

**Marco Pagani**  
**Curriculum Vitae et Studiorum**

**Address:**

Institute of Cognitive Sciences and Technologies  
National Research Council (CNR)  
Via Palestro 32  
00185 Rome, Italy  
C.F: PGNMRC58L21L219M

tel: +39-06-44362370-5  
fax: +39-06-44595243  
e-mail: marco.pagani@istc.cnr.it

**Biographic notes:**

Born in Turin, Italy, on July the 21<sup>st</sup> 1958.  
Place of residence: 195 Via Salaria, 00198, Rome, Italy. Tel : +393381043043.  
Separated and father of five children.

**Studies:**

**Ph.D. Thesis** at the Karolinska Institute of Stockholm, Sweden, entitled: "*Advances in Brain SPECT. Methodological and Human Investigations*". November **2000**.  
**Specialization in Emergency Surgery:** University of Rome "La Sapienza", Italy, with the thesis: "*Acute traumatic pathology of arterial epiaortic trunks*". Mark: **110/110 cum laude. 1991**  
**Degree in Medicine and Surgery:** University of Rome "La Sapienza", Italy, with the thesis: "*Emergencies in Crohn's disease*". Mark **110/110 cum laude. 1985**  
**Scientific High School Diploma:** Liceo L.Pasteur, Rome, Italy mark **54/60. 1977**

**International Awards:**

Winner of the **Francine Shapiro Award 2011** for the best 2010 scientific contribution in EMDR field for the paper: "**Grey matter changes in posterior cingulate and limbic cortex in PTSD are associated with trauma load and EMDR outcome**". *Nardo D, Högberg G, D, Looi J, Larsson SA, Hällström T, Pagani M.* J Psychiatr Res 2010; 44:477-485

Winner of the **Karolina Award 2000** for the best research contribution of the year at the Karolinska Hospital of Stockholm, Sweden for the paper: "**A novel phantom design for emission tomography enabling scatter- and attenuation-free single photon emission tomography imaging**". *Larsson SA, Jonsson C, Pagani M, Johansson L and Jacobsson H.* Eur J Nucl Med 2000; 27: 131-139

**Appointments:**

**2002-now:** Senior Researcher at the Institute of Cognitive Sciences and Technologies, CNR, Rome, Italy  
**2006-2007:** Four-months secondment at the European Science Foundation in Strasbourg, France, to produce methodological guidelines for ESF Forward Looks.  
**2005-2006:** Scientific Assistant Officer and Project Manager supporting the Department of Life Science of CNR, Rome, Italy  
**2001-2002:** Researcher at the Institute of Neurobiology and Molecular Medicine, CNR, Rome Italy  
**1991-2001:** Researcher at the Institute of Experimental Medicine, CNR, Rome, Italy  
**1987-1991:** Free Professional and grants from CNR, Italy  
**1985-1987:** Medical Officer at "Primo Battaglione Bersaglieri La Marmorata" of the Italian Army, Italy  
**1981-1987:** Resident and Specializing Fellow at the Institute of Emergency Surgery, University of Rome "La Sapienza", Rome, Italy

## European Project

Medical Coordinator for IMS-CNR for the telemedicine project: ARGONAUTA. **1997-2001**

## Memberships:

**2016-2017** Senior Member of the Neuroimaging Committee of EANM  
**2013-2015:** Chair of the European Neuroimaging Committee of the EANM  
**2009-2012:** Vice-Chair of the European Neuroimaging Committee of the EANM  
**1996-now:** Full Member of the European Society of Nuclear Medicine  
**1993-1999** Full Member of the Society of Nuclear Medicine

## Knowledge of languages:

**Italian** (mother tongue)  
**English:** (fluent)  
**Spanish:** (fluent)  
**Swedish :** (conversational)  
**French:** (conversational)  
**Japanese:** (basic)

## Courses attended:

**Cognitive Neuroscience I. Perception, attention, memory and language.** Dept of Clinical Neuroscience, Dept of Psychology, Karolinska Institute/ Stockholm University. Stockholm, Sweden, 3<sup>rd</sup>-14<sup>th</sup> April **2000**

**Alzheimer's Disease – clinical features and pathogenic mechanisms.** Div. of Geriatric Medicine, NEUROTEC, Karolinska Institutet, Huddinge University Hospital, Stockholm, Sweden, 15<sup>th</sup> -19<sup>th</sup> November, **1999**

**Nuclear Medicine- Physics and Techniques.** Lund University, Swedish Association for Nuclear Medicine and Swedish Association of Radiophysics. Lund, Sweden, 4<sup>th</sup> -8<sup>th</sup> October **1999**

**SPECT-CBF. Practical and Scientific Course I.** Department of Clinical Neuroscience, Division of Clinical Neurophysiology, Lund University. Lund, Sweden, 24<sup>th</sup> -25<sup>th</sup> January **1998**

## Educational Responsibilities:

**Co-supervisor** of the Ph.D. student **Irina Manouilenko** writing the thesis: *Autism Spectrum Disorders in adults – Biological Dimensions*. Philosophical Doctoral Thesis, Karolinska Institute, Stockholm, Sweden, **2013**

**Co-Supervisor** of the Ph.D. student. **Göran Högberg** completing his studies in 2008 with: **Högberg G. Results of Eye Movement Desensitization Reprocessing Treatment and Neurobiology in Post-traumatic Stress Disorder**. Philosophical Doctoral Thesis, Karolinska Institute, Stockholm, Sweden, **2008**

**Co-Supervisor** of the Ph.D. student **Ann Gardner** completing her studies in 2004 with: **Gardner A. Mitochondrial dysfunction and alterations of brain HMPAO SPECT in depressive disorder – Perspectives on origins of “somatisation”**. Philosophical Doctoral Thesis, Karolinska Institute, Stockholm, Sweden, **2004**

## Member of Editorial Board:

European Journal of Nuclear Medicine and Molecular Imaging  
The Open Nuclear Medicine Journal  
Frontiers in Medicine

### **Guest Editor**

Special Issue of the Quarterly Journal of Nuclear Medicine and Molecular Imaging on:  
PET in Neurodegenerative Disorders, Issue 58 December **2014**

Special Issue of the Quarterly Journal of Nuclear Medicine and Molecular Imaging on  
European Conference on Clinical Neuroimaging topics. December **2017**

### **Peer Reviewer for:**

Journal of Cerebral Blood Flow and Metabolism, Neurological Science, Journal of Affective Disorders, European Journal of Nuclear Medicine and Molecular Imaging, European Journal of Nuclear Medicine and Molecular Imaging Research, Current Alzheimer Research, Biological Psychiatry, Experimental Physiology, Journal of Nuclear Medicine, Neurobiology of Aging, Journal of Neurochemistry, Journal of Psychiatric Neuroscience, European Journal of Medical Physics, Psychological Medicine, Psychiatry Research Neuroimaging, Neuroimage, Quarterly Journal of Nuclear Medicine, Journal of Applied Physiology, European Archives of Psychiatry and Clinical Neuroscience, Journal of Neurology, Brain Topography, Journal of Alzheimer's Disease, Brain Structure and Function

### **Organisation of International Conferences**

Chair of the Scientific and Local Organizing Committee of the 4<sup>th</sup> – 6<sup>th</sup> European Conference of Clinical Neuroimaging, Rome, Italy 23<sup>rd</sup>-24<sup>th</sup> March **2015**; 14<sup>th</sup>-15<sup>th</sup> March **2016**; 27<sup>th</sup>-28<sup>th</sup> March **2017**

### **International Scientific Collaborations:**

*Continuous research collaboration* with the Department of Nuclear Medicine and Hospital Physics, Karolinska Hospital, Stockholm, Sweden. **Dec 1995 – now**

#### *Visiting Researcher*

**Japan** in the frame of the agreement between CNR and JSPS at the Biological Imaging Research Center of the Fukui University. **Nov - Dec 2000** and subsequently **Nov 2002 - Jan 2003**

**Nepal** in the frame of the agreement between CNR and RONASt in the Mount Everest and Kangchenjunga areas for studies on human physiopathology in altitude. **Sept - Oct 1994** and **Aug - Oct 1995**

**United States** at the Center for Metabolic and Experimental Imaging, Department of Nuclear Medicine, University of Texas, MD Anderson Cancer Centre, Houston, Texas, USA. **Mar - Apr 1993**

**Japan** at the Department of Nuclear Medicine, Kyoto University, Faculty of Medicine, Kyoto, Japan. **Sept 1992 - Jan 1993** and subsequently **Nov 1993 - Aug 1994**

**Venezuela** at the Departamento de Medicina Nuclear, Universidad de los Andes, Merida, Venezuela. **Nov - Dec 1991**

**Sweden** at the Division of Vascular Surgery, Department of Surgery, Karolinska Hospital, Stockholm, Sweden. **May 1989 - Jan 1990** and subsequently **Sept 1990 - Feb 1991**

**England** at the Department of Surgery, St.Thomas' Hospital, London, UK. **Oct 1987 - Oct 1988**

### **Scientific interests:**

Methodology of Positron Emission Tomography (PET) and Single Photon Emission Computed Tomography (SPECT) and development of related radiopharmaceuticals  
Neurobiological correlates of psychiatric disorders and neurodegenerative diseases and their detection by functional and structural neuroimaging

Optimisation of neurodegenerative and psychiatric disease diagnosis by advanced mathematical and statistical methods

Neurophysiology and neurobiology of psychotherapies by SPECT, MRI and EEG

## **Teaching at CME, Workshops, Courses**

Neurobiological aspects of trauma and stress. **Workshop.** Konsultationspsykiatri och psykosomatik, Huddinge Hospital, Karolinska Institutet, Stockholm, Sweden, 8<sup>th</sup> December **2016**

L'efficacia della psicoterapia vista attraverso le neuro immagini. **CME.** La Psiconeuroendocrinoimmunologia per il rinnovamento della psichiatria e della psicoterapia. Congresso SIPNEI, Rome 21<sup>st</sup>-22<sup>nd</sup> October **2016**

Ruolo del neuroimaging nei pazienti con demenza e disturbi del movimento. **CME.** Recenti progressi nella gestione clinica dei pazienti con demenza. Congresso AIP, Bolzano, Italy, 7<sup>th</sup> October **2016**

Recent developments in the Neurobiology of EMDR and how to teach it on your training. **Workshop.** 17<sup>th</sup> EMDR European Conference, The Hague, Holland, 16<sup>th</sup> June **2016**

Recent developments in the Neurobiology of EMDR and how to use it in your supervision. **Workshop.** 17<sup>th</sup> EMDR European Conference, The Hague, Holland, 16<sup>th</sup> June **2016**

Impatto delle neuroimmagini in psicologia e psicoterapia. **CME.** Trauma e Neuroscienze. Locarno, Switzerland; 23<sup>rd</sup> April **2016**

Impatto della psicoterapia sulla neurobiologia del trauma. Neuroimmagini funzionali e strutturali. **Workshop.** Master di Psico-Neuro-Endocrino-Immunologia, L'Aquila, Italy, 15<sup>th</sup> April **2016.**

Sensibilità e resilienza allo stress: correlati neurobiologici. **Workshop.** Accrescere la resilienza nella popolazione: aspetti psicologici, sociologici, legali, assicurativi e responsabilità del sindaco. Culture And RiSkmanagement in Man-made And Natural Disasters. Florence, Italy 5<sup>th</sup> March **2016**

EMDR - Anatomo-fisiopatologia dell'efficacia clinica. **Workshop.** Review Days EMDR Italia. Rome, Italy, 14<sup>th</sup> November **2015**

Neurobiological aspects of somatization and trauma. **Workshop.** Konsultationspsykiatri och psykosomatik, Huddinge Hospital, Karolinska Institutet, Stockholm, Sweden, 15<sup>th</sup> October **2015**

EMDR dalla neurofisiologia alla pratica clinica. **CME.** I percorsi di cura del trauma: l'EMDR. Lecce, Italy, 30<sup>th</sup> September **2015**

EMDR psychopathological concepts: state-of-the art and future perspectives. **CME.** Swiss EMDR Association Annual meeting. Bern, Switzerland, 17<sup>th</sup> September **2015**

EMDR: dalla neurobiologia all'efficacia clinica. **CME.** Trauma e Neuroscienze. Locarno, Switzerland; 21<sup>st</sup> June **2015**

Implicazioni neurobiologiche del trauma e dell'EMDR. **CME.** Prospettive cliniche e neurobiologiche nel trattamento dell'abuso e della trascuratezza. Rome, Italy, 22<sup>nd</sup> May **2015**

L'impatto del trattamento con EMDR sulla neurobiologia del PTSD. **CME.** Il trauma e il suo ruolo nella psicopatologia. Interventi terapeutici. Verona, Italy, 2<sup>nd</sup> March **2015**

Neurobiologia del trattamento psicoterapico del trauma: stato dell'arte e prospettive future. **Workshop**. Giornate sul trauma 2014: modelli clinici a confronto. Bari, Italy 15<sup>th</sup> November **2014**.

EMDR - Anatomo-fisiopatologia dell'efficacia clinica. **Workshop**. Review Days EMDR Italia. Milan, Italy, 8<sup>th</sup> – 9<sup>th</sup> November **2014**

Quadri FDG-PET nella Sclerosi Laterale Amiotrofica. **CME**. Corso Avanzato di Medicina Nucleare in Neurologia. Pesaro, Italy, 25<sup>th</sup>-27<sup>th</sup> September **2014**

La risposta neuroendocrina allo stress post-traumatico e l'efficacia dell'EMDR nel PTSD: considerazioni neurofisiologiche e cliniche. **Workshop**. Memorie traumatiche e psicopatologie trauma correlate - Nuovi orizzonti e prospettive di cura. Matera, Italy 29<sup>th</sup> April **2014**

PTSD psychotherapies. Functional and structural neuroimaging and EEG monitoring. **Workshop CME**. XIII Congress of the European Society for Traumatic Stress Studies, Bologna, Italy, June 6<sup>th</sup>-9<sup>th</sup>, **2013**

Dementia 1&2. **Course CME**. EANM Neuroimaging Course, Wien, Austria 20<sup>th</sup>-21<sup>st</sup> April **2013**

Basi neurobiologiche dei disturbi psichici e correlati clinici. **CME**. Stigma, urgenze e immagini delle malattie mentali. AOU San Luigi Gonzaga, Orbassano, Italy. January 30<sup>th</sup> **2013**

Neurobiologia dell'EMDR. **CME**. EMDR, un nuovo approccio di intervento sul trauma nei disastri collettivi. AOU San Luigi Gonzaga, Orbassano, Italy. January 31<sup>st</sup> **2013**

Cerebrovascular Disease. **Course CME**. EANM Neuroimaging Course, Wien, Austria 12<sup>th</sup>-13<sup>th</sup> May **2012**

Movement Disorder. **Course CME**. EANM Neuroimaging Course, Wien, Austria 12<sup>th</sup>-13<sup>th</sup> May **2012**

Dementia 1&2. **Course CME**. EANM Neuroimaging Course, Wien, Austria 12<sup>th</sup>-13<sup>th</sup> May **2012**

Basi neurobiologiche del PTSD e dell'EMDR, metodologia, rivisitazione critica della letteratura e ricerche in atto. **Workshop CME**. NAVEN, Udine, Italy, November 19<sup>th</sup> **2011**

Neuroimaging and novel neurobiological findings in EMDR research. **Workshop CME**. 12<sup>th</sup> EMDR European Conference, Wien, Austria, June 3<sup>rd</sup> to 5<sup>th</sup> **2011**. Abs Book: 16-17.

Neurobiologia e nuovi concetti fisiopatologici dell'EMDR. **CME**. La psicotraumatologia oncologica. IRE-ISG Regina Elena San Gallicano, Rome, Italy November 22<sup>nd</sup> **2010**

Neuroimmagini ed effetti neurobiologici della psicoterapia del trauma. **CME** PTSD modelli di trattamento Percorsi Internazionali di Studio in Psichiatria: Psicoterapia, Psicofarmacoterapia, Trattamenti integrati. Rome, Italy, November 18<sup>th</sup>-20<sup>th</sup> **2010**

Emerging psychiatric disorders: neurobiology and differential diagnoses. **CME**. "Neuroimaging: Nuclear Medicine in: Psychiatry: Looking for Higher Diagnostic Accuracy - an Emphasis on Mood Disorders". (European Association of Nuclear Medicine Congress; October 9<sup>th</sup>-13<sup>th</sup>, **2010**, Wien, Austria. **Eur J Nuc Med Mol Imaging 2010**; 37: S2 288)

Trauma e psicoterapia, aspetti anatomici e neurobiologici. **CME**. Percorsi Internazionali di Studio in Psichiatria: Psicoterapia, Psicofarmacoterapia, Trattamenti integrati. Rome, Italy, 10<sup>th</sup> -11<sup>th</sup> December **2009**

Neurobiologia del trauma – Aspetti anatomici e funzionali. **CME**. La Depressione e il Trauma. Osp. S. Luigi Gonzaga, Orbassano, Italy, 11<sup>th</sup> November **2009**

Immagini funzionali e neurobiologia delle malattie psichiatriche. **CME**. XLV Congresso Nazionale Società Italiana di Psichiatria, Rome, Italy, 11<sup>th</sup> -15<sup>th</sup> October **2009**. Abs Book: pp. 28

Impiego delle metodiche medico-nucleari: i disordini psichiatrici emergenti. **CME**. "La Medicina Nucleare in Neurologia e Psichiatria", AIMN, Pesaro 24<sup>th</sup> -26<sup>th</sup> September **2009**

Impiego delle metodiche medico-nucleari: schizofrenia e depressione. **CME**. "La Medicina Nucleare in Neurologia e Psichiatria", AIMN, Pesaro 24<sup>th</sup>-26<sup>th</sup> September **2009**

Ottimizzazione delle metodologie di imaging funzionale per una migliore diagnosi delle malattie neurodegenerative. **CME**. "Parkinson e Demenza, dalla diagnosi alla presa in carico", Fondazione Don Gnocchi, Rome 19<sup>th</sup>-20<sup>th</sup> November **2005**

Telemedicine: from extreme conditions to daily life. Course of Telemedicine in the context of the organisational and technological transformation of health; Bertinoro, Italy, 20<sup>th</sup> April **1998**

Cardiovascular monitoring in extreme conditions. International Advanced **Course** in "Cardiovascular Physiology and Pathophysiology applied to Physical Exercise and Sport", Rome, 27<sup>th</sup> November-12<sup>th</sup> December **1995**

## Keynotes and Plenary Lectures

Impacto de EMDR en la neurobiología de el TEPT. EMDR-APPIA Meeting, Montevideo, Uruguay, 9<sup>th</sup> November **2016**

Impacto de EMDR en el sistema límbico. IV Congreso Ibero-Americano EMDR. Buenos Aires, Argentina, 28<sup>th</sup> October-1<sup>st</sup> November **2016**

Imaging neurodegeneration: from metabolic patterns to individual diagnosis. 5<sup>th</sup> Balkan & 13<sup>th</sup> National Congress of Nuclear Medicine, Thessaloniki, Greece 17<sup>th</sup> – 20<sup>th</sup> June, **2016**

Metabolic and cognitive patterns in Amyotrophic Lateral Sclerosis. 2<sup>nd</sup> International conference on Neurological Disorders and Stroke. Dubai, UAE, 28<sup>th</sup>-30<sup>th</sup> April **2016**

Impact of EMDR treatment in functional and anatomical neuroimaging. Institut de Neurosciences de la Timone (INT), University of Marseille, France, 26<sup>th</sup> February **2016**

Impact neurobiologique de l'EMDR évalué par la neuroimagerie fonctionnelle. Colloque européen: Neurosciences et Psychothérapies. Bordeaux, France, 20<sup>th</sup> November **2015**

Liens neurobiologiques entre dissociation et EMDR. Congrès EMDR et Dissociation – Modèles et prises en charge. Metz, France, 17<sup>th</sup> November **2015**

Role of PET in the diagnosis and differential diagnosis of Movement Disorders. 38<sup>th</sup> European Society of Neuroradiology Annual Meeting. Naples, Italy, 19<sup>th</sup> September **2015**

Imaging EMDR related neurobiological changes. 2015 EMDRIA Conference; Philadelphia, USA, 29<sup>th</sup> August **2015**

Diagnostic accuracy of FDG-PET in neurodegenerative disorders. The 13<sup>th</sup> Congress of the Romanian Society of Neurology. Bucharest, Romania, 8<sup>th</sup> May **2015**

Is amyloid imaging really helpful in diagnosing, characterizing and disease modifying treatment approaches in dementias? The 9<sup>th</sup> World Congress of Controversies in Neurology. Budapest, Hungary, 28<sup>th</sup> March **2015**

SLA FDG-PET as a biomarker. X National Meeting of the Italian Society of Neurology for Dementias. Genoa, Italy, 27<sup>th</sup> March **2015**

Psychotherapies and Trauma: Past, Present and Future. Conference of European Association for Psychotherapy, Vilnius, Lithuania, 16<sup>th</sup> October **2014**

Cortical activation changes in PTSD treatment - EEG monitoring during EMDR. 55<sup>th</sup> Annual Meeting of the Japanese Society for Child and Adolescent Psychiatry. Shizuoka, Japan, 13<sup>th</sup> October **2014**

Neurodegeneration: recent advancements in neuroimaging. Hamamatsu Medical Imaging Center, Hamamatsu, Japan, 9<sup>th</sup> October **2014**

Impatto neurobiologico dell'EMDR nella patologia oncologica. Innovare in Psico-oncologia. Porto San Giorgio, Italy, 27<sup>th</sup> September **2014**

Neurobiology of EMDR – Past, Present and Future. 15<sup>th</sup> European EMDR Conference, Edinburgh, UK, June 28<sup>th</sup> **2014**

Violenza sessuale e aggressività- Neurobiologia e possibili interventi psicoterapici. Centro Spazio Sicuro, Child Neuropsychiatry, University of Rome, La Sapienza, Italy, May 23<sup>rd</sup> **2014**

Imaging Neurodegenerative disorders: state-of-the-art and future perspectives. 3<sup>rd</sup> Balkan and Romanian Congress of Nuclear Medicine. Present and Future in Nuclear Medicine. Bucharest, Romania, April 23<sup>rd</sup>-26<sup>th</sup> **2014**

Brain imaging: new standards. 26<sup>th</sup> Turkish Congress of Nuclear Medicine. Antalya, Turkey, 16<sup>th</sup> -20<sup>th</sup> April **2014**.

Molecular imaging in dementia. 26<sup>th</sup> Turkish Congress of Nuclear Medicine. Antalya, Turkey, 16<sup>th</sup> -20<sup>th</sup> April **2014**.

Functional neuroimaging and EEG monitoring in EMDR treatment. Different perspectives on mental illness. 4<sup>th</sup> Young Psychiatrists' Network Meeting. . Wroclaw, Poland, 3<sup>rd</sup>-5<sup>th</sup> April **2014**

Structural alterations associated with dissociative traits in PTSD. Different perspectives on mental illness. 4<sup>th</sup> Young Psychiatrists' Network Meeting. . Wroclaw, Poland, 3<sup>rd</sup>-5<sup>th</sup> April **2014**

Neurobiology of Neurodegenerative Disease: state-of-the-art of functional patterns and diagnostic accuracy. International workshop on molecular functional imaging for brain and gynecologic oncology. Fukui, Japan March 3<sup>rd</sup>-4<sup>th</sup> **2014**. Abs Book: 5.

Neurofisiopatologia della violenza sessuale e non - Possibili interventi psicoterapici. Congresso Nazionale EMDR. Milano, Italy 10<sup>th</sup> November **2013**

Neurobiology of PTSD and related psychotherapies. Seminar on Earthquake & Post-Traumatic Stress Disorder. Chinese Academy of Sciences Beijing, China, 9<sup>th</sup> September **2013**

Neurobiological correlates of PTSD and related psychotherapeutic treatment. XIII Congress of the European Society for Traumatic Stress Studies, Bologna, Italy, June 6<sup>th</sup>-9<sup>th</sup>, **2013**

Imaging of hypoxia in neurology. 2<sup>nd</sup> Molecular Imaging and Biology in Oncology Meeting. Nice, France, January 27<sup>th</sup>-28<sup>th</sup> **2012**

Functional changes and EEG monitoring during EMDR therapy. 12<sup>th</sup> EMDR European Conference, Wien, Austria, June 3<sup>rd</sup> to 5<sup>th</sup> **2011**. Abs Book: 28-29

Effetti Neurobiologici della psicoterapia del trauma. In: L'EMDR: un approccio psicoterapico a ponte tra psiche e neurobiologia. XII Congresso Nazionale della Sezione di Psicologia Clinica e Dinamica. Torino 24<sup>th</sup> – 26<sup>th</sup> September **2010**. Congress Acta p. 165.

PET and Neuroscience Pre-conference Neuroimaging Course; 3<sup>rd</sup> Conference on Restauracion Neurologica, Habana, Cuba, 9<sup>th</sup> -13<sup>th</sup> March **2009**

Neurobiological substrate of psychiatric disorders investigated by multivariate analyses. 3<sup>rd</sup> Conference on Restauracion Neurologica, Habana, Cuba, 9<sup>th</sup> -13<sup>th</sup> March **2009**

Substrato neurobiologico della Sindrome da Stress Post-Traumatico e relativo impatto strutturale e funzionale della terapia con EMDR. Congresso Nazionale EMDR Italia, Milano, Italy, 7<sup>th</sup> - 9<sup>th</sup> November **2008**. Abs Book:page 13



Ottimizzazione delle metodologie di imaging funzionale per una migliore diagnosi delle malattie neurodegenerative. Parkinson e Demenza: dalla diagnosi alla presa in carico. Roma, Italy, 19<sup>th</sup> -20<sup>th</sup> November **2005**

Argonauta Telemedicine Courses. 1<sup>st</sup> International Workshop for ODL Materials Production and Delivery. Valencia, Spain, 19<sup>th</sup> -21<sup>th</sup> July **2000**

How can you get a doctor on Mount Everest? Science Festival 2000, Göteborg, Sweden, 5<sup>th</sup> - 14<sup>th</sup> May **2000**

Telemedical cardiology - from research to clinical applications. Norsk Telemed '97; Bergen, Norway, 3<sup>rd</sup> - 5<sup>th</sup> September **1997**

Cognitive functions and cerebral blood flow distribution under acute and chronic hypoxia. Conferenza Italo-Americana sull'Emergenza, Courmayeur, Italy, 2<sup>nd</sup> - 5<sup>th</sup> April **1997**

Telemedicine in extreme and normal conditions. Marconi Meeting Point Seminar, Buenos Aires, Argentina, 18<sup>th</sup> November **1996**

Alterations neuropsychologiques et circulatoires cérébrales suite à l'hypoxie aigue et chronique. Seminaire sur la physiologie et environment extreme, Chambéry, France, 12<sup>th</sup> October **1996**

Telemedicine in extreme and normal conditions. International Technological Convention, Johannesburg, Southafrica, 12<sup>th</sup> July **1996**

Antartic and Everest italian experiences. Symposium on issues in Telemedicine and Distance Education, Perth, Australia, 17<sup>th</sup> April **1996**

Brain and Hypoxia. Italian-Australian Scientific Weeks 96, Adelaide, Australia, 1<sup>th</sup> - 16<sup>th</sup> April **1996**

Advanced Italian Technologies in Telemedicine. ExpoCom China 95, Canton, China, 2<sup>nd</sup> - 9<sup>th</sup> December **1995**

Telemedicine and Telecardiology in Antartide and Himalaya. Fiera della Montagna, Bolzano, Italy, 2<sup>nd</sup> - 6<sup>th</sup> June **1995**

Progetto strategico Ev-K2 CNR. Convegno Nazionale su "Teleassistenza e Telemedicina", Roma, Italy, 21<sup>st</sup> April **1995**

## PEER REVIEWED PAPERS

1. **Pagani M**, Giuliani A, Öberg J, De Carli F, Morbelli S, Girtler N, Arnaldi D, Accardo J, Baucknheth A, Bongioanni F, Chincarini A, Sambuceti G, Jonsson C, Nobili F. Progressive disgregation of brain networking from normal aging to Alzheimer's Disease. **Accepted Journal of Nuclear Medicine 2017**
2. Morbelli S, Arbizu J, Booij J, Chen MK, Chetelat G, Cross DJ, Djekidel M, Drzezga A, Ekmekcioglu O, Garibotto V, Hesse S, Ishii K, Saraf LJ, Lammertsma A, Law I, Mathews DI9, Minoshima S, Moshi K, **Pagani M**, Pappata' S, Silverman DH, Signore A, Van De Giessen E, Villemagne V, Barthel H. The need for standardization and larger clinical studies in emerging indications to [18F]FDG PET brain PET: autoimmune encephalitis. **Accepted European Journal of Nuclear Medicine Molecular Imaging 2017**
3. Dickson JC, Tossici-Bolt L, Sera T, Booij J, Ziebell M, Morbelli S, Assenbaum-Nan S, Vander Borgh T, **Pagani M**, Kapucu OL, Hesse S, Van Laere K, Darcourt J, Varrone A, Tatsch K. The impact of reconstruction and scanner characterization on the diagnostic capability of a normal database for [123I]FP-CIT SPECT imaging. **European Journal of Nuclear Medicine Molecular Imaging Research 2017; 7:10.** doi 10.1186/s13550-016-0253-0
4. Morbelli S, Djekidel M, Hesse S, **Pagani M**, Barthel H. Role of brain [18F]fluorodeoxyglucose (FDG) PET in the syndrome-based diagnostic approach to autoimmune encephalitis. **Lancet Neurology 2016; 15, 1009-1010**
5. Faretta E, Borsato T, Civilotti C, Fernandez I, **Pagani M**. EMDR and CBT: a comparative clinical study with cancer patients. **Journal of EMDR Practice & Research 2016; 10: 215-227**
6. Carletto S, **Pagani M**. Neurobiological Impact of EMDR therapy in Cancer. **Journal of EMDR Practice and Research 2016; 10:153-161**
7. **Pagani M**, Giuliani A, Öberg J, Chincarini A, Morbelli S, Brugnolo A, Arnaldi D, Picco A, Baucknheth M, Buschiazzo A, Sambuceti G, Nobili F. Predicting the transition 1 from normal aging to Alzheimer's Disease: a statistical mechanistic evaluation of FDG-PET data. **Neuroimage 2016; 141: 282-290**
8. Arnaldi D, Morbelli S, Brugnolo A, Girtler N, Picco A, Ferrara M, Accardo J, Buschiazzo A, De Carli F, **Pagani M**, Nobili F. Functional neuroimaging and clinical features of de novo, drug naive PD patients with probable RBD. **Parkinsonism & Related Disorders 2016; 29:47-53**
9. Borghi M, Carletto S, Ostacoli L, Scavelli F, Pia L, **Pagani M**, Bertolotto A, Malucchi S, Signori A, Cavallo M. Decline of neuropsychological abilities in a large sample of patients with Multiple Sclerosis: A two-year longitudinal study. **Frontiers in Human Neuroscience 2016 | Volume 10 | Article 282.** doi: 10.3389/fnhum.2016.00282
10. Morbelli S, Ferrara M, Fiz F, Dessi B, Arnaldi D, Picco A, Bossert I, Buschiazzo A, Accardo J, Picori L, Girtler N, **Pagani M**, Sambuceti M, Nobili F. Mapping brain morphological and functional conversion patterns in pre-dementia, late-onset bvFTD. **European Journal of Nuclear Medicine and Molecular Imaging 2016; 43: 1337-1347**

11. *Buchert R, Kluge M, Tossici-Bolt L, Dickson J, Bronzel M, Lange C, Asenbaum S, Booji J, Kapucu OL, Knudsen GM, Koulibaly PM, Nobili F, Pagani M, Sabri O, Sera T, Tatsch K, Vander Borgh T, Van Laere K, Varrone A, Ida H.* Reduction of camera-specific variability in [123I]FP-CIT SPECT by image reconstruction optimized for multi-site settings: impact on age dependence of the specific binding ratio in the ENC-DAT database. **European Journal of Nuclear Medicine and Molecular Imaging** 2016; 43: 1323-1336
12. *Albert N, Unterrainer M, Diemling M, Xiong G, Bartenstein P, Koch W, Varrone A, Dickson JC, Tossici-Bolt L, Sera T, Asenbaum S, Booij J, Kapucu OL, Kluge A, Ziebell M, Darcourt J, Nobili F, Pagani M, Hesse S, Vander Borgh T, Van Laere K, Tatsch K, La Fougère C.* Implementation of the European Multicentre Database of Healthy Controls for [123I]FP-CIT SPECT Increases Diagnostic Accuracy in Clinically Uncertain Parkinsonian syndrome. **European Journal of Nuclear Medicine and Molecular Imaging** 2016; 43: 1315-1322
13. *Garibotto V, Morbelli S, Pagani M.* Dual-phase amyloid PET: hitting two birds with one stone. **European Journal of Nuclear Medicine Molecular Imaging** 2016; 43: 1300-1303
14. *Alessandrini M, Micarelli A, Chiaravalloti A, Bruno E, Danieli R, Pierantozzi M, Genovesi G, Öberg J, Pagani M, Schillaci O.* Involvement of subcortical brain structures during olfactory stimulation in multiple chemical sensitivity. **Brain Topography** 2016; 29:243-252
15. *Pagani M, Öberg J, De Carli F, Calvo A, Moglia C, Canosa A, Nobili F, Morbelli S, Fania P, Cistaro A, Chiò A.* Metabolic connectivity in Amyotrophic Lateral Sclerosis as revealed by independent component analysis. **Human Brain Mapping** 2016; 37:942-953
16. *Canosa A, Pagani M, Cistaro A, Montuschi A, Iazzolino B, Fania P, Cammarosano S, Ilardi A, Moglia C, Calvo A, Chiò A.* <sup>18</sup>F-FDG-PET correlates of cognitive impairment in ALS. **Neurology** 2016; 86:44-49
17. *Trentini C, Pagani M, Fania P, Speranza A.M, Nicolais G, Sibilìa A, Inguscio L, Verardo AR, Ammaniti M.* Neural processing of emotions in traumatized children treated with EyeMovement Desensitization and Reprocessing therapy: A hdEEG study. **Frontiers in Psychology – Psychology for Clinical Setting** November 2015 | Volume 6 | Article 1662. doi: 10.3389/fpsyg.2015.01662
18. *Pagani M, Di Lorenzo G, Monaco L, Daverio A, Giannoudas I, La Porta P, Verardo AR, Niolu C, Fernandez I and Siracusano A.* Neurobiological response to EMDR therapy in clients with different psychological traumas. **Frontiers in Psychology – Psychology for Clinical Settings** October 2015 | Volume6 | Article1614. doi: 10.3389/fpsyg.2015.01614
19. *Nardo D, Högberg G, Jonsson C, Jacobsson H, Hällström T, Pagani M.* Neurobiology of sleep disturbances in PTSD patients and traumatized controls: MRI and SPECT findings. **Frontiers in Psychiatry** September 2015 | Volume 6 | Article 134. doi: 10.3389/fpsyt.2015.00134
20. *Morbelli S, Garibotto V, Van De Giessen E, Arbizu J, Chételat G, Drezgza A, Hesse S, Lammertsma A, Law I, Pappata' S, Payoux P, Pagani M.* A Cochrane review on brain 18F-FDG PET in dementia: limitations and future perspectives. **European Journal of Nuclear Medicine and Molecular Imaging** 2015; 42:1487–1491

21. *Cistaro A, Caobelli F, Quartuccio N, Fania P, Pagani M*. Uncommon <sup>18</sup>F-FDG-PET/CT findings in patients affected by limbic encephalitis: hyper-hypometabolic pattern with double antibody positivity and migrating foci of hypermetabolism. **Clinical Imaging** **2015**;39:329-333
22. *Pagani M, Högberg G; Fernandez I; Siracusano A*. Correlatos de la terapia EMDR en la neuroimagen funcional y estructural: Un resumen crítico de los hallazgos recientes. **Journal of EMDR Practice and Research** **2015**; 9: 58-68
23. *Chiaravalloti A, Pagani M, Micarelli A, Di Pietro B, Genovesi G, Alessandrini M, Schillaci O*. Cortical activity during olfactory stimulation in multiple chemical sensitivity: a <sup>18</sup>F-FDG PET/CT study. **European Journal of Nuclear Medicine and Molecular Imaging** **2015**; 42:733-740
24. *Morbelli S, Brugnolo A, Bossert I, Buschiazzo A, Frisoni GB, Galluzzi S, Van Berckel BN, Ossenkoppele R, Pernecky R, Drzezga A, Didic M, Guedj E, Sambuceti G, Bottoni G, Arnaldi D, Picco A, De Carli F, Pagani M, Nobili F*. Visual versus semi-quantitative analysis of <sup>18</sup>F-FDG-PET in amnesic MCI. An European Alzheimer's Disease Consortium (EADC) project. **Journal of Alzheimer's Disease** **2015**; 44: 815–826
25. *Chiaravalloti A, Pagani M, Cantonetti M, Di Pietro B, Tavolozza M, Travascio I, Di Biagio D, Danieli D and Schillaci O*. Brain metabolic changes in patients with Hodgkin's lymphoma after diagnosis and during the disease course: a <sup>18</sup>F FDG PET/CT study. **Oncology Letters** **2015**; 9:685-690
26. *Pagani M, De Carli F, Morbelli S, Öberg J, Chincarini A, Frisoni GB, Caroli A, Pernecky R, Drzezga A, van Berckel BNM, Ossenkoppele R, Guedj E, Didic M, Brugnolo A, Picco A, Arnaldi D, Ferrara M, Buschiazzo A, Sambuceti G, Nobili F*. Region of Interest-based [<sup>18</sup>F]Fluorodeoxyglucose PET identification of patients with MCI due to Alzheimer disease and healthy controls. An European Alzheimer Disease Consortium (EADC) study. **Neuroimage: Clinical** **2015**: 7:34-42
27. *Pagani M, Sonni I, Capriotti G*. Functional imaging in neurodegenerative disorders: past, present and future. **Quarterly Journal of Nuclear Medicine and Molecular Imaging** **2014**; 58:329-31
28. *Quartuccio N, Van Weehaeghe D, Cistaro A, Jonsson C, Van Laere K, Pagani M*. Positron emission tomography neuroimaging in amyotrophic lateral sclerosis: what is new? **Quarterly Journal of Nuclear Medicine and Molecular Imaging** **2014**; 58:344-54
29. *Chiò A, Pagani M, Agosta F, Calvo A, Cistaro A, Filippi M*. Neuroimaging in Amyotrophic Lateral Sclerosis: insight into structural and functional changes. **Lancet Neurology** **2014**,13: 1228-1240
30. *Alessandrini M, Micarelli A, Chiaravalloti A, Candidi M, Bruno E, Di Pietro B, Öberg J, Schillaci O, Pagani M*. Cerebellar metabolic involvement and its correlations with clinical parameters in vestibular neuritis. **Journal of Neurology** **2014**; 261:1976-1985
31. *Micarelli A, Pagani M, Chiaravalloti A, Bruno E, Pavone I, Candidi M, Danieli R, Schillaci O, Alessandrini M*. Cortical metabolic arrangement during olfactory processing: proposal for a <sup>18</sup>F-FDG PET/CT methodological approach. **Medicine** **2014**; Oct;93(19):e103.

32. **Pagani M**, Chiò A, Valentini MC, Öberg J, Nobili F, Calvo A, Moglia C, Bertuzzo D, Morbelli S, De Carli F, Fania PC, Cistaro A. Functional pattern of Brain FDG-PET in Amyotrophic Lateral Sclerosis. **Neurology** **2014**; 83:1067-1074
33. Hesse S, van de Giessen E, Zientek F, Petroff D, Winter K, Dickson JC, Tossici-Bolt L, Sera T, Asenbaum S, Darcourt J, Akdemir UO, Knudsen GM, Nobili F, **Pagani M**, Vanderborght T, Van Laere K, Varrone A, Tatsch K, Sabri O, Booij I. Association of central serotonin transporter availability and body mass index in healthy Europeans. **European Neuropsychopharmacology** **2014**; 24: 1240-1247
34. Koch W, Unterrainer M, Jansen N, Mille E, Bartenstein P, Diemling M, Varrone A, Dickson JC, Tossici-Bolt L, Sera T, Asenbaum S, Booij J, Kapucu OL, Kluge A, Knudsen GM, Darcourt J, Nobili F, **Pagani M**, Sabri O, Vander Borght T, Van Laere K, Tatsch K, La Fougère C. Extrastriatal binding of [123I]FP-CIT in thalamus and pons: gender and age dependencies assessed in a European multicentre database of healthy controls. **European Journal of Nuclear Medicine and Molecular Imaging** **2014**; 41: 1938-1946.
35. Gardner A, Åstrand D, Öberg J, Jacobsson H, Jonsson C, Larsson SA, **Pagani M**. Towards mapping the brain connectome in depression: functional connectivity by perfusion SPECT. **Psychiatry Research-Neuroimaging** **2014**; 223: 171-177
36. Alessandrini M, Micarelli A, Chiaravalloti A, Candidi M, Bruno E, Di Pietro B, Schillaci O, **Pagani M**. Cortico-subcortical metabolic correlates of olfactory processing in healthy resting subjects. **Scientific Report** **2014**; 4:5146. doi:10.1038/srep05146
37. Cistaro A, Cuccurullo V, Quartuccio N, **Pagani M**, Valentini MC, Mansi L. Role of PET and SPECT in the study of Amyotrophic Lateral Sclerosis. **BioMed Research International** **2014**; ID:237437. doi:10.1155/2014/237437
38. Cistaro A, **Pagani M**, Montuschi A, Calvo A, Moglia C, Canosa A, Restagno G, Traynor BJ, Nobili F, Carrara G, Fania PC, Lopiano L, Valentini MC, Chiò A. The metabolic signature of C9ORF72-related ALS, compared to non-mutated patients: a FDG PET study. **European Journal of Nuclear Medicine and Molecular Imaging** **2014**; 41: 844-852
39. Capezzani L, Ostacoli L, Cavallo M, Carletto S, Fernandez I, Solomon R, **Pagani M**, Cantelmi T. EMDR and CBT for Cancer Patients: Comparative Study of Effects on PTSD, Anxiety, and Depression. **Journal of EMDR Practice and Research** **2013**; 7: 134-143
40. Nardo D, Högberg G, Lanius R, Jacobsson H, Jonsson C, Hällström T, **Pagani M**. Gray matter volume alterations related to trait dissociation in PTSD and traumatized controls. **Acta Psychiatrica Scandinavica** **2013**; 128: 222-233
41. Thomsen G, Knudsen GM, Jensen PS, Ziebell M, Holst KK, Asenbaum S, Booij J, Darcourt J, Dickson JC, Kapucu OL, Nobili F, Sabri O, Sera T, Tatsch K, Tossici-Bolt L, Van Laere K, Vanderborght T, Varrone A, **Pagani M**, Pinborg LH. No difference in striatal dopamine transporter availability between active smokers, ex-smokers and non-smokers using [123I]FP-CIT (DaTSCAN) and SPECT. **European Journal of Nuclear Medicine and Molecular Imaging Research** **2013**; 3:39
42. Morbelli S, Pernecky R, Drzezga A, Frisoni GB, Caroli A, van Berckel BNM, Ossenkoppele R, Guedj E, Didic M, Brugnolo A, Naseri M, Sambuceti G, **Pagani M**, Nobili F. Metabolic Networks underlying Cognitive Reserve in Prodromal Alzheimer's Disease: A European Alzheimer's Disease Consortium Project. **Journal of Nuclear Medicine** **2013**; 54: 894-902

43. *Booij J, Arbizu J, Darcourt J, Hesse S, Nobili F, Payoux P, Pappatà S, Tatsch K, Walker Z, Pagani M.* Appropriate use criteria for amyloid PET imaging cannot replace guidelines. **European Journal of Nuclear Medicine and Molecular Imaging** 2013; 40: 1122-1125
44. *Micarelli A, Jacobsson H, Larsson SA, Jonsson C and Pagani M.* Neurobiological insight into hyperbaric hyperoxia. **Acta Physiologica** 2013; 209: 69-76
45. *Söderlund TA, Dickson JC, Prvulovich E, Ben-Haim S, Kemp P, Booij J, Nobili F, Thomsen G, Sabri O, Koulibaly PM, Akdemir OU, Pagani M, van Laere K, Asenbaum-Nan S, George J, Sera T, Tatsch K, Bomanji J.* Value of Semiquantitative Analysis for Clinical Reporting of 123I-2-β-Carbomethoxy-3β-(4-iodophenyl)-N-(3-Fluoropropyl)Nortropane SPECT Studies. **Journal of Nuclear Medicine** 2013; 54: 714-22
46. *Nobili F, Naseri Shoustari M, De Carli F, Asenbaum S, Booij J, Darcourt J, Ell P, Kapucu Ö, Kemp P, Knudsen GM, Morbelli S, Pagani M, Sabri O, Tatsch K, Tossici-Bolt L, Sera T, Vander Borgh T, Van Laere K, Varrone A.* Automatic semi-quantification of [123I] FP-CIT SPECT scans in healthy volunteers using BasGan -Version 2: Results from the ENC-DAT database. **European Journal of Nuclear Medicine and Molecular Imaging** 2013; 40: 565-73
47. *Alessandrini M, Pagani M, Napolitano B, Micarelli A, Bruno E, Chiaravalloti A, Di Pietro B, Schillaci O.* Early and phasic cortical metabolic changes in vestibular neuritis onset. **PLOS ONE** 2013; 8(3): e57596
48. *Manouilenko I, Pagani M, Stone-Elander S, Odh R, Brolin F, Hatherly R, Jacobsson H, Larsson SA, Bejerot S.* Autistic traits, ADHD symptoms, Neurological Soft Signs and Cerebral Blood flow in Autism Spectrum Disorders. **Research in Autism Spectrum Disorders** 2013; 7:566-578
49. *Pagani M, Hogberg G, Fernandez I and Siracusano A.* Correlates of EMDR Therapy in Functional and Structural Neuroimaging – A critical summary of recent findings. **Journal of EMDR Practice and Research** 2013; 7: 29-38
50. *Varrone A, Dickson J, Tossici-Bolt L, Sera T, Asenbaum S, Booij J, Kapucu OL, Kluge A, Knudsen G, Koulibaly PM, Nobili F, Pagani M, Sabri O, Vanderborgh T, Van Laere K, Tatsch K.* European multicentre database of healthy controls for [123I]FP-CIT SPECT (ENC-DAT): age-related effects, gender differences and evaluation of different methods of analysis. **European Journal of Nuclear Medicine and Molecular Imaging** 2013; 40:213-227
51. *Chiaravalloti A, Pagani M, Di Pietro B, Danieli R, Tavolozza M, Travascio L, Ragano C, Simonetti G, Cantonetti M, Schillaci O.* Is cerebral brain glucose metabolism affected by chemotherapy in patients with Hodgkin's lymphoma? **Nuclear Medicine Communications** 2013; 34: 57-63
52. *van de Giessen E, Hesse S, Caan MWA, Zientek F, Dickson JC, Tossici-Bolt L, Sera T, Asenbaum S, Guignard R, Akdemir UO, Knudsen GM, Nobili F, Pagani M, Vanderborgh T, Van Laere K, Varrone A, Tatsch K, Booij J, Sabri O.* No association between striatal DAT binding and BMI: A multi-center European study in healthy volunteers. **Neuroimage** 2013; 64: 61-67
53. *Pagani M, Di Lorenzo G, Verardo AR, Nicolais G, Monaco L, Lauretti G, Russo R, Niolu C, Ammaniti M, Siracusano A and Fernandez I.* Neurobiology of EMDR – EEG imaging of treatment efficacy. **PLOS ONE** 2012; 7: e45753

54. *Morbelli S, Drzezga A, Perneczky R, Frisoni GB, Caroli A, van Berckel BNM, Ossenkoppele R, Guedj E, Didic M, Brugnolo A, Sambuceti G, Pagani M, Salmon E, Nobili F.* Resting metabolic connectivity in prodromal Alzheimer's disease. A European Alzheimer Disease Consortium (EADC) project. **Neurobiology of Aging** **2012**; 33: 2533-2550
55. *Magalhaes I, Sánchez-Crespo A, Pagani M, Vudattu NK, Nysten G, Halldin C, Spångberg M, Larsson SA, Gulyás, Maeurer MJ.* Interleukin -7 (IL-7) Increases Metabolic Thymic and CNS Activity. **Journal of Cell Science and Therapy** **2012**, 3: 127.
56. *Cistaro A, Vesco S, Quartuccio N, Pagani M, Fania P, Donati L, Nobili F, Duca S, Carrara G, Valentini M.C.* The evidence of the 18F-FDG-PET/CT in a strange case of pure hemianopia in a pediatric patient after TBI. **Ophthalmology** **2012**; 119: 1496-1497
57. *Pagani M, Di Lorenzo G, Verardo AR, Nicolais G, Monaco L, Niolu C, Fernandez I, Siracusano A.* Neurobiological substrate of EMDR therapy. **Rivista di Psichiatria** **2012**; 47: S2: 16-18
58. *Pagani M, Manouilenko I, Stone-Elander S, Odh R, Salmaso D, Hatherly R, Brodin F, Jacobsson H, Larsson SA, Bejerot S.* Alterations in cerebral blood flow as assessed by PET/CT in adults with Autism Spectrum Disorder with normal IQ. **Journal of Autism and Developmental Disorders** **2012**; 42: 313-318
59. *Cistaro A, Valentini MC, Chiò A, Nobili F, Calvo A, Moglia C, Montuschi A, Morbelli S, Salmaso D, Fania P, Pagani M.* Positron Emission Tomography discriminates bulbar and spinal onset in Amyotrophic Lateral Sclerosis. **European Journal of Nuclear Medicine and Molecular Imaging** **2012**; 39: 251-259
60. *Nardo D, Högberg G, Flumeri F, Jacobsson H, Larsson SA, Hällström T, Pagani M.* Self-rating scales assessing subjective well-being and distress correlate with rCBF in PTSD-sensitive regions. **Psychological Medicine** **2011**; 41: 2549-2561
61. *Högberg G, Nardo D, Hällström T, Pagani M.* Affective psychotherapy in post-traumatic reactions guided by affective neuroscience: memory re-consolidation and play. **Psychiatry Research Behavioral Management** **2011**; 4: 87-96
62. *Pagani M.* Towards new horizons in brain PET. **European Journal of Nuclear Medicine and Molecular Imaging** **2011**; 38: 1072-1074
63. *Pagani M, Di Lorenzo G, Verardo AR, Nicolais G, Monaco L, Lauretti G, Cogolo P, Niolu C, Ammaniti M, Siracusano A and Fernandez I.* Pre- intra- and post-treatment EEG imaging of EMDR – Methodology and preliminary results from a single case. **Journal of EMDR Practice and Research** **2011**; 5: 42-56
64. *Cortellessa G, D'Amico R, Tiberio L, Pagani M and Cesta A.* Modeling users of advanced training environment by integrating psychological and physiological data. **Industrial, Engineering and Other Applications of Applied Intelligent Systems IEA/AIE-2011**
65. *Pagani M, Salmaso D, Sidiras G, Jonsson C, Jacobsson H, Larsson SA, Lind F.* Impact of hypobaric hypoxia on blood flow distribution in frontal lobes. **Acta Physiologica** **2011**; 202: 203-209
66. *Nobili F, Mazzei D, Dessi B, Morbelli S, Brugnolo A, Barbieri P, Girtler N, Sambuceti G, Rodriguez G, Pagani M.* Unawareness of memory deficit in amnesic MCI FDG PET findings. **Journal of Alzheimer's Disease** **2010**; 22: 993-1003

67. **Pagani M, Dessi B, Morbelli S, Brugnolo A, Salmaso D, Piccini A, Mazzei D, Villavecchia G, Larsson SA, Rodriguez G, Nobili F.** MCI Patients Declining and Not-Declining at Mid-Term Follow-Up: FDG-PET Findings. **Current Alzheimer Research** 2010; 7:287-294
68. **Nardo D, Högberg G, D, Looi J, Larsson SA, Hällström T, Pagani M.** Grey matter changes in posterior cingulate and limbic cortex in PTSD are associated with trauma load and EMDR outcome. **Journal of Psychiatry Research** 2010; 44:477-485
69. **Gardner A, Salmaso D, Varrone A, Sanchez-Crespo A, Bejerot S, Jacobsson H, Larsson SA and Pagani M.** Differences at brain SPECT between depressed females with and without adult ADHD and healthy controls: etiological considerations. **Behavioral Brain Function** 2009; 5:37
70. **Pagani M, Salmaso D, Rodriguez G, Nardo D and Nobili F.** Principal Component Analysis in mild and moderate Alzheimer's Disease. **Psychiatry Research – Neuroimaging** 2009; 173: 8-14
71. **Looi JCL, Mallerc JJ, Pagani M, Högberg G, Lindberg O, Liberg B, Botes L, Engman EL, Zhang Y, Svensson L, Wahlund LO.** Caudate volumes in public transportation workers exposed to trauma in the Stockholm train system. **Psychiatry Research – Neuroimaging** 2009; 171:138-143
72. **Nobili F, Salmaso D, Morbelli S, Girtler N, Piccardo A, Brugnolo A, Villavecchia G, Dessi B, Larsson SA, Rodriguez G, Pagani M.** Principal component analysis of FDG PET in amnesic MCI. **European Journal of Nuclear Medicine and Molecular Imaging** 2008; 35:2191-2202
73. **Gardner A, Salmaso D, Nardo D, Micucci F, Nobili F, Sanchez-Crespo A, Jacobsson H, Larsson SA and Pagani M.** Mitochondrial function is related to alterations at brain SPECT in depressed patients. **CNS Spectrums** 2008; 13:805-814
74. **Looi, JCL., Lindberg, O, Liberg, B, Tatham, V, Kumar, R., Maller, J, Millard, E, Sachdev, P, Hogberg, G, Pagani, M, Botes, L, Engman, E-L, Zhang, Y, Svensson, L, Wahlund, L-O** Volumetrics of the caudate nucleus: reliability and validity of a new manual tracing protocol. **Psychiatry Research - Neuroimaging** 2008; 163:279-288
75. **Högberg G, Pagani M, Sundin Ö, Soares J, Åberg-Wistedt A, Tärnell B and Hällström T.** Treatment of post-traumatic stress disorder with eye movement desensitization and reprocessing: Outcome is stable in 35-month follow-up. **Psychiatry Research** 2008; 159:101-108
76. **Pagani M and Gardner A.** SPECT and psychiatry – An insight into functional imaging of Major Depression and Post Traumatic Stress Disorder. **Neuroscience Imaging** 2007; 2: 21-52
77. **Pagani M, Högberg G, Salmaso D, Nardo D, Tärnell B, Jonsson C, Soares J, Åberg-Wistedt A, Jacobsson H, Hällström T, Larsson SA and Sundin Ö.** Effects of EMDR psychotherapy on <sup>99m</sup>Tc-HMPAO distribution in occupation-related Post-Traumatic Stress Disorder. **Nuclear Medicine Communications** 2007; 28: 757-765
78. **Varrone A, Pagani M, Salvatore E, Salmaso D, Sansone V, Amboni M, Nobili F, De Michele G, Filla A, Barone P, Pappatà S, Salvatore M.** Anterior cingulate hypoperfusion in progressive supranuclear palsy compared with Parkinson's disease identified by [<sup>99m</sup>Tc]ECD SPET. **European Journal of Nuclear Medicine and Molecular Imaging** 2007; 34: 1071-1081



79. *Högberg G, Pagani M, Sundin Ö, Soares J, Åberg-Wistedt A, Tärnell B, Hällström T.* On Treatment with Eye Movement Desensitization and Reprocessing of Chronic Post-Traumatic Stress Disorder in Public Transportation Workers — A Randomized Controlled Trial. **Nordic Journal of Psychiatry** 2007; 61: 54-61
80. *Okazawa H, Tsuchida T, Kobayashi M, Arai Y, Pagani M, Isozaki M, Yonekura Y.* Can reductions in baseline CBF and vasoreactivity detect misery perfusion in chronic cerebrovascular disease? **European Journal of Nuclear Medicine and Molecular Imaging** 2007; 34: 121-129
81. *Pagani M, Salmaso D, Nardo D, Jonsson C, Jacobsson H, Larsson SA and Gardner A.* Imaging the neurobiological substrate of atypical depression by SPECT. **European Journal of Nuclear Medicine and Molecular Imaging** 2007; 34: 110-120
82. *Kovalev VA, Thurffjell L, Lundqvist R and Pagani M.* Asymmetry of SPECT Perfusion Image Patterns as a Diagnostic Feature for Alzheimer's Disease. **Medical Image Computing and Computer-Assisted Intervention - MICCAI** 2006; 9: 421-428
83. *Okazawa H, Tsuchida T, Pagani M, Mori T, Kobayashi M, Tanaka F, Yonekura Y.* Effects of 5-HT<sub>1B/1D</sub> receptor agonist rizatriptan on cerebral blood flow and blood volume in normal circulation. **Journal of Cerebral Blood Flow and Metabolism** 2006; 26: 92-98
84. *Pagani M, Salmaso D and Borbely K.* Optimisation of statistical methodologies for a better diagnosis of neurological and psychiatric disorders by means of SPECT. **Nuclear Medicine Review** 2005; 8:140-149
85. *Pagani M, Högberg G, Salmaso D, Tärnell B, Sanchez-Crespo A, Soares J, Åberg-Wistedt A, Jacobsson H, Hällström T, Larsson SA Sundin Ö.* Regional cerebral blood flow during auditory recall in 47 subjects exposed to assaultive and non-assaultive trauma and developing or not Post Traumatic Stress Disorder. **European Archives of Psychiatry Clinical Neuroscience** 2005; 255: 359-365
86. *Pagani M, Gardner A, Salmaso D, Sánchez-Crespo A, Jonsson C, Jacobsson H, Lindberg G, Wägner A, Hällström T and Larsson SA.* Principal Component and Volumes of Interest Analyses in Depressed Patients by <sup>99m</sup>Tc-HMPAO SPET - A Methodological Comparison. **European Journal of Nuclear Medicine and Molecular Imaging** 2004; 31: 995-1004
87. *Gardner A, Pagani M, Beier H, Jacobsson H, Larsson SA, Hällström T.* <sup>99m</sup>Tc-HMPAO distribution at SPECT is associated with succinate-cytochrome c reductase (SCR) activity in subjects with psychiatric disorders. **Nuclear Medicine Biology** 2004; 31: 277-282
88. *Pagani M, Kovalev VA, Lundqvist R, Jacobsson H, Larsson SA and Thurffjell L.* A new approach for improving diagnostic accuracy of Alzheimer Disease and Frontal Lobe Dementia utilizing the intrinsic properties of the SPET data set. **European Journal of Nuclear Medicine and Molecular Imaging** 2003; 30: 1481-1488
89. *Gardner A, Pagani M, Wibom R, Nennesmo I, Jacobsson H, Hällström T.* Alterations of rCBF and mitochondrial dysfunction in major depressive disorder: a case report. **Acta Psychiatrica Scandinavica** 2003; 107:233-239
90. *Gardner A and Pagani M.* A review of SPECT in neuropsychiatric disorders: neurobiological background, methodology, findings and future perspectives. **Alasbinn Journal** 2003; 5: 1-41

91. Gardner A, **Pagani M**, Jacobsson H, Lindberg G, Larsson SA, Wägner A, Hällström T. Differences in resting state rCBF assessed with <sup>99</sup>Tc<sup>m</sup>-HMPAO SPECT and brain atlas matching between depressed patients with and without tinnitus. **Nuclear Medicine Communications** 2002; 23: 429-439
92. **Pagani M**, Salmaso D, Jonsson C, Hatherly R, Jacobsson H, Larsson SA and Wägner A. Brain regional blood flow as assessed by principal component analysis and <sup>99m</sup>Tc-HMPAO SPET in healthy subjects at rest – normal distribution and effect of age and gender. **European Journal of Nuclear Medicine** 2002; 29: 67-75
93. **Pagani M**, Salmaso D, Ramström C, Jonsson C, Lundqvist R, Thurffjell L, Schnell PO, Wägner A, Jacobsson H and Larsson SA. Mapping pathological <sup>99m</sup>Tc-HMPAO uptake in Alzheimer's Disease and Frontal Lobe Dementia with SPECT. **Dementia and Geriatric Cognitive Disorders** 2001; 12: 177-184
94. Thurffjell L, **Pagani M**, Andersson J, Jonsson C, Lundqvist R, Wagner A. Registration of Neuroimaging data: Implementation and Clinical Applications. **Journal of Neuroimaging** 2000; 10: 39-46
95. **Pagani M**, Ansjön R, Lind F, Jonsson C, Uusijärvi J, Sumen G, Salmaso, Jacobsson H and Larsson SA. Effects of acute hypobaric hypoxia on regional cerebral blood flow distribution – A Single Photon Emission Computed Tomography study in humans. **Acta Physiologica Scandinavica** 2000; 168: 377-383
96. Larsson SA, Jonsson C, **Pagani M**, Johansson L and Jacobsson H. A novel phantom design for emission tomography enabling scatter- and attenuation-“free” single photon emission tomography imaging. **European Journal of Nuclear Medicine** 2000; 27: 131-139
97. Jonsson C, **Pagani M**, Johansson L, Thurffjell L, Jacobsson H and Larsson S. Reproducibility and repeatability of normal resting state <sup>99m</sup>Tc-HMPAO rCBF SPECT using brain atlas matching. **Nuclear Medicine Communications** 2000; 21: 9-18
98. Kovalev V, Thurffjell L, Lundqvist R and **Pagani M**. Classification of SPECT Scans of Alzheimer's Disease and Frontal Lobe Dementia based on intensity and gradient information. **Medical Image Understanding and Analysis - MIUA** 1999: 69-72
99. Lundqvist R, Thurffjell L, **Pagani M**, Jacobsson H, Jonsson C, Larsson SA, Wägner A, Bengtsson. Classification of functional patterns in SPECT brain scans based on partial least square analysis. **Scandinavian Conference of Image Analysis - SCIA** 1999: 375-381
100. Thurffjell L, Andersson J, **Pagani M**, Jonsson C, Hult R, Lundqvist R, Wagner A, Jacobsson H and Larsson SA. Automatic detection of hypoperfused areas in SPECT brain scans. **IEEE Transaction on Nuclear Science** 1998; 4: 2149-2154
101. **Pagani M**, Ravagnan G and Salmaso D. Effects of acclimatisation to altitude on learning. **Cortex** 1998; 34: 243-251
102. Jonsson C, **Pagani M**, Ingvar M, Thurffjell L, Kimiaei S, Jacobsson H and Larsson SA. Resting state rCBF mapping with single-photon emission tomography and positron emission tomography: magnitude and origin of differences. **European Journal of Nuclear Medicine** 1998; 25: 157-165

103. **Pagani M**, Stone-Elander S and Larsson SA. Alternative PET with non-conventional positron emitters: effects of their physical properties on image quality and their potential clinical application. **European Journal of Nuclear Medicine** **1997**; 24: 1301-1328
104. **Pagani M**, Jacobsson H, Ansjon R, Lind F, Jonsson C, Uusijarvi J, Sumen G and Larsson SA. Comparison between near infrared oxymetry and 99m-Tc-HMPAO uptake in resting peripheral muscle under normobaric normoxia and hypobaric hypoxia. **SPIE** **1997**; 3194: 151-158
105. Ishizu K, Mukai T, Yonekura Y, **Pagani M**, Fujita T, Magata Y, Nishizawa S, Tamaki N, Shibasaki H and Konishi J. High resolution 4-head pinhole SPECT system for small animal studies. **Journal of Nuclear Medicine** **1995**; 36: 2282-2287
106. Yamauchi H, **Pagani M**, Fukuyama H, Ouchi Y, Nagahama Y, Matsuzaki S, Kimura J, Yonekura Y and Konishi J. Progression of corpus callosum atrophy with deterioration of cerebral cortical oxygen metabolism after carotid artery occlusion. A Follow-Up study with MRI and PET. **Journal of Neurology Neurosurgery Psychiatry** **1995**; 59: 420-426
107. Blohmè L, **Pagani M**, Parra-Hoyos H, Olofsson P, Takolander R och Swedenborg J. Changes in middle cerebral artery flow velocity and pulsatility index after carotid endarterectomy. **European Journal of Vascular Surgery** **1991**; 5: 659-663
108. Pescarmona E, Rendina E, Venuta F, D'Arcangelo E, **Pagani M**, Ricci C, Ruco LP and Baroni CD. Analysis of prognostic factors and clinico-pathologic staging of thymoma. **Annals of Thoracic Surgery** **1990**; 50: 534-538

## PHILOSOPHICAL DOCTORAL THESIS

**Pagani M. Advances in Brain SPECT. Methodological and Human Investigation.** Philosophical Doctoral Thesis, Karolinska Institute, Stockholm, Sweden, 2000

## CHAPTERS IN BOOKS

1. *Carletto S, Pagani M.* Corrélat neurobiologiques des traumatismes et de l'état de stress post-traumatique. In : Tarquinio C, Brennstul M., Delluci H, Iracane M, Rydberg, J, Silvestre M & Zimmermann E (Eds). **Pratique de la psychothérapie EMDR.** Paris: Dunod. 2017
2. *Carletto S, Pagani M.* Corrélat neurobiologiques de la thérapie EMDR: résumé des études de neuro-imagerie fonctionnelle et structurelle. In: Tarquinio C, Brennstul M., Delluci H, Iracane M, Rydberg, J, Silvestre M & Zimmermann E (Eds). **Pratique de la psychothérapie EMDR.** Paris: Dunod. 2017
3. *Carletto S, Pagani M.* Neurobiological impact of EMDR in cancer. In: Faretta E (Ed) **Trauma and illness: EMDR in psychoncology.** Milano Udine: MIMESIS, 2015: 49-64
4. *Law I, Garibotto V, Pagani M.* Imaging in Neurological and Vascular Brain Diseases (PET/CT). In: Frago Costa P, Vidovic B, Santos A (Eds) **Brain Imaging Tech Guide.** Wien: EANM Publisher, 2015: 72-91
5. *Cavallo M, Pagani M.* Neuroimmagini e neurobiologia dei disturbi alimentari. In: Balbo M (Ed) **EMDR e disturbi dell'alimentazione tra passato presente e futuro.** Firenze: Giunti, 2015: 177-186
6. *Carletto S, Pagani M.* Impatto neurobiologico dell'EMDR nelle patologie oncologiche. In: Faretta E (Ed) **Trauma e malattia – L'EMDR in psiconcologia.** Milano Udine: MIMESIS, 2014: 53-68
7. *Pagani M, Cavallo M.* Neuroimaging in PTSD-related psychotherapies. In: Dierckx R, Otte A, de Vries E, van Waarde A (Eds) **PET and SPECT in Psychiatry.** Berlin Heidelberg: Springer Verlag, 2014: 397-410
8. *Darcourt J, Nobili F, Walker Z, Booi J, Hesse S, Nagren K, Payoux P, Tatsch K, Pagani M.* Achievements in Neuroimaging during the past 25 years. In Bombardieri E & Frangos S (Eds) **Nuclear Medicine: fusing the ideas of Democritus and Hippocrates.** Wien: EANM Publisher, 2012: 75-80
9. *Pagani M.* EMDR e cervello. Correlati funzionali e strutturali, in F. Bottaccioli (Ed) **Stress e Vita. La scienza dello stress e la scienza della salute alla luce della Psiconeuroendocrinoimmunologia.** Milano: Tecniche Nuove, 2012: 433-439
10. *Pagani M.* Clinical applications of PET/CT in Neurology – Psychiatry. In: Testanera G & van den Broek WJM (Eds) **Principles and Practice of PET/CT – Part 2 A technologist guide.** Wien: EANM Publisher, 2011: 146-149

11. *Looi JCL, Pagani M, Nardo D, Raphael B, Wahlund LO*. Structural and Functional Neuroimaging in PTSD: a Neurobiological Update. In: L Sher & A Vilens (Eds) **Neurobiology of Post-traumatic Stress Disorder**. New York: Nova Science Publishers, **2010**: 1-20
12. *Salmaso D, Pagani M and Gardner A*. Networking rCBF gender differences in major depression. In: P Hernandez & S Alonso (Eds) **Women and Depression**. New York: Nova Science Publishers, **2009**: 235-255
13. *Salmaso D and Pagani M*. Il brain imaging nelle malattie degenerative e psichiatriche. In R Nicoletti, E Ladavas & P Tabossi (Eds) **Attenzione e Cognizione, Festschrift in onore di Carlo Umiltà**. Bologna: Il Mulino, **2008**: 83-92
14. *Kovalev VA, Thurffjell L, Lundqvist R and Pagani M*. Asymmetry of SPECT Perfusion Image Patterns as a Diagnostic Feature for Alzheimer's Disease. In: **Medical Image Computing and Computer-Assisted Intervention - MICCAI 2006; Lecture notes in Computer Science**. Berlin/Heidelberg: Springer, **2006**: 9: 421-428
15. *Pagani M, Canfora M, Salmaso D*. In: Introduzione all'analisi statistica delle immagini funzionali. In: P Guerra and F Nobili (Eds) **PET e SPECT in Neurologia**, 1<sup>st</sup> Edition. Bologna: Patron Editore, **2006**: 115-135
16. *Pagani M, Thurffjell L, Jacobsson H*. Clinical Diagnosis: Frontal Lobe Dementia. In: RL Van Herten & RS Tikofski (Eds) **Functional Cerebral SPECT and PET imaging**. 3<sup>rd</sup> Edition. New York: Lippincot Williams & Wilkins, **2000**: 162-163

#### PAPERS ON ITALIAN JOURNALS

1. *Trentini C, Pagani M*. Effects of EMDR on neural processing of emotions in children with complex trauma: A hdEEG study. **Infanzia & Adolescenza Quaderni** **2015**; 14(2): 135-150
2. *Pagani M*. Neuroimmagini funzionali: nuova frontiera della conoscenza dei processi neuro-degenerativi e psicoterapici. **Scienza e Società** **2014**: 117-125
3. *Pagani M, Carletto S*. Ecco come cambia il cervello cambia dopo la psicoterapia. **PNEI News** **2013**; 2:16-19
4. *Pagani M, Ravagnan G and Salmaso D*. Effetti dell'acclimatizzazione sulla circolazione cerebrale e sull'apprendimento. **Acqua e Aria** **1997**; 5: 74-75

## COMMUNICATIONS AT PEER REVIEWED INTERNATIONAL CONFERENCES

1. *Chio A, Öberg J, De Carli F, Calvo A, Moglia C, Canosa A, Nobili F, Cistaro A, Pagani M.* Metabolic Spatial Connectivity in Amyotrophic Lateral Sclerosis: A 18F-FDG PET Study. **Neurology**; **2016**; 86 (16): P 099
2. *Canosa A, Pagani M, Calvo A, Ilardi A, Montuschi A, Iazzolino B, Barberis M, Brunetti M, Restagno G, Chio A.* Amyotrophic lateral sclerosis with cognitive Impairment: a role for cognitive reserve? **Eur J Neurol** **2015**; 22: 434-434
3. *Morbelli S, Pagani M, De Carli F, Öberg J, Buschiazzo A, Frisoni G, Drzezga A, van Berckel BN, Guedj E, Picco A, Arnaldi D, Ferrara M, Chincarini A, Nobili F, Brugnolo A.* Head-to-head comparisons of semi-quantification tools for brain FDG-PET in diagnosis of prodromal Alzheimer's disease. **Eur J Nuc Med Mol Imaging** **2015**; 42: S237-S238
4. *Högberg G, Nardo D, Pagani M, Hällström T.* A randomized controlled study with affective psychotherapy for depressed and suicidal adolescents. International Summit on Suicide Research. New York, USA, 11<sup>th</sup> – 14<sup>th</sup> October **2015**.
5. *Pagani M.* Role of PET in diagnosis and differential diagnosis of Movement Disorders. 38<sup>th</sup> Annual meeting of the European Society of Neuroradiology. Naples, Italy 19<sup>th</sup> September **2015**
6. *Trentini C, Fania P, Pagani M, Speranza A.M, Nicolais G, Sibilia A, Verardo AR, Inguscio L, Ammaniti M.* Efficacy of EMDR treatment with traumatized children: psychological, neuroendocrine and electrophysiological implications. 14<sup>th</sup> World Congress of World Association of Infant Mental Health. Edinburgh, UK, 14<sup>th</sup> – 18<sup>th</sup> June **2014**
7. *Chiò A, Pagani M, Valentini MC, Öberg J, Nobili F, Calvo A, Moglia C, Bertuzzo D, Morbelli S, De Carli F, Fania PC, Cistaro A* Discriminant Value of 18FDG-PET in Amyotrophic Lateral Sclerosis. American Academy of Neurology 66<sup>th</sup> Annual Meeting, Philadelphia, USA, April 26<sup>th</sup>-May 3<sup>rd</sup>, **2014**
8. *Di Lorenzo G, Monaco L, Daverio A, Giannoudas I, La Porta P, Verardo AR, Niolu C, Fernandez I, Pagani M, Siracusano A.* Enhancement of right hemisphere eeg functional connectivity after emdr therapy. 22nd European Congress of Psychiatric, Munchen, Germany, 1st-4th March 2014. **European Psychiatry** **2014**; 29 (S1):1.
9. *Pagani M, Chiò A, Öberg J, Calvo A, Moglia C, Nobili F, Fania PC, Morbelli S, Valentini MC, Cistaro A.* High discriminant value of 18FDG-PET in Amyotrophic Lateral Sclerosis. European Association of Nuclear Medicine Congress; Lyon, France, October 27<sup>th</sup>-31<sup>st</sup>, 2013. **Eur J Nuc Med Mol Imaging** **2013**; 40: S207
10. *Chiaravalloti A, Pagani M, Alessandrini M, Micarelli A, Di Pietro B, Di Biagio D, Lacanfara A, Napolitano B, Danieli R, Schillaci O.* Cortical <sup>18</sup>F FDG PET changes during olfactory stimulation in normal subjects. European Association of Nuclear Medicine Congress; Lyon, France, October 27<sup>th</sup>-31<sup>st</sup>, 2013. **Eur J Nuc Med Mol Imaging** **2013**; 40: S207
11. *Chiaravalloti A, Pagani M, Di Pietro B, Di Russo C, Pizzi S, Lacanfara A, Abbatiello P, Paolombo E, Travascio L, Schillaci O.* Cortical metabolic changes in normal aging brain: a 18F FDG PET/CT study. European Association of Nuclear Medicine Congress; Lyon, France, October 27<sup>th</sup>-31<sup>st</sup>, 2013. **Eur J Nuc Med Mol Imaging** **2013**; 40: S447

12. Di Lorenzo G, **Pagani M**, Monaco L, Daverio A, Giannoudas I, La Porta P, Verardo AR, Niolu C, Fernandez I, Siracusano A. EEG Functional Connectivity During Eye Movement Desensitization and Reprocessing Is Related With Psychological Tests. International Conference on Basic and Clinical Multimodal Imaging (BaCI); Geneva, Switzerland, September 5<sup>th</sup>-8<sup>th</sup>, 2013. **Clinical EEG and Neuroscience 2014**, Vol XX: 46
13. Di Lorenzo G, **Pagani M**, Monaco L, Daverio A, Giannoudas I, Verardo AR, La Porta P, Niolu C, Fernandez I, Siracusano A. EEG Source Connectivity Changes in Eye Movement Desensitization and Reprocessing. International Conference on Basic and Clinical Multimodal Imaging (BaCI); Geneva, Switzerland, September 5<sup>th</sup>-8<sup>th</sup>, 2013. **Clinical EEG and Neuroscience 2014**, Vol XX: 84-85
14. Di Lorenzo G, **Pagani M**, Monaco L, Daverio A, Verardo AR, Giannoudas I, La Porta P, Niolu C, Fernandez I, Siracusano A. The Neurobiological Basis of Eye Movement Desensitization and Reprocessing Efficacy: An EEG Monitoring Study. International Conference on Basic and Clinical Multimodal Imaging (BaCI); Geneva, Switzerland, September 5<sup>th</sup>-8<sup>th</sup>, 2013. **Clinical EEG and Neuroscience 2014**, Vol XX: 117-118
15. Chio A, **Pagani M**, Öberg J, Nobili F, Calvo A, Moglia C, Fania PC, Morbelli S, Valentini C, Cistaro A. Discriminant value of <sup>18</sup>F-FDG-PET in ALS. *Amyotrophic Lateral Sclerosis* **2013**; 14, suppl 2: 31-32
16. **Pagani M**, Öberg J, Åstrand D, Jacobsson H, Jonsson C, Larsson SA, Gardner A. Interregional networking in Chronic Depressive Disorder and healthy controls. 11<sup>th</sup> World Congress of Biological Psychiatry, Kyoto, Japan, June 23<sup>rd</sup> – 27<sup>th</sup>, **2013**; Abs Book: pp 94
17. **Pagani M**, Di Lorenzo G, Verardo AR, Monaco L, Daverio A, Giannoudas I, La Porta P, Niolu C, Fernandez I, Siracusano A. Electroencephalographic monitoring of Eye Movement Desensitization and Reprocessing efficacy in 32 traumatized patients. 11<sup>th</sup> World Congress of Biological Psychiatry, Kyoto, Japan, June 23<sup>rd</sup> – 27<sup>th</sup>, **2013**; Abs Book: pp 41
18. **Pagani M**, Niolu C, Di Lorenzo G, Verardo AR, Monaco L, Daverio A, Giannoudas I, La Porta P, Fernandez I, Siracusano A. Neuropsychology correlates with brain connectivity in Eye Movement Desensitization and Reprocessing. An electroencephalography study. 11<sup>th</sup> World Congress of Biological Psychiatry, Kyoto, Japan, June 23<sup>rd</sup> – 27<sup>th</sup>, **2013**; Abs Book: pp 47
19. **Pagani M**, Di Lorenzo G, Verardo AR, Monaco L, Daverio A, Giannoudas I, La Porta P, Niolu C, Fernandez I, Siracusano A. Electroencephalographic connectivity changes during Eye Movement Desensitization and Reprocessing. 11<sup>th</sup> World Congress of Biological Psychiatry, Kyoto, Japan, June 23<sup>rd</sup> – 27<sup>th</sup>, **2013**; Abs Book: pp 47
20. **Pagani M**, Chiò A, Valentini MC, Öberg J, Calvo A, Moglia C, Nobili F, Fania PC, Morbelli S, Cistaro A. Metabolic networking in Amyotrophic Lateral Sclerosis. SNMMI Annual Meeting, Vancouver, Canada, June 8<sup>th</sup>-12<sup>th</sup>, 2013; **J Nucl Med 2013**; 54(Suppl): 47P
21. **Pagani M**, Nardo D, Lanius R. Structural alterations associated with dissociative traits in PTSD. XIII Congress of the European Society for Traumatic Stress Studies, Bologna, Italy, June 6<sup>th</sup>-9<sup>th</sup>, **2013**
22. Cortellessa G, De Benedictis R, **Pagani M**. Timeline-based Planning for Engaging Training Experiences. 23<sup>rd</sup> International Conference on Automated Planning and Scheduling (ICAPS'13) June 10<sup>th</sup>-14<sup>th</sup>, **2013** Rome, Italy. Proceedings Book: 371-379

23. **Pagani M**, Di Lorenzo G, Verardo AR, Monaco L, Daverio A, Giannoudas I, La Porta P, Niolu C, Fernandez I, Siracusano A. Effects of EMDR therapy in 28 psychologically-traumatized clients - EEG monitoring and neurobiological correlates. 166<sup>th</sup> American Psychiatric Association Annual Meeting, San Francisco, USA, May 18<sup>th</sup>-22<sup>nd</sup>, **2013**.
24. Di Lorenzo G, **Pagani M**, Monaco L, Verardo AR, Daverio A, Giannoudas I, La Porta P, Niolu C, Fernandez I, Siracusano A. EEG source connectivity changes in EMDR therapy. 166<sup>th</sup> American Psychiatric Association Annual Meeting, San Francisco, USA, May 18<sup>th</sup>-22<sup>nd</sup>, **2013**.
25. Niolu C, Di Lorenzo G, **Pagani M**, Monaco L, Verardo AR, Daverio A, Giannoudas I, La Porta P, Fernandez I, Siracusano A. Relation between psychological test and EEG functional connectivity during EMDR therapy. 166<sup>th</sup> American Psychiatric Association Annual Meeting, San Francisco, USA, May 18<sup>th</sup>-22<sup>nd</sup>, **2013**.
26. Chiò A, **Pagani M**, Calvo A, Moglia C, Montuschi A, Nobili F, Fania PC, Valentini MC, Cistaro A. PET in in ALS Patients with C9ORF72 Mutations. American Academy of Neurology 65th Annual Meeting, San Diego, USA, March 16<sup>th</sup>-23<sup>rd</sup>, **2013**.
27. Chiò A, **Pagani M**, Calvo A, Moglia C, Montuschi A, Nobili F, Fania PC, Valentini MC, Cistaro A. The unique metabolic pattern of glucose metabolism in early C9ORF72-related ALS: a FDG PET study. ALS world Conference **2013**
28. **Pagani M**, Chiò A, Valentini MC, Calvo A, Moglia C, Montuschi A, Nobili F, Fania PC, Cistaro A. Metabolic changes specific of C9ORF72 genetic lesion in Amyotrophic Lateral Sclerosis patients. European Association of Nuclear Medicine Congress; Milan, Italy, October 27<sup>th</sup>-31<sup>st</sup>, 2012., **Eur J Nuc Med Mol Imaging 2012**; 39: S217
29. **Pagani M**, Chiò A, Valentini MC, Calvo A, Moglia C, Montuschi A, Nobili F, Fania PC, Morbelli S, Cistaro A. Functional connectivity in Amyotrophic Lateral Sclerosis. European Association of Nuclear Medicine Congress; Milan, Italy, October 27<sup>th</sup>-31<sup>st</sup>, 2012. **Eur J Nuc Med Mol Imaging 2012**; 39: S219
30. **Pagani M**, Åstrand D, Jacobsson H, Jonsson C, Danielsson AM, Engelin L, Gardner A. Neuronal connectivity in Major Depressive Disorder. A SPECT CBF study. European Association of Nuclear Medicine Congress; Milan, Italy, October 27<sup>th</sup>-31<sup>st</sup>, 2012. **Eur J Nuc Med Mol Imaging 2012**; 39: S548
31. Morbelli S, Perneczky R, Drzezga A, Frisoni GB, Caroli A, van Berckel BNM, Ossenkoppele R, Naseri M, Guedj E, Didic M, Brugnolo A, **Pagani M**, Sambuceti G, Nobili F. Metabolic Networks involved in Cognitive Reserve in Prodromal Alzheimer's Disease (pAD): A European Alzheimer's Disease Consortium (EADC) Project. European Association of Nuclear Medicine Congress; Milan, Italy, October 27<sup>th</sup>-31<sup>st</sup>, 2012. **Eur J Nuc Med Mol Imaging 2012**; 39: S217-218
32. Chiaravalloti A, **Pagani M**, Di Pietro B, Danieli R, Tavolozza M, Travascio L, Ragano C, Testa A, Cantonetti M, Schillaci O. Effects of ABVD chemotherapy on brain cortical metabolism in Hodgkin's lymphoma: a 18F-FDG PET/CT study. European Association of Nuclear Medicine Congress; Milan, Italy, October 27<sup>th</sup>-31<sup>st</sup>, 2012. **Eur J Nuc Med Mol Imaging 2012**; 39: S257
33. Alessandrini M; Micarelli A, **Pagani M**, Bruno E, Chiaravalloti A, Pietro B; Schillaci O, Candidi M, Napolitano B. Early cortical responses during vestibular neuritis. 27th Barany Society Meeting. Uppsala, Sweden, June 10th-13th **2012**; O51.



34. **Pagani M**, Di Lorenzo G, Verardo AR, Nicolais G, Lauretti G, Russo R, Cogolo P, Niolu C, Ammaniti M, Siracusano A, Fernandez I. Neurobiological correlates of EMDR monitoring – A EEG study. 13<sup>th</sup> EMDR European Conference, Madrid, Spain, June 15<sup>th</sup>-17<sup>th</sup> **2012**. Abs Book: 40-41
35. **Pagani M**, Di Lorenzo G, Verardo A, Nicolais G, Monaco L, Lauretti G, Russo R, Cogolo P, Niolu C, Ammaniti M, Siracusano A and Fernandez I. Pre- Intra and Post-treatment EEG imaging of EMDR. Neurobiological bases of treatment efficacy. [20<sup>th</sup> European Congress of Psychiatry](#), Prague Czech Republic, March 3<sup>rd</sup>-6<sup>th</sup> **2012**,. Abs Book 100/276. **European Psychiatry**, 27(2-3, Supplement 1), 1, P-1162
36. **Pagani M**, Nardo D, Hogberg G, Lanius R, Bravo T, Jacobsson H, Jonsson C, Hallstrom T. Gray matter volume alterations associated with dissociative traits in PTSD and traumatized controls. [20<sup>th</sup> European Congress of Psychiatry](#), Prague Czech Republic, March 3<sup>rd</sup>-6<sup>th</sup> **2012**,. Abs Book 102/258. **European Psychiatry**, 27(2-3, Supplement 1), 1, P-973
37. **Pagani M**, Chiaravalloti M, Di Pietro M, Danieli R, Tavolozza M, Tavascio L, Ragano C, Testa A, Cantonetti M, Schillaci O. Acute post-traumatic stress disorder in oncologic patients. Functional evidence from a PET-FDG study. [20<sup>th</sup> European Congress of Psychiatry](#), Prague Czech Republic, March 3<sup>rd</sup>-6<sup>th</sup> **2012**,. Abs Book 62. **European Psychiatry**, 27(2-3, Supplement 1), 1, O-044
38. Calvo A, **Pagani M**, Canosa A, Gallo S, Bersano E, Manera U, Valentini C, Morbelli S, Salmaso D, Montuschi A, Moglia C, Nobili F, Mancini M, Cistaro A, Chiò A. PET in ALS: increased 18F-FDG uptake in sub-cortical structures. XLII Congress of the Italian Neurological Society, Torino, 22-26 October 2011. **Neurological Sciences** **2011**; 32: S32
39. Naseri Shoustari M, Asenbaum S, Booij J, Ell P, Kapucu O, Kemp P, Knudsen GM, **Pagani M**, Sabri O, Tatsch T, Tossici-Bolt L, Vander Borgh T, Van Laere K, Varrone A, Nobili F. Automatic semi-quantification of [123I] FP-CIT SPECT scans by means of BasGan -Version 2 in healthy volunteers. Results from the ENC-DAT database. European Association of Nuclear Medicine Congress; Birmingham, England, October 9<sup>th</sup>-13<sup>th</sup>, 2011. **Eur J Nuc Med Mol Imaging** **2011**; 38: S2 257
40. Chiaravalloti A, **Pagani M**, Alessandrini M, Napolitano B, Di Pietro B, Micarelli M, Danieli R, Bruno E, Schillaci O. Cortical metabolic changes in vestibular neuritis detected by <sup>18</sup>F-FDG PET/CT. European Association of Nuclear Medicine Congress; Birmingham, England, October 9<sup>th</sup>-13<sup>th</sup>, 2011. **Eur J Nuc Med Mol Imaging** **2011**; 38: S2 332-333
41. Chiaravalloti A, **Pagani M**, Di Pietro B, Danieli R, Tavolozza M, Travascio L, Ragano C, Testa A, Cantonetti M, Schillaci O. Is cerebral brain glucose metabolism affected by chemotherapy in patients with Hodgkin's lymphoma? European Association of Nuclear Medicine Congress; Birmingham, England, October 9<sup>th</sup>-13<sup>th</sup>, 2011. **Eur J Nuc Med Mol Imaging** **2011**; 38: S2 226-227
42. **Pagani M**, Di Lorenzo G, Verardo AR, Nicolais G, Monaco L, Lauretti G, Russo R, Cogolo P, Niolu C, Ammaniti M, Siracusano A and Fernandez I. Pre-, intra- and post-treatment EEG imaging of EMDR – Prevalent activation of associative cognitive areas following treatment efficacy. 15<sup>th</sup> World Congress of Psychiatry, Buenos Aires, Argentina, September 18<sup>th</sup>-22<sup>nd</sup> **2011**. Abs Book: 448

43. *Manouilenko I, Bejerot S, Stone-Elander S, Odh R<sup>2</sup>, Salmaso D, Brolin F, Hatherly R, Jacobsson H, Larsson SA, Pagani M.* Correlation of minor physical anomalies with cerebral blood flow and neurological soft signs in adults with high-functioning autism spectrum disorders. 15<sup>th</sup> World Congress of Psychiatry, Buenos Aires, Argentina, September 18<sup>th</sup>-22<sup>nd</sup> 2011. Abs Book: 452
44. *Calvo A, Pagani M, Chio A et al.* PET/CT study revealed increase 18F-FDG uptake in sub-cortical regions in ALS. 15<sup>th</sup> Congress of the EFNS, Budapest, Hungary, September 10<sup>th</sup>-13<sup>th</sup> 2011. **European Journal of Neurology**, 2011; 18: S(2) 221
45. *Pagani M, Di Lorenzo G, Verardo A, Lauretti G, Russo R, Monaco L, Cogolo P, Nicolais G.* Neuroimaging and novel neurobiological findings in EMDR research. 12<sup>th</sup> EMDR European Conference, Wien, Austria, June 3<sup>rd</sup> to 5<sup>th</sup> 2011. Abs Book: 16-17
46. *Calvo A, Pagani M, Chiò A, Moglia C, Canosa A, Gallo S, Valentini C, Morbelli, Montuschi A, Salmaso D, Rodriguez G, Nobili F, Mancini M, Cistaro A.* 9<sup>th</sup> ENCALS meeting, Hannover Germany May 13<sup>th</sup>-15<sup>th</sup> 2011. Abs Book: P56
47. *Calvo A, Pagani M, Moglia C, Canosa A, Gallo S, Valentini C, Morbelli S, Montuschi A, Salmaso D, Rodriguez G, Nobili F, Mancini M, Cistaro A, Chio A.* <sup>18</sup>F-FDG Uptake in Sub-Cortical Structures of ALS Patients. 63<sup>rd</sup> American Academy of Neurology Annual Meeting, Honolulu, USA April 9<sup>th</sup>-16<sup>th</sup> 2011
48. *Manouilenko I, Bejerot S, Odh R, Salmaso D, Brolin F, Hatherly R, Jacobsson H, Larsson SA, Stone-Elander S, Pagani M.* Neurological Soft Signs and regional Cerebral Blood Flow correlates in adults with Autism Spectrum Disorders. Social Brain 3 - No Mind Left Behind, Glasgow UK, March 29<sup>th</sup>-30<sup>th</sup> 2011
49. *Pagani M, Chiò A, Valentini MC, Morbelli S, Montuschi A, Salmaso D, Rodriguez G, Nobili F, Mancini M, Cistaro A.* Amyotrophic lateral sclerosis: increased <sup>18</sup>F-FDG uptake in sub-cortical structures. European Association of Nuclear Medicine Congress; October 9<sup>th</sup>-13<sup>th</sup>, 2010, Wien, Austria. **Eur J Nuc Med Mol Imaging** 2010; 37: S2 260
50. *Nobili F, Mazzei D, Dessi B, Morbelli S, Bruognolo A, Barbieri P, Girtler N, Sambuceti G, Rodriguez G, Pagani M.* Unawareness of memory deficit in amnesic MCI FDG PET findings. European Association of Nuclear Medicine Congress; October 9<sup>th</sup>-13<sup>th</sup>, 2010, Wien, Austria. **Eur J Nuc Med Mol Imaging** 2010; 37: S2 260
51. *Sánchez Catasús CA, Samper J, Valdés- Sosa P, Pagani Mi, Galán ML, Aguila A, Ginarte Y, Rodríguez-Rojas R, Barroso E, Alvarez-González L, Llibre-Rodríguez J, Fernández Y.* Perfusion in posterior cingulate correlates with verbal learning independently of temporal atrophy in MCI patients: an MRI and perfusion SPECT study. European Association of Nuclear Medicine Congress; October 9<sup>th</sup>-13<sup>th</sup>, 2010, Wien, Austria. **Eur J Nuc Med Mol Imaging** 2010; 37: S2 395
52. *Manouilenko I, Pagani M, Stone-Elander S, Odh R, Salmaso D, Brolin F, Hatherly R, Jacobsson H, Larsson SA, Bejerot S.* The relationship between autistic, neurological and attentional components of Autism Spectrum Disorder and regional cerebral bloodflow in adults with Autism Spectrum Disorder. The Third Autism Neuroscience Conference, Cambridge, UK, September 10<sup>th</sup> 2010.
53. *Pagani M, Di Lorenzo G, Verardo A, Lauretti G, Cogolo P, Nicolais G.* Introduction to neuroimaging in EMDR research. 11<sup>th</sup> EMDR Europe Conference. EMDR -Trauma and beyond. Hamburg, Germany, June 11<sup>th</sup> -13<sup>th</sup> 2010. Abs Book: 30-31

54. **Pagani M, Nardo D, Högberg G.** Gray matter density is associated with EMDR outcome in PTSD patients. 11<sup>th</sup> EMDR Europe Conference. EMDR -Trauma and beyond. Hamburg, Germany, June 11<sup>th</sup>-13<sup>th</sup> **2010**. Abs Book: 21
55. **Nardo D, Högberg G, Larsson SA, Hällström T, Pagani M.** Limbic and paralimbic cortex grey matter densities are negatively associated with trauma load. [18<sup>th</sup> European Congress of Psychiatry](#), Feb 27<sup>th</sup>- March 2<sup>nd</sup> **2010**, Munich, Germany. **European Psychiatry 2010**, 25: S
56. **Pagani M, Nardo D, Högberg G, Jacobsson H, Larsson SA.** Self rating scales assessing subjective well-being and distress correlate with CBF in PTSD-sensitive regions. [18<sup>th</sup> European Congress of Psychiatry](#), Feb 27<sup>th</sup>- March 2<sup>nd</sup> **2010**, Munich, Germany. **European Psychiatry 2010**, 25: S
57. **Pagani M, Nardo D, Högberg G, Larsson SA.** Gray matter changes in limbic cortex in PTSD are associated with trauma load and EMDR outcome. 25<sup>th</sup> Meeting of the International Society of Traumatic Stress Studies, November 5<sup>th</sup>-7<sup>th</sup> **2009**, Atlanta USA. Abs Book pp: 146
58. **Sánchez Catasús CA, Pagani M, Samper J, Díaz R, Galán L, Aguila A, Alvarez González L, Llibre-Rodríguez J, Fernández Y, Valdés Sosa P.** Cerebrovascular Reserve In Healthy And Mild Cognitive Impaired Subjects: A Single Photon Emission Study. European Association of Nuclear Medicine Congress; October 10<sup>th</sup>-14<sup>th</sup>, 2009, Barcelona, Spain. **Eur J Nuc Med Mol Imaging 2009**; 36: S378
59. **Pagani M, Dessi B, Morbelli S, Brugnolo A, Salmaso D, Piccini A, Mazzei A, Villavecchia G, Larsson SA, Rodriguez G, Nobili F.** MCI patients declining and not declining at mid-term follow-up: FDG-PET findings. European Association of Nuclear Medicine Congress; October 10<sup>th</sup>-14<sup>th</sup>, 2009, Barcelona, Spain. **Eur J Nuc Med Mol Imaging 2009**; 36: S167
60. **Pagani M, Manouilenko I, Stone-Elander S, Odh R, Salmaso D, Danielsson AM, Hatherly R, Fränden M, Jacobsson H, Larsson SA, Bejerot S.** Attentional, neurological and autistic components of Asperger disorder. A <sup>11</sup>C-butanol PET/CT study. European Association of Nuclear Medicine Congress; October 10<sup>th</sup>-14<sup>th</sup>, 2009, Barcelona, Spain. **Eur J Nuc Med Mol Imaging 2009**; 36: S284
61. **Manouilenko I, Stone-Elander S, Odh R, Salmaso D, Danielsson AM, Hatherly R, Jacobsson H, Larsson SA, Bejerot S, Pagani M.** Cerebral blood flow distribution in autism spectrum disorder – A <sup>11</sup>C- Butanol PET/CT study. Society of Nuclear Medicine Annual Meeting; June 13<sup>th</sup>-17<sup>th</sup> 2009, Toronto, Canada. **J Nuc Med 2009**; 50: S1280
62. **Pagani M.** Neurobiological substrate of psychiatric disorders investigated by multivariate analyses. 3<sup>rd</sup> Conference on Restauracion Neurologica, March 9<sup>th</sup>-13<sup>th</sup> **2009**, Habana, Cuba. Abs Book: 148
63. **Pagani M.** PET and Neuroscience. Pre-conference Neuroimaging Course; 3<sup>rd</sup> Conference on Restauracion Neurologica, March 9<sup>th</sup>-13<sup>th</sup> **2009**, Habana, Cuba
64. **Pagani M, Manouilenko I, Stone-Elander S, Odh R, Salmaso D, Danielsson AM, Hatherly R, Jacobsson H, Larsson SA, Bejerot S.** Neurobiological substrate of autism spectrum disorder – Cerebral blood flow distribution of <sup>11</sup>C-Butanol as assessed by PET/CT. 17<sup>th</sup> European Congress of Psychiatry, January 24<sup>th</sup>-28<sup>th</sup> 2009, Lisbon, Portugal. **European Psychiatry 2009**, 24: S697

65. **Pagani M**, Nardo D, Flumeri F, Salmaso D, Looi J, Sanchez-Crespo A, Larsson SA, Sundin Ö, Högberg G. Volumetric changes in PTSD and in a subgroup of PTSD patients not responding to EMDR psychotherapy. 17<sup>th</sup> European Congress of Psychiatry, January 24<sup>th</sup>-28<sup>th</sup> 2009, Lisbon, Portugal. **European Psychiatry 2009**, 24: S1057. **Awarded as the Best Poster of the Conference**
66. Nobili F, Salmaso D, Morbelli S, Girtler N, Piccardo A, Brugnolo A, Dessi B, Larsson SA, Villavecchia G, Piccini A, Rodriguez G, **Pagani M**. Principal component analysis of FDG PET in amnesic MCI. European Association of Nuclear Medicine Congress; October 11<sup>th</sup>-15<sup>th</sup>, 2008, Munich, Germany. **Eur J Nuc Med Mol Imaging 2008**; 35: S185
67. **Pagani M**, Flumeri F, Nardo D, Salmaso D, Sanchez-Crespo A, Danielsson A-M, Fränden M, Jacobsson H, Larsson SA, Högberg G. Correlations between cerebral blood flow and structural and neuropsychological parameters in Post-traumatic Stress Disorder. European Association of Nuclear Medicine Congress; October 11<sup>th</sup>-15<sup>th</sup>, 2008, Munich, Germany. **Eur J Nuc Med Mol Imaging 2008**; 35: S150
68. **Pagani M**, Flumeri F, Salmaso D, Nardo D, Sanchez-Crespo A, Danielsson A-M, Brolin F, Jacobsson H, Larsson SA, Högberg G. Neurobiological changes in Post Traumatic Stress Disorder following treatment with Eye Movement Desensitisation Reprocessing. European Association of Nuclear Medicine Congress; October 11<sup>th</sup>-15<sup>th</sup>, 2008, Munich, Germany. **Eur J Nuc Med Mol Imaging 2008**; 35: S158
69. **Pagani M**, Salmaso D, Sidiras G, Jonsson C, Danielsson AM, Fränden M, Jacobsson H, Larsson SA, Lind F. Impact of Hypobaric Hypoxia on blood flow distribution in grey and white matter. European Association of Nuclear Medicine Congress; October 11<sup>th</sup>-15<sup>th</sup>, 2008, Munich, Germany. **Eur J Nuc Med Mol Imaging 2008**; 35: S141
70. **Pagani M**, Gardner A, Varrone A, Bejerot S, Sanchez-Crespo A, Danielsson A-M, Brolin F, Jacobsson H, Larsson SA, Salmaso D. <sup>99m</sup>Tc -HMPAO distribution differences at SPECT between depressed females with and without adult ADHD. European Association of Nuclear Medicine Congress; October 11<sup>th</sup>-15<sup>th</sup>, 2008, Munich, Germany. **Eur J Nuc Med Mol Imaging 2008**; 35: S304
71. **Pagani M**. Neurobiological Substrate of psychiatric disorders - Neuroimaging methodologies and patients investigations. II International Conference on Advanced Information and Telemedicine Technologies for Health; October the 1<sup>st</sup>-3<sup>rd</sup> **2008**, Minsk, Belarus. Abs Book: 92-97
72. Flumeri F, Salmaso D and **Pagani M**. Impatto dell'EMDR sulle funzioni e sulla Neurobiologia Cerebrali. VII Annual Congress of the Society for Psychotherapy Research - Italy; September 26<sup>th</sup>-28<sup>th</sup> **2008**, Modena, Italy; Abs Book: 78-79
73. **Pagani M**, Salmaso D, Looi J and Högberg G. Brain functional and volumetric analyses in Post Traumatic Stress Disorder treated by EMDR. 9<sup>th</sup> EMDR Europe Conference - New Perspectives in EMDR. London (UK) June 13<sup>th</sup>-15<sup>th</sup> **2008**. Abs Book: 34-35
74. **Pagani M**, Salmaso D, Flumeri F and Högberg G. The neurobiological substrates of PTSD and EMDR therapy. 9<sup>th</sup> EMDR Europe Conference - New Perspectives in EMDR. London (UK) June 13<sup>th</sup>-15<sup>th</sup> **2008**. Abs Book: 34

75. *Nobili F, Pagani M, Salmaso D, Piccardo R, Morbelli S, Girtler N, Bianchi P, Villavecchia G, Rodriguez G.* Brain glucose metabolism and cognitive function in patients with amnesic mild cognitive impairment (MCI). European Association of Nuclear Medicine Congress; September 30<sup>th</sup>-October 4<sup>th</sup>, 2006, Athens, Greece **Eur J Nuc Med Mol Imaging 2006**; 33: S156
76. *Pagani M, Högberg G, Salmaso D, Nardo D, Jonsson C, Danielsson AM, Engelin L, Jacobsson H, Larsson SA, Hällström T, and Sundin Ö.* Effects of EMDR therapy on <sup>99m</sup>Tc-HMPAO distribution in Post-traumatic Stress Disorder. European Association of Nuclear Medicine Congress; September 30<sup>th</sup>-October 4<sup>th</sup>, 2006, Athens, Greece **Eur J Nuc Med Mol Imaging 2006**; 33: S169
77. *Pagani M, Salmaso D, Jonsson C, Danielsson AM, Hatherly R, Jacobsson H, Larsson SA, Gardner A.* Impact of mitochondrial dysfunction on <sup>99m</sup>Tc-HMPAO distribution in depressed patients. European Association of Nuclear Medicine Congress; September 30<sup>th</sup>-October 4<sup>th</sup>, 2006, Athens, Greece; **Eur J Nuc Med Mol Imaging 2006**; 33: S168
78. *Varrone A, Pagani M, Salmaso D, Salvatore E, Sansone V, Nobili F, Rodriguez G, Barone P, Larsson SA, De Michele G, Filla A, Pappatà S, Salvatore M.* Anterior cingulate hypoperfusion differentiates progressive supranuclear palsy from Parkinson's disease; voxel-based analysis and CBA-based PCA analysis of <sup>99m</sup>Tc-ECD SPECT data. European Association of Nuclear Medicine Congress; October 15<sup>th</sup>-19<sup>th</sup>, 2005, Istanbul, Turkey. **Eur J Nuc Med Mol Imaging 2005**; 32: S64
79. *Pagani M, Salmaso D.* The clinical impact of statistical methods in the assessments of brain diseases with PET and SPECT: Multivariate analysis and SPECT. Symposium at the Congress of the European Association of Nuclear Medicine; October 15<sup>th</sup>-19<sup>th</sup>, 2005 in Istanbul/Turkey. **Eur J Nuc Med Mol Imaging 2005**; 32: S27
80. *Pagani M, Nobili F, Salmaso D, Jonsson C, Finnbogason M, Rickman C, Larsson SA, Rodriguez G.* Improved Diagnosis of Moderate Alzheimer's Disease by Optimising Counts Normalisation. A CBA-based Principal Component Analysis of Perfusion SPECT. European Association of Nuclear Medicine Congress; October 15<sup>th</sup>-19<sup>th</sup>, 2005, Istanbul, Turkey. **Eur J Nuc Med Mol Imaging 2005**; 32: S184
81. *Pagani M, Gardner A, Salmaso D, Jonsson C, Finnbogason M, Rickman C, Jacobsson C, Larsson SA, Hällström T.* Increased rCBF in Atypical Depression as compared to Major Depressive Disorder and Normal Controls. A SPECT study. European Association of Nuclear Medicine Congress; October 15<sup>th</sup>-19<sup>th</sup>, 2005, Istanbul, Turkey. **Eur J Nuc Med Mol Imaging 2005**; 32: S194
82. *Högberg G, M Pagani M, Salmaso D, Stain R, Soares J, Åberg-Wisted A, Jacobsson H, Hällström T, Larsson SA, Sundin Ö.* A randomised study of public transportation workers suffering PTSD, being treated with EMDR and assessed by psychometric scales and physiological parameters during symptom provocation. 9<sup>th</sup> European Conference on Traumatic Stress June 18<sup>th</sup>-21<sup>st</sup> **2005**, Stockholm, Sweden. Abs book: 23; S1G:3
83. *Pagani M, Högberg G, Salmaso D, Tarnell B, Soares J, Åberg-Wisted A, Jacobsson H, Hällström T, Larsson SA, Sundin O.* Auditory recall in 47 subjects exposed to either assaultive or non-assaultive trauma and developing or not PTSD. A SPECT study. 9<sup>th</sup> European Conference on Traumatic Stress June 18<sup>th</sup>-21<sup>st</sup> **2005**, Stockholm, Sweden. Abs book: 23; S1G:2

84. **Pagani M**, Nobili F, Salmaso D, Nardo D, Thurffjell L, Larsson SA, Rodriguez G. Alzheimer's Disease: a comparative study using Statistical Parametric Mapping and Principal Component Analysis. 11<sup>th</sup> Organisation for Human Brain Mapping Meeting, June 12<sup>th</sup>-16<sup>th</sup> 2005, Toronto, Canada (684 T-PM). **NeuroImage 2005**; 26: S39
85. **Pagani M**, Salmaso D. Optimisation of statistical methodologies for a better diagnosis of neurological and psychiatric disorders by means of SPECT. 14<sup>th</sup> Congress of the Hungarian Society of Nuclear Medicine, May 26<sup>th</sup>-28<sup>th</sup>, 2005, Várgesztes, Hungary
86. **Pagani M**, Salmaso D, Nardo D, Jonsson C, Danielsson AM, Jacobsson H and Larsson SA. Accuracy of possible and probable Alzheimer Disease diagnosis: a methodological comparison using SPM and Principal Component Analysis. European Association of Nuclear Medicine Congress, Helsinki, Finland, Sept 4<sup>th</sup>-8<sup>th</sup>, 2004; **Eur J Nuc Med Mol Imaging 2004**; 31: S218
87. **Kimiaei S**, Al-Mazrou R, **Pagani M**. The effect of emission-transmission contamination of image quantification in PET. European Association Nuclear Medicine Congress, Amsterdam, The Netherlands, Aug 23<sup>rd</sup>-Aug27<sup>th</sup> 2003; **Eur J Nuc Med Mol Imaging 2003**; 30: S174
88. **Pagani M**, Gardner A, Salmaso D, Sánchez-Crespo A, Jonsson C, Jacobsson H, Hällström T and Stig A Larsson. Effect of Gender on Cerebral Hemispheres and Lobes Uptake in 183 Subjects Examined at Rest by <sup>99m</sup>Tc-HMPAO SPET. European Association Nuclear Medicine Congress, Amsterdam, The Netherlands, Aug 23<sup>rd</sup> -Aug27<sup>th</sup> 2003; **Eur J Nuc Med Mol Imaging 2003**; 30: S198
89. **Pagani M**, Högberg G, Salmaso D, Soares J, Åberg-Wistedt A, Sanchez-Crespo A, Jacobsson H, Hällström T, Stig A Larsson and Sundin Ö. Influence of Type of Traumatic Stressor on rCBF Response to Auditory Experience Recall in Post Traumatic Stress Disorder. A SPET study. European Association Nuclear Medicine Congress, Amsterdam, The Netherlands, Aug 23<sup>rd</sup>-Aug27<sup>th</sup> 2003; **Eur J Nuc Med Mol Imaging 2003**; 30: S214
90. **Pagani M**, Gardner A, Salmaso D, Sánchez-Crespo A, Jonsson C, Jacobsson H, Hällström T and Stig A Larsson. Principal Component Analysis and Volumes of Interest Analysis in Depressed Patients by <sup>99m</sup>Tc-HMPAO SPET - A Methodological Comparison. European Association Nuclear Medicine Congress, Amsterdam, The Netherlands, Aug 23<sup>rd</sup>-Aug27<sup>th</sup> 2003; **Eur J Nuc Med Mol Imaging 2003**; 30: S214
91. **Pagani M**, Sasaki T, Furukawa T, Micucci F, Okazawa H, Kawai K, Yoshimoto M, Yonekura Y, Fujibayashi Y. Assessment of non-protein thiols concentration and <sup>99m</sup>Tc-meso-HMPAO uptake in mouse brain at normoxic, hyperoxic and hypoxic ambient conditions. 50<sup>th</sup> Meeting of the Society of Nuclear Medicine, New Orleans, USA, June 21<sup>st</sup>-25<sup>th</sup>, 2003. **J Nuc Med 2003**; 44: S225
92. **Pagani M**, Sasaki T, Furukawa T, Micucci F, Okazawa H, Kawai K, Yoshimoto M, Yonekura Y, Fujibayashi Y. Changes in <sup>99m</sup>Tc-meso-HMPAO uptake and in glutathione and non-protein thiols concentrations in mouse brain following exposure to normobaric hyperoxia. Brain 2003, Calgary, Canada, June 29<sup>th</sup>-July 3<sup>rd</sup>, 2003
93. **Jonsson C**, Schnell PO, **Pagani M**, Jacobsson H, Stone-Elander S, Engelin L, Danielsson AM, Johansson L, Larsson SA. Introduction of a "stack phantom" system for PET. 8<sup>th</sup> Congress of the World Federation of Nuclear Medicine & Biology, Santiago, Chile, Sept 29<sup>th</sup>-Oct 4<sup>th</sup> 2002. **World J Nuc Med 2002**; 1: S159

94. **Pagani M**, Salmaso D, Sanchez-Crespo A, Jonsson C, Engelin L, Danielsson AM, Jacobsson H, Wägner A, Larsson SA. Regional Cerebral Blood Flow differences in early and severe Alzheimer's Disease as assessed by SPECT and Principal Component Analysis. 8<sup>th</sup> Congress of the World Federation of Nuclear Medicine & Biology, Santiago, Chile, Sept 29<sup>th</sup>-Oct 4<sup>th</sup> 2002. **World J Nuc Med 2002**; 1: S95
95. **Pagani M**, Högberg G, Salmaso D, Soares J, Åberg-Wistedt A, Jacobsson H, Hällström T, Larsson SA and Sundin Ö. Effects of auditory recall experience on regional cerebral blood flow as assessed by <sup>99m</sup>Tc-HMPAO SPECT in 13 Post Traumatic Stress Disorder patients. 8<sup>th</sup> Congress of the World Federation of Nuclear Medicine & Biology, Santiago, Chile, Sept 29<sup>th</sup>-Oct 4<sup>th</sup> 2002. **World J Nuc Med 2002**; 1: S96
96. **Pagani M**, Gardner A, Salmaso D, Sanchez-Crespo A, Jonsson C, Jacobsson H, Wägner A, Hällström T, Larsson SA. Regional cerebral blood flow changes as assessed by <sup>99m</sup>Tc-HMPAO SPECT in 70 Unipolar Depressed patients at rest. 8<sup>th</sup> Congress of the World Federation of Nuclear Medicine & Biology, Santiago, Chile, Sept 29<sup>th</sup>-Oct 4<sup>th</sup> 2002. **World J Nuc Med 2002**; 1: S95
97. **Pagani M**, Kovalev V, Lundqvist R, Jacobsson H, Larsson SA, Thurffjell L. A new approach for Alzheimer's Disease and Frontal Lobe Dementia diagnosis and classification based on combined SPECT intensity and gradient features. European Association Nuclear Medicine Congress, Wien, Austria, Aug 30<sup>th</sup>-Sept 4<sup>th</sup> 2002; **Eur J Nuc Med 2002**; 29: S284
98. **Pagani M**, Kovalev VA, Salmaso D, Jonsson C, Thurffjell L, Lundqvist R, Wägner A, Jacobsson H, Larsson SA. Classification of early and severe Alzheimer Disease. Differences in accuracy basing the analysis of SPECT CBF data on either hippocampus, temporo-parietal lobes or factorial analysis. European Association Nuclear Medicine Congress, Wien, Austria, Aug 30<sup>th</sup>-Sept 4<sup>th</sup> 2002; **Eur J Nuc Med 2002**; 29: S135
99. **Pagani M**, Gardner A, Salmaso D, Sanchez-CrespoA, Jonsson C, Ramström C, Wägner A, Jacobsson H, S.A. Larsson SA. Value of Nucleus Caudatus and Thalamus SPECT rCBF in discriminating among Alzheimer Disease, Unipolar Depression and normal individuals. European Association Nuclear Medicine Congress, Wien, Austria, Aug 30<sup>th</sup>-Sept 4<sup>th</sup> 2002; **Eur J Nuc Med 2002**; 29: S134
100. Gardner A, **Pagani M**, Jacobsson H, Lindberg G, Larsson SA, Wägner A, Hällstrom T. HMPAO-SPECT with computerized brain atlas (CBA) in chronic depression. **European Psychiatry 2002**;17: S126
101. Jonsson C, **Pagani M**, Johansson L, Sánchez-Crespo A, Schnell PO, Larsson SA. A novel Klein-Nishina based scatter correction method for SPECT and planar imaging. IEEE Medical Images Conference, San Diego, USA, November 4<sup>th</sup>-10<sup>th</sup>, **2001**: Abs M13C-15: 163
102. Sanchez-Crespo A, Hatherly R, Jonsson C, Schnell PO, Jacobsson H, **Pagani M**, Thorell JO, Petersson J, Mure M, Lindahl SGE, Larsson SA. A quantitative method for simultaneous ventilation-perfusion lung SPECT. European Association Nuclear Medicine Congress, Napoli, Italy, August 25<sup>th</sup>-29<sup>th</sup>, 2001. **Eur J Nuc Med 2001**; 28: S1072
103. **Pagani M**, Gardner A, Salmaso D, Lindberg G, Jonsson C, Hatherly R, Finnbogason M, Johansson L, Jacobsson H, Hällström T, Larsson SA. Changes in rCBF distribution associated with muscular tension and psychastenia. First <sup>99m</sup>Tc-HMPAO SPECT study. European Association Nuclear Medicine Congress, Napoli, Italy, August 25<sup>th</sup>-29<sup>th</sup>, 2001. **Eur J Nuc Med 2001**; 28: S1241

104. **Pagani M**, Gardner A, Salmaso D, Lindberg G, Jonsson C, Jacobsson H, Danielsson AM, Sanchez-Crespo A, Schnell PO, Hälström T, Larsson SA. Cerebral blood flow changes as assessed by  $^{99m}\text{Tc}$ -HMPAO SPECT in two subgroups of major depressive disorder patients. European Association Nuclear Medicine Congress, Napoli, Italy, August 25<sup>th</sup>-29<sup>th</sup>, 2001. **Eur J Nuc Med** 2001; 28: S1033
105. Gardner A, Hagenfeldt L, Jacobsson H, Nennesmo I, **Pagani M**, Solders G, Wibom R, Lindberg G. Intestinal pseudo-obstruktion vid mitokondriell dysfunktion. Congress of Swedish Medical Society, Gothemburg, Sweden, Nov 29<sup>th</sup>-Dec 1<sup>st</sup>, Svenska **Lakaresällskapetets Handlingar** 2000; 109: 189
106. **Pagani M**, Salmaso D, Jonsson C, Hatherly R, Jacobsson H, Larsson SA and Wagner A. Effect of Attenuation Correction on regional cerebral blood flow distribution in normal subjects at rest. 7<sup>th</sup> Asia and Oceania Congress of Nuclear Medicine and Biology, Istanbul, Turkey, 1<sup>st</sup>-5<sup>th</sup> October 2000
107. **Pagani M**, Salmaso D, Jonsson C, Lundqvist R, Ramström C, Schnell PO, Thurffjell L, Wägner A, Jacobsson H and Larsson SA. Alzheimer Disease and Frontal Lobe Dementia: differential rCBF distribution and mapping by  $^{99m}\text{Tc}$ -HMPAO SPECT. 6<sup>th</sup> International Stockholm/Springfield Symposium on advances in Alzheimer Therapy. Stockholm, Sweden, 5<sup>th</sup>-8<sup>th</sup> April 2000. Abs Book: 176
108. Jonsson C, Larsson SA, **Pagani M**, Johansson L and Jacobsson H. Experimental scatter and attenuation "free" SPECT/PET imaging using a novel sandwich phantom design. Congress of Swedish Medical Society, Stockholm, Sweden 1<sup>st</sup>-3<sup>rd</sup> Dec 1999, Svenska **Lakaresällskapetets Handlingar** 1999;108; 255
109. **Pagani M**, Salmaso D, Jonsson C, Lundqvist R, Ramström C, Schnell PO, Thurffjell L, Wägner A, Jacobsson H, Larsson SA. Comparison between Alzheimer Disease and frontal lobe dementia rCBF  $^{99m}\text{Tc}$ -HMPAO SPECT. Congress of Swedish Medical Society, Stockholm, Sweden 1<sup>st</sup>-3<sup>rd</sup> Dec 1999, Svenska **Lakaresällskapetets Handlingar** 1999;108: 255
110. Larsson SA, Jonsson C, **Pagani M**, Johansson L and Jacobsson H. Experimental scatter- and attenuation "free" SPECT/PET imaging using a novel sandwich phantom design. IEEE Medical Imaging Conference, Seattle, USA, 27<sup>th</sup>-30<sup>th</sup> October 1999; Abs Book M11-7: 92
111. Larsson SA, Jonsson C, **Pagani M**, Johansson L and Jacobsson H. Design of a novel and flexible phantom system for scatter- and attenuation"free" experimental SPECT and PET imaging. European Association Nuclear Medicine Congress, Barcelona 9<sup>th</sup>-13<sup>th</sup> October 1999; **Eur J Nuc Med** 1999; 26: S1040
112. **Pagani M**, Jacobsson H, Salmaso D, Ramström C, Jonsson C, Schnell PO, Thurffjell L, Wägner A and Larsson SA. Mapping pathological rCBF in Alzheimer Disease and Frontal Lobe Dementia using a standardised brain atlas. European Association Nuclear Medicine Congress, Barcelona 9<sup>th</sup>-13<sup>th</sup> October 1999; **Eur J Nuc Med** 1999; 26: S973
113. Kovalev V, Thurffjell L, Lundqvist R and **Pagani M**. Classification of SPECT Scans of Alzheimer's Disease and Frontal Lobe Dementia based on intensity and gradient information. Medical Image Understanding and Analysis 1999 (MIUA'99) Examination Schools, Oxford, 19<sup>th</sup> -20<sup>th</sup> July 1999; Proceeding book: 69-72



114. *Danielsson AM, Engelin L, Hatherly R, Jacobsson H, Jonsson, Larsson SA and. Pagani M.* Serious artefacts due to improper outline definition in attenuation corrected rCBF SPECT examinations. 9<sup>th</sup> Scandinavian Congress of Clinical Physiology & III Nordic Congress of Nuclear Medicine, Helsinki, Finland, 11<sup>th</sup>-12<sup>th</sup> June 1998. **Clinical Physiology 1998**; 18: 268
115. *Pagani M, Lundqvist R, Thurffjell L, Jacobsson H, Jonsson C and Larsson SA.* Comparison between regional 2D and volumetric 3D brain SPECT data evaluation in resting state human brain. Meeting of the Society of Nuclear Medicine, Toronto, Canada, 7<sup>th</sup>-11<sup>th</sup> June 1998; **J Nuc Med 1998**; 39: S106
116. *Engelin L, Danielsson AM, Hatherly R, Jonsson C, Pagani M, Jacobsson H and Larsson SA.* Serious artefacts due to improper outline definition in attenuation corrected rCBF SPECT examinations. Meeting of the Society of Nuclear Medicine, Toronto, Canada, 7<sup>th</sup>-11<sup>th</sup> June 1998; **J Nuc Med Tech 1998**; 26: 120
117. *Pagani M, Ansjön R, Jacobsson H, Jonsson C, Larsson SA, Lind F, Sumen G, Uusijärvi J.* Effect of hypoxia and hyperbaric oxygen on the uptake and distribution of stabilized <sup>99m</sup>Tc-HMPAO in the human brain at rest. Congress of Swedish Medical Society, Stockholm, Sweden 26<sup>th</sup>-28<sup>th</sup> Nov 1997, **Svenska Lakaresällskapets Handlingar 1997**; 106: 283
118. *Pagani M, Jacobsson H, Jonsson C and Larsson SA.* Comparison between regional 2D and volumetric 3D brain SPECT data evaluation in resting state human brain. Congress of Swedish Medical Society, Stockholm, Sweden 26<sup>th</sup>-28<sup>th</sup> Nov 1997, **Svenska Lakaresällskapets Handlingar 1997**; 106: 282
119. *Thurffjell L, Andersson J, Pagani M, Jonsson C, Hult R, Lundqvist R, Wagner A.* Automatic detection of hypoperfused areas in SPECT brain scans. IEEE Medical Imaging, Annual Conference 1997. Albuquerque, USA, 12<sup>th</sup>-14<sup>th</sup> Nov 1997; Proceedings Book: 46-51
120. *Jonsson C, Pagani M, Ingvar M, Serrander M, Thurffjell L, Kimiaei S, Jacobsson H and Larsson SA.* Cerebral brain blood flow rCBF-imaging with SPECT and PET- A comparison using a computerized brain atlas. Meeting of the Society of Nuclear Medicine, San Antonio, USA, 1-5<sup>th</sup> Jun 1997; **J Nuc Med 1997**; 38: S217
121. *Pagani M, Ansjön R, Danielsson AM, Hatherly R, Jacobsson H, Jonsson C, Larsson SA, Lind F, Uusijärvi J.* Comparison between <sup>99m</sup>Tc-HMPAO uptake and tissue spectrophotometry in thigh muscle under different conditions. Annual Congress of Swedish Medical Society, Stockholm, Sweden 27<sup>th</sup>-29<sup>th</sup> Nov 1996, **Svenska Lakaresällskapets Handlingar 1996**; 105: 293
122. *Serrander M, Ingvar M, Jacobsson H, Jonsson C, Kimiaei S, Larsson SA, Pagani M, Thurffjell L.* Reproducibility over time of <sup>99m</sup>Tc-HMPAO SPECT blood flow studies. Congress of Swedish Medical Society, Stockholm, Sweden 27<sup>th</sup>-29<sup>th</sup> Nov 1996, **Svenska Lakaresällskapets Handlingar 1996**; 105: 293
123. *Jonsson C, Ingvar M, Jacobsson H, Kimiaei S, Larsson SA, Pagani M, Serrander M, Thurffjell L.* Jämförande av rCBF med PET och SPECT- Utvärdering med datoriserad hjärnatlas. Congress of Swedish Medical Society, Stockholm, Sweden 27<sup>th</sup>-29<sup>th</sup> Nov 1996, **Svenska Lakaresällskapets Handlingar 1996**; 105 292
124. *Pagani M, Jonsson C, Ingvar M, Thurffjell L, Kimiaei S, Serrander M, Jacobsson H and SA Larsson.* Implementation of the Computerized Brain Atlas for PET/SPECT: comparative studies. European Society of Nuclear Medicine, Copenhagen, Denmark, 14<sup>th</sup>-18<sup>th</sup> Sept 1996, **Eur J Nucl Med 1996**; 23: S1127

125. **Pagani M**, Fukuyama H, Tsuchida T, Ishizu K, Okazawa H, Nishizawa S, Sadato N, Yonekura Y, Ishikawa M and Konishi J. Positron Emission Tomography follow-up study in patients with Internal Carotid Artery occlusion. 6<sup>th</sup> World Congress of the World Federation of Nuclear Medicine and Biology in Sydney, Australia, 23<sup>rd</sup>-28<sup>th</sup> Oct 1994, **Eur J Nucl Med** **1994**; 21: S110
126. *Blohme` L*, **Pagani M**, Olofsson P, Takolander R och Swedenborg J. Effects of CO2 on middle cerebral artery hemodynamics before and after carotid endarterectomy. Ultrasound in management of peripheral vascular disease, Stockholm, Sweden, **1991**; Abs book: P7
127. *Blohme' L*, **Pagani M**, Parra-Hoyos H, Olofsson P, Takolander R och Swedenborg J. Flödeshastighet i arteria cerebri media i samband med carotisendarterektomi. Congress of Swedish Medical Society, Stockholm, Sweden 29<sup>th</sup> Nov-1<sup>st</sup> Dec 1989, **Svenska Lakaresallskapetets Handlingar** **1989**; 98: 195
128. *Hale PC*, **Pagani M**, Powell S, Wilkinson J, Burnand KG, Browse NL. Simultaneous response to carbon dioxide inhalation of middle cerebral and internal carotid artery blood flow velocity peak frequency. Tripartite Meeting of the Surgical Research Society, Bristol, England, **1988**, Abs Book: 37)

## COMMUNICATIONS AT ITALIAN CONFERENCES

1. *Micarelli A, Napolitano B, Pagani M, Schillaci O, Rossetti C, Chiaravalloti A, Bruno E, Alessandrini M.* Il coinvolgimento corticale nel deficit vestibolare acuto. (23<sup>rd</sup> Congresso Nazionale della Società Italiana di Audiologia, Foniatria e Scienze correlate, Bari 5<sup>th</sup> -8<sup>th</sup> October **2011**. Abs Book pp. G4,58)
2. *Flumeri F, Salmaso D and Pagani M.* Impatto dell'EMDR sulle funzioni e sulla Neurobiologia Cerebrali. (Annual Congress of Society for Psychotherapy Research; Modena 26<sup>th</sup> -28<sup>th</sup> September **2008**. Abs Book pp. 78-79)
3. *Salmaso D, Pagani M.* Effetto dell'altitudine su un compito di apprendimento. (Società Italiana di Neuropsicologia, Bologna, 17<sup>th</sup> May **1996**)
4. *Pagani M, Jonsson C.* Determinazione non invasiva dell'emoglobina desaturata. (4<sup>o</sup> National Congress of Sports Medicine, Firenze, 2<sup>nd</sup> -4<sup>th</sup> May **1996**, Congress Acta p. 153-161)
5. *Pagani M.* Oxygen-dependence. (National Congress and 2<sup>o</sup> International Meeting on Cystic Fibrosis, Roma, 9<sup>th</sup> -10<sup>th</sup> February **1996**, Congress Acta p. 26-30)
6. *Pagani M, Casolino D, Riva D, Gramaglia A and Giorgi C.* Trattamento di metastasi cerebrali con radiochirurgia stereotassica mediante acceleratore lineare. ("Radiazioni dalla teoria alle applicazioni multidisciplinari", National Conference of SIRR e GIR, Pisa, 24<sup>th</sup> -26<sup>th</sup> November **1994**; Proceeding book: 159-162)
7. *Pagani M, Zambelli M.* Evoluzione e diffusione dell'impiego della PET sul territorio nazionale ed internazionale. (Conference of INPRAT about "PET in medicine and industry", Viterbo, 14<sup>th</sup> -15<sup>th</sup> May **1992**, Congress Acta p. 175-195)