Is systemic anti-cancer therapy neurotoxic? Does «chemobrain» exist? And should we rename it? *Sophie Taillibert*
- 17.15 - 18.00 Neurocognitive decline WBRT vs. Intracranial progression, *Hidefumi Aoyama*
- 20.00 Gala dinner

Saturday September 17, 2011

- 08.30 **From Chemotherapy to Targeted Therapies Part 1**
CHAIRPERSONS: *Isaiah J. Fidler & Anthony Gonçalves*
- 08.30 - 09.00 New pharmacological agents in brain metastases from breast cancer: a comprehensive overview, *Nancy U. Lin*
- 09.15 - 09.35 Antiangiogenics in brain metastasis, *Benjamin Besse*
- 09.45 - 10.05 DNA Repair inhibition and tumor cell radiosensitization, *David Azria*
- 10.15 Coffee break
- 10.30 **From Chemotherapy to Targeted Therapies Part 2**
CHAIRPERSONS: *Nancy U. Lin & Fabrice Barlési*
- 10.30 - 10.50 Place of TKI in the management of brain metastases of lung cancer, *Antoine Carpentier*
- 11.00 - 11.20 Leptomeningeal brain metastasis, *Emilie Le Rhun*
- 11.30 **Clinical case studies: Interactive Session**
CHAIRPERSON: *Frédéric Dhermain & Jean-Philippe Spano*
- 12.45 Conclusion, *Philippe Métellus & Anthony Gonçalves*
- 13.00 Buffet lunch

FACULTY

Hidefumi Aoyama, Department of radiology, Niigata University, Niigata, Japan
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☐ Please send me accommodation information

Registration Fees

☐ Non-student	120 €	☐ Student	FREE
☐ Gala dinner	60 €	☐ Gala dinner (student)	30 €

Hotels

	Single Room	Single Room	
☐ Etap Hôtel Vieux Port	65 €	☐ Hôtel Mariette Pacha	87 €
☐ Newhotel Of Marseille	180 €		

Number of nights: from _____ to _____ 2011

Total due

☐ Registration € + ☐ Gala dinner €
 + ☐ Hotel € = €

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