

CURICULUM VITAE

Name HENRY ENGLER Address Av. Ricaldoni 2010 Tel: 24803238 henry.engler@cudim.org www.cudim.org	Position, title MD, PhD, Professor
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Education/Training

Faculty of Medicine, Montevideo, Uruguay	Bachelor	1965-1970
Faculty of Medicine, Uppsala, Gävle Hospital, Sweden	Examined MD Resident Licensed MD	1988-1995 1995 1995-1996 25-04-1997
Faculty of Medicine, Uppsala, Sweden	Specialist in Nuclear Medicine	25-02-2003
Faculty of Medicine, Montevideo, Uruguay	Professor ad- honorem	22-11-2006
Faculty of Sciences, Montevideo, Uruguay	Professor	04-12-2006
Department of Medical Sciences Uppsala University, Sweden	PhD	10-05-2008

Positions

Medical responsible for the first Swedish “Center for young people with Parkinson’s disease”, Neurocentrum, Uppsala University Hospital, 1997

MD at the Uppsala University PET Centre, 1997.

Medical responsible for the Uppsala University PET Centre, 1998-2002

Medical responsible for the Uppsala Research Imaging Solutions 01/04/2002 -01/05/2003

Head of Medicine Department, Uppsala Imanet AB, 01/05/2003-01/09/2003

Chief Medical Officer, Uppsala Imanet, 01/09/2003 to 01/04/2006

Medical Consultant, Uppsala Imanet AB, 01/04/2006-01/06/2006

Medical Consultant, Department of Nuclear Medicine, Uppsala University Hospital. 2005-09-01-
Academic Director of the Uruguay University Committee (CUPU) for the project “Ciclotron/PET Centre in Uruguay” and President of the National Committee (2006-)

From 2004 elected member of the Gerson Lehrman Group's Council of Healthcare Advisors (New York)

Professor ad honorem: Department of Nuclear Medicine, Faculty of Medicine, Uruguay University, Montevideo, 22 November 2006

Professor, Nuclear Research Centre, Faculty of Sciences, Uruguay University, Montevideo, 4

December 2006-

General Director of the Uruguayan Centre of Molecular Imaging, UCMI (CUDIM), 21 January, 2008-

PhD (Department of Medical Sciences, Faculty of Medicine, Uppsala, Sweden), 10th May 2008.

Member of the Alzheimer's Research Trust's Expert Referee Panel. (The Alzheimer's Research Trust's is the UK's leading research charity for dementia), 2008.

President of the Latinamerican Network of Molecular Imaging (CLAIM), 2011.

Permanent member of the society of Imaging, Cuba, June 2011

Member of the Editorial Board of the American Journal of Molecular Imaging and Molecular Biology, November 2011.

Awards and recognitions

In 2002 presented for the first time images of amyloid depositions obtained with PET and PIB in Alzheimer patients at the 8th International Conference on Alzheimer's disease, Stockholm, 2002. Comments to this presentation were published in Science (News of the Week) and reported by the BBC of London. This work was classified as one the "100 Top Science Stories of 2002 in the World" in the Discover magazine, USA.

Prize for "Top Clinical Abstract" in the conference of the Academy of Molecular Imaging, Madrid, 2003

Shared the "Alzheimer's disease Neuroimaging Award" in 2004 for recognition of the "best scientific paper" published in the world after August 2002 and before July 2004, Philadelphia, USA.

Honoured by the Municipal Council of the City of Montevideo, Uruguay, 19 March, 2007

Publications, patents and abstracts

Published articles

1. Klunk W*, Engler H*, Nordberg A, Wang Y, Blomqvist G, Holt D, Bergström M, Huang G, Estrada S, Debnath M, Barletta J, Price J, Sandell J, Lopresti B, Wall A, Antoni G, Mathis Ch, Långström B. *Imaging Brain Amyloid in Alzheimer's Disease Using the Novel PET Tracer, PIB. Annals of Neurology*, 2004; 55:306-319. *Klunk W and Engler H share the first author position in this paper. **The article received the Alzheimer's disease Neuroimaging Award for recognition of the "best paper" published in any peer-reviewed journal in the world after August 2002 but before July 2004, Philadelphia, USA.**
2. Engler H, Lundberg PO, Ekblom Karl, Nennesmo I, Nilsson A, Bergström M, Tsukada Hideo, Hartvig P, Långström B. *Multitracer study with Positron Emission Tomography in Creutzfeldt-Jakob disease. European Journal of Nuclear Medicine*, Vol. 30 No.1, 2003, January.
3. Henry Engler, William Klunk, Agneta Nordberg, Gunnar Blomqvist, Daniel Holt, Yanming Wang, Mats Bergström, Sergio Estrada, Manik Debnath, Julien Barletta, Johan Sandell, Anders Wall, Gunnar Antoni, Chester Mathis, Bengt Långström. *First PET study with a Benzothiazol Amyloid-Imaging Agent (PIB) in Alzheimer's Disease Patients and Healthy Volunteers. The Living Brain and Alzheimer's*. Hyman et al, Springer-Verlag,

Berlin Heidelberg, 06-2004.

4. H. Engler; A. Forsberg, Ove Almkvist; G. Blomquist, ; E. Larsson; I. Savitcheva; A. Wall; A. Ringheim; B. Långström; A. Nordberg, *Two-years follow-up of amyloid depositions in patients with Alzheimer's disease*. **Brain**. Nov 2006, 129: 2856-2866. Advance access published July 19, 2006
5. Ribom D, Engler H, Blomquist Erik, Smits A,. *Potential significance of ¹¹C-methionine PET as a marker for the radiosensitivity of low-grade gliomas*. **European Journal of Nuclear Medicine**, Vol. 29, N.5, May 2002.
6. Ribom D, Eriksson A, Hartman M, Engler H, Nilsson A, Långström B, Bolander H, Bergström M, and Smits A. *Positron Emission Tomography ¹¹C-Methionine and survival in patients with low-grade gliomas*. **Cancer** 92, 1541- 1549. 2001
7. Trampal C, Engler H. *PET in neurology and psychiatry II*. Published in the **Rev. Esp. Med. Nuclear**. Article in Spanish. 21, 6 (439-455), October 2002
8. Scott B, Borgman A, Engler H, Jonhels B, Aquilonius SM. Gender differences in Parkinson's disease symptom profile. **Acta Neurol Scan** 2000: 102: 37-43
9. Klunk W, Engler H, Nordberg A, Bacskai B, Wang Y, Price J, Bergström M, Hyman BT, Långström B, Mathis CH. *Imaging the Pathology of Alzheimer's disease: Amyloid-Imaging with PET*. **Neuroimaging Clinics of North America**, Vol. 13(4), p.781-789, Nov 2003.
10. Trampal C, Engler H, Juhlin C, Bergström M, Långström B. *Pheochromocytomas: detection with ¹¹C-Hydroxyephedrine-PET*. **Radiology**. Vol. 230 (2), p.423-428. February 2004.
11. Ribom D, Schoenmaekers M, Engler H, Smits A. *Evaluation of (¹¹)C-methionin PET as surrogate endpoint after treatment of grade 2 gliomas*. **J Neurooncol.**, 2005 Feb; 71 (3):325-32
12. Anders Johansson, Henry Engler, Gunnar Blomquist, Berit Scott, Anders Wall, Sten-Magnus Aquilonius, Bengt Långström, Håkan Askmark. *Evidence for Astrocytosis in ALS demonstrated by ³[¹¹C](L)-deprenyl-D2 PET*. **J Neurol Sci**. 2007 Mar 6; 17346749
13. Anton Forsberg; Henry Engler; Ove Almkvist; Gunnar.Blomquist; Göran Hagman; Anders Wall; Anna Ringheim; Bengt Långström; Agneta Nordberg. *PET imaging of amyloid deposition in patients with mild cognitive impairment*. **Neurobiology of aging**. February 2007.
14. Henry Engler, Alexander Frizell Santillo, Shu Xia Wang, Maria Lindau, Irina Savitcheva, Agneta Nordberg, Lars Lannfelt, Bengt Långström, Lena Kilander. *In vivo amyloid imaging with PET in frontotemporal dementia*. **EJNM**, DOI 10.1007/s00259-

007-0523-1, September, 2007. Eur J Nucl Med Mol Imaging (2008) 35:100–106

15. A Johansson, I Savitcheva, A Forsberg, H Engler, B Långström, A Nordberg, H Askmark [¹¹C]-PIB Imaging in Patients with Parkinson's Disease: Preliminary Results. **Parkinsonism Relat Disord** (2007), doi:[10.1016/j.parkreldis.2007.07.010](https://doi.org/10.1016/j.parkreldis.2007.07.010)
16. Ahmadul Kadir, MD, Niels Andreasen, MD, PhD, Ove Almkvist, PhD, Anders Wall, PhD, Anton Forsberg, MSc, Henry Engler, MD, Göran Hagman, MSc, Marie Lärksäter, BSc, Bengt Winblad, MD, PhD, Henrik Zetterberg, MD, PhD, Kaj Blennow, MD, PhD, Bengt Långström, PhD, and Agneta Nordberg, MD, PhD. *Effect of phenserine treatment on brain functional activity and amyloid in AD.* **Annals of Neurology**, 2008.
17. Clas Linnman; Lieuwe Appel; Anne Söderlund; Örjan Frans; Henry Engler; Tomas Furmark; Torsten Gordh; Bengt Långström; Mats Fredrikson. *Chronic whiplash symptoms are related to altered regional cerebral blood flow in the resting state.* **European journal of pain**, 2008. doi:[10.1016/j.ejpain.2008.03.001](https://doi.org/10.1016/j.ejpain.2008.03.001)
18. Gunnar Blomquist, Henry Engler, Agneta Nordberg, Anna Ringheim, Anders Wall, Anton Forsberg, Sergio Estrada, Urban Höglund, Pernilla Frändberg, Mats Bergström, Gunnar Antoni, Bengt Långström *Unidirectional influx and net accumulation of Pittsburgh compound B, PIB.* **The Open Neuroimaging Journal**. 2008; Vol 2; pp114-125(12).doi: 10.2174/1874440000802010114.
19. Hanna Örlén, Atle Melberg, Raili Raininko, Eva Kumlien, Miriam Entesarian, Per Söderberg, Magnus Pählman, Niklas Darin, Mårten Kyllerman, Eva Holmberg, Henry Engler, Urban Eriksson, Niklas Dahl. *SPG11 mutations cause Kjellin syndrome, a hereditary spastic paraplegia with thin corpus callosum and central retinal degeneration.* **American Journal of Medical Genetics** 2009. Volume: 150B, Issue: 7, Pages: 984-992
20. Pasha Razifar, Henry Engler, Anna Ringheim, Sergio Estrada, Anders Wall, and Bengt Långström. *An Automated Method for Delineating a Reference Region Using Masked Volumewise Principal-Component Analysis in 11C-PIB PET.* **J Nucl Med Technol** 2009; 37:1–7. DOI: 10.2967/jnmt.108.054296
21. Razifar P, Ringheim A, Engler H, Hall H, Langstrom B. *Masked-Volume-Wise PCA and "reference Logan" illustrate similar regional differences in kinetic behavior in human brain PET study using [11C]-PIB.* **BMC Neurol**. 2009 Jan 7;9(1):2
22. Alexander F Santillo, Lena Skoglund, Maria Lindau, Karin Edebol Eeg-Olofsson, MD, Metin Tovi, MD, Henry Engler, Rose-Marie Brundin, Sofie Ingvast, Lars Lannfelt, Anna Glaser, PhD, Lena Kilander. *Frontotemporal dementia- amyotrophic lateral sclerosis complex is simulated by neurodegeneration with brain iron accumulation.* **Alzheimer Disease and Associated Disorders Journal**, 2009 Jul-Sep;23(3):298-300.
23. Pasha Razifar, Henry Engler, Gunnar blomqvist, Anna Ringheim, Sergio Estrada, Bengt

Långström, Mats Bergström. *Principal component analysis with pre-normalization improves the signal-to-noise ratio and image quality in positron emission tomography studies of amyloid depositions in Alzheimer's disease*. **Phys. Med. Biol.** 54 (2009)1-18, May. Online at: stacks.iop.org/PMB/54/1.

24. Långström B, Grahnén A, Honoré PH, Borlak J, Bergström M, Nielsen B, Vanderheyden J, Watanabe Y, Josephsson R, Høilund-Carlson PF, Schwaiger M, Larson SM, Goldenberg DM, Melzer A, Engler H, Hicks R, Sundin A, Seppänen M, Hedenstierna G, Nordberg A, Brooks D. *The risk of exaggerated risk aversion—a life and death struggle for molecular imaging*. **Eur J Nucl Med Mol Imaging**. 2009 Oct; 36(10): 1693-4.
25. Anton Forsberg, Ove Almkvist, Henry Engler, Anders Wall, Bengt Långström, Agneta Nordberg. *High PIB retention in Alzheimer's disease is an early event with complex relationship with CSF biomarkers and functional parameters*. **Current Alzheimer Research**, 2010, 7, 56-66
26. Kadir A, Almkvist O, Forsberg A, Wall A, Engler H, Långström B, Nordberg A. *Dynamic changes in PET amyloid and FDG imaging at different stages of Alzheimer's disease*. **Neurobiol Aging**. 2010 Aug 3. [Epub ahead of print]
27. Clas Linnman, Lieuwe Appel, Mats Fredrikson, Torsten Gordh, Anne Söderlund, Bengt Långström, Henry Engler. *Elevated [¹¹C]2D-Deprenyl Uptake in Chronic Whiplash Associated Disorder Suggests Persistent Musculoskeletal Inflammation*. **PLoS ONE** | www.plosone.org April 2011 | Volume 6 | Issue 4 | e19182
28. Santillo AF, Gambini JP, Lannfelt L, Långström B, Ulla-Marja L, Kilander L, Engler H. *In vivo imaging of astrocytosis in Alzheimer's disease: an (11)C-L: -deuteriodeprenyl and PIB PET study*. **Eur J Nucl Med Mol Imaging**. 2011 Aug 19.
29. Alonso O, Gambini JP, Lago G, Gaudiano J, Quagliata A, Engler H. *In Vivo Visualization of Somatostatin Receptor Expression With Ga-68-DOTA-TATE PET/CT in Advanced Metastatic Prostate Cancer*. **Clin Nucl Med**. 2011 Nov;36(11):1063-4.
30. Carter SF, Schöll M, Almkvist O, Wall A, Engler H, Långström B, Nordberg A. *Evidence for astrocytosis in prodromal Alzheimer's disease provided by 11C-Deuterium-LDeprenyl - A multi-tracer PET paradigm combining 11C-PIB and 18F-FDG* Accepted for publication in the **Journal of Nuclear Medicine**, 2011
31. Anton Forsberg*, Henry Engler*, Gunnar Blomquist, Bengt Långström, Agneta Nordberg. *The use of PIB-PET as a pathological and functional marker in AD*. **BBA-Molecular Basis of the Disease** (2011)DOI: 10.1016/j.bbadis.2011.11.006
*First authors.

Submitted articles

Other publications

1. Engler H, Aquilonius S-M. Neurologisk symtomlära. Multimedia education computer program for medical students and nurses. 1995 **Liber Utbildning**, Sweden.
2. Gunne L, Engler H. Review. *Intensivt sökande efter orsakerna till Tourettes syndrom*. **Läkartidningen (The Medical Journal, Sweden)**, Nr 8, Volym 99, sida 804, 2002. Review (swedish)
3. Trampal, Carlos and Engler, Henry. *Tomografía de Emisión de Positrones (PET) y sus aplicaciones en neurología y psiquiatría*. **Ingeniería Biomédica, perspectivas desde el Uruguay**. Capítulo 17. P: 323-341. Compilación de Franco Simini. Departamento de publicaciones de la Universidad de la Republica.Uruguay, 2007.
4. Engler, Henry. *PET and the Multitracer Concept: An Approach to Neuroimaging Pathology*. Doctoral thesis. **DIVA, Uppsala University**. January 2008. <http://urn.kb.se/resolve?urn=urn:nbn:se:uu:diva-8687>
5. Engler, Henry: **Neuroimagen Nuclear** editado en España, 2009.

Patents

1. Razifa, Pasha, Bergström Mats, Långström Bengt, Blomqvist Gunnar, Engler Henry (GE healthcare Limited). *Method and system of multivariate analysis on slice-wise data of reference structure normalized images for improved quality in Positron Emission Tomography studies*. **European Patent Application**. July 2008. Patno: EP1943624.(Full text at patent office). LexisNexis.
2. Razifa, Pasha, Ringheim Anna, Långström Bengt, Engler Henry, Wall Anders (GE healthcare Limited). *Method and system for outlining a region in Positron Emission Tomography*. **Patent Cooperation Treaty Application**, May 2008. Patno:WO08050226. (Full text at patent office). LexisNexis.
3. Engler Henry, Långström Bengt, Bergström Mats, Apple Lieuwe, Fredrikson Mats (GE Healthcare Limited). *Diagnosis of Whiplash associated disorders (WAD) by using a PET tracer*. **Patent Cooperation Treaty Application**, Mar 2007. Patno: WO07026217. (Full text at patent office). LexisNexis.
4. Engler Henry, Långström Bengt, Bergström Mats, Apple Lieuwe, Fredrikson Mats (GE Healthcare Limited). *Diagnosis of Whiplash associated disorders (WAD) by using PET with D-[Methyl-11C]-Deprenyl (Dde)*. **United States Patent and Trademark Office Pre-Grant Publication**, Dec 2008. Patno: US20080308735. (Full text at patent office). LexisNexis.

Abstracts

1. Engler H, Nordberg A, Blomqvist G, Bergström M, Estrada S, Barletta J, Sandell J, Antoni G, Långström B, Klunk W, Debnath M, Holt D, Wang Y, Huang G, Mathis Ch. *First human study with a benzothiazole amyloid-imaging agent in Alzheimer's disease and control subjects*. The 8th International Conference on Alzheimer's Disease and Related Disorders, Stockholm, Sweden, July 21-25, 2002. *Neurobiolog Aging* 23, 51:5249; 2002. **Highlight in the 8th conference. Comments to this presentation were published in Science (News of the Week) and reported by the BBC of London. This work was classified as one the "100 Top Science Stories of 2002" in the Discover magazine, USA.**
2. Engler H, Blomqvist G, Nordberg A, Wall A, Estrada S, Koivisto P, Savitcheva I, Sandell J, Barletta J, Antoni G, Bergström M, Långström B. *PIB: a new tracer for imaging amyloid-deposition in vivo. Comparison with FDG*. **AMI conference, Madrid, Spain, 26 September 2003. Prize for top clinical abstract.**
3. Engler H, Nordberg A, Blomqvist G, Bergström M, Estrada S, Barletta J, Sandell J, Antoni G, Långström B, Klunk W, Debnath M, Holt D, Wang Y, Mathis Ch. *PET study with an amyloid-imaging agent (¹¹C-PIB) in AD patients and control subjects*. 15th Friedrich Merz-Guestprofessorship, Frankfurt, Germany, 27th November 2002.
4. Engler H, Bergström M, Lundberg P. O, Valtysson J, Lundberg E. L, Öhrstedt R, Lindsjö L, Lidström K, and Långström B. *Diagnosis of Creutzfeldt-Jakob disease using PET with [¹⁸F]-FDG, [¹¹C]-L-Deuterodeprenyl and [¹⁵O]-H₂O*. In The VIII Symposium on the Medical Applications of Cyclotrons. Åbo, Finland, 1999
5. Engler H, Bergström M, Olsson Y, Valtysson J, Lundberg E. L, Öhrstedt R, Lindsjö L, and Långström B. *Diagnosis of Creutzfeldt-Jakob disease using PET with [¹⁸F]-FDG, and [¹¹C]-L-Deuterodeprenyl*. In Institute of Clinical PET. Vancouver. USA, 1999.
6. Engler H, Lundberg PO, Nilsson A, Hartvig P, Långström B. *PET with ¹⁸FDG: Three patients with suspect Creutzfeldt-Jakob disease showed an uptake consistent with encephalitis*. In EANM, Neapel, Italy, 2000
7. Engler, H.; Trampal, C.; Savitcheva, I.; Sorensen, J.; Bergstrom, M., and Langstrom B *PET with 18FDG: Three patients with suspect Creutzfeldt-Jakob's disease showed an uptake consistent with encephalitis*. *European-Journal-of-Nuclear-Medicine*, 2001, V28, N8, Aug, Ss, P 1088. Issn: 0340-6997
8. Engler H., Savitcheva I, Långström B. *¹⁸FDG and ¹¹C-L-DOPA in differential diagnosis between Parkinson's disease and Parkinsonism*. In the 10th anniversary of the PET-Centre, Uppsala, Sweden, 2001.
9. Engler H, Savitcheva I, Långström B. *PET with ¹⁸FDG and ¹¹C-L-DOPA in differential diagnosis between Parkinson's disease and Parkinson+ syndrome*. In the EANM Congress 2002, Vienna, Austria, august 2002.

10. Engler H, Nordberg A, Blomqvist G, Bergström M, Estrada S, Barletta J, Sandell J, Antoni G, Långström B, Klunk W, Debnath M, Holt D, Wang Y, Huang G, Mathis Ch. *Amyloid-imaging in AD patients and healthy volunteers using a ^{11}C -labelled benzothiazol agent (PIB)*. The 22nd Annual Meeting of Japanese Society of Dementia Research, Tokyo, Japan, 3rd October 2003.
11. Engler H, Nordberg A, Blomqvist G, Bergström M, Estrada S, Barletta J, Sandell J, Antoni G, Långström B, Klunk W, Debnath M, Holt D, Wang Y, Huang G-F, Mathis CH. *First PET study with a benzothiazol amyloid-imaging agent (^{11}C -PIB) in AD patients and healthy volunteers*, Paris, Ipsen Fondation, 17th Mars 2003
12. Henry W. Engler, Ulla-Marja Louhija, Irina Savitcheva, Tommie Olofsson, Hannu Kalimo, Lars Lannfelt, Bengt Långström. *PET-imaging of amyloid depositions and astrocytosis in severe AD and histopathological correlations in one patient*. Alzheimer's & Demencia. The journal of the Alzheimer's Association. Volume 2, Issue 3, Suppl 1, S 318; July 2006
13. Engler H, Blomqvist G, Bergström M, Estrada S, Sandell J, Antoni G, Långström B, Nordberg A, Barletta J, Klunk W, Debnath M, Holt D, Wang YM, Huang GF, Mathis Ch. *First human study with a benzothiazole amyloid-imaging agent in Alzheimer's disease and control subjects*. Neurobiology of Aging 2002; 23:1568
14. Engler H, Nordberg A, Klunk W, Blomqvist G, Mathis Ch, Långström B. *Imaging: the living Alzheimer's disease brain. The era of the prevention*. IPSEN Conference on Alzheimer's disease. Brussels, Belgium, 3-4 June, 20
15. Henry Engler, Anton Forsberg, Gunnar Blomquist, Emma Larsson, Irina Savitcheva, Anders Wall, Agneta Nordberg, Bengt Långström. *Imaging amyloid depositions and glucose uptake changes in Alzheimer's disease: a follow up-study*. Springfield conference on AD, Geneve, Schweiz, April 2006
16. Johansson A, Engler H, Bergström M, Askmark H, Aquilonius SM, Långström B. *^{11}C -L-deuterodeprenyl in ALS patients*. In the 10th anniversary of the PET-Centre, Uppsala, Sweden, 2001.
17. Trampal C, Engler H, Juhlin C, Bergström M, Långström B. *^{11}C -Hydroxyephedrine-PET (HED-PET) in the detection of pheochromocytoma*. In Barcelona PET Conference, Barcelona, 2001.
18. G Blomqvist, H Engler, A Wall, B Långström. *Graphical analysis of time-activity data using a reference region with known irreversible binding*. The IX symposium on the Medical Applications of Cyclotrons, Turku, Finland, 2002
19. Lundberg PO, H. Engler, Ekblom K, Nenesmo I, Nilsson A, Bergström M, Tsukada H, Hartvig P, Långström B. *PET studies in patients referred with suspected Creutzfeldt-Jacob disease*. The Conference of the Vienna Academy of Postgraduate Medical

Education and Research, Vienna, October 2002.

20. Trampal C, Engler H, Juhlin C, Bergström M, Långström B. *Detection of pheochromocytoma using ¹¹C-hydroxyephedrine-PET*. RSNA Congress, Chicago, October 2002.
21. Ribom D, Engler H, Blomqvist E, Smits A. *Potential significance of ¹¹C-Methionine PET as a marker for the radiosensitivity of low-grade gliomas*. Fifth Congress of the European Association of Neuro-Oncology TOTALE. Florence, Italy, September 7-10, 2002.
22. Blomquist G, Engler H, Wall A, Sandell J, Koivisto P, Långström B; *Reference tissue methods in analyzing brain uptake of PIB with PET*. Annual Congress of the European Association of Nuclear Medicine - EANM'03, Amsterdam, The Netherlands, August 23-27, 2003. EJNM, 30: S215 ; 2003
23. Nordberg A, Engler H, Klunk W, Wang Y, Bergström M, Mathis C, Långström B. *Imaging of amyloid in brain of Alzheimer patient with ¹¹C-labeled benzothiazole, PIB*. Alzheimer and Parkinson's Disease Conference. Sevilla, Spain, Maj 2003
24. Långström, B., H. Engler, G. Antoni, T. Kihlberg, F. Karimi, I. Velikyan*, O. Rahman*, O. Itsenko, J. Barletta*, J. Eriksson, S.-Å. Gustavsson, R. Awad, S. Estrada, O. Lindhe, U. Hoglund, L. Lu, K. Takahashi, S. Syvänen, P. Merachtsaki, A. Monazzam, P. Razifar and M. Bergström *Biochemical imaging approaches to brain disorders*. 10th Mind/ Brain Conference, Hamamatsu, Japan, 2004.
25. Anton Forsberg, Henry Engler, Emma Larsson, Gunnar Blomquist, Anders Wall, Bengt Långström, Agneta Nordberg. *Follow-up study of amyloid deposition and glucose metabolism in patients with Alzheimer's disease* Brain05. Amsterdam, June 2005. Journal of Cerebral Blood Flow & Metabolism 25, S415-S415 (01 Aug 2005) Neuroimaging
26. C Trampal, H Engler, C Juhlin, M Bergström, B Långström. "*DIAGNOSTICO DE FEOCROMOCITOMA CON ¹¹C-HIDROXIEFEDRINA-PET (HED-PET)*". Congreso español de Medicina Nuclear, Spain, June 2005
27. Klunk W, Mathis C, Wang Y, Huang Y, Holt D, Debnath M, Engler H, Nordberg A, Blomqvist G, Bergström M, Estrada S, Barletta J, Sandell J, Antoni G, Långström B. *Binding of a benzothiazole amyloid-imaging PET tracer to human brain is dominated by specific interaction with the amyloid component in vitro and in vivo*. The Society for Neuroscience meeting, USA, 2002.
28. Klunk W, Wang Y, ... Engler H. *Benzothiazole PET tracers for amyloid imaging in humans*. American College of Neurosychopharmacology, USA, 2002
29. Adeborn K, Flink R, Engler H, Larsson A. *Activation PET to locate motor cortex in epilepsy surgery patients*. In the 5th European Congress on Epileptology, Madrid, Spain, 6-10 October 2002.

30. Trampal C, Anniko M, Engler H, Långström B. *¹⁸F-FDG-PET in the management of head and neck tumours*. In the EANM Congress, Vienna, Austria, 2002
31. Mathis C, Wang Y, Holt D, Huang G, Debnath M, Klunk W, Engler H, Nordberg A, Blomqvist G, Bergström M, Estrada S, Barletta J, Sandell J, Antoni G, Långström B. *Radiolabeled Thioflavin-T Analogs for CNS Amyloid Assessment*. AMI, USA, 2002.
32. Trampal C, Sörensen J, Engler H, and Långström B. *¹⁸F-FDG whole body positron emission tomography (PET) In the detection of unknown primary tumors*. In ICP. Washington, USA, 2000. Published in Clin Positron Imaging, jul; 3(4):160. 2000
33. Takahashi K, Torstenson R, Danfors T, Eeg-Olofsson O, von-Knorring A.-L, Moulder R, Engler H, Hartvig P, Langstrom B, and Watanabe Y. *Dysfunction of dopaminergic system in infantile autism: a PET study with drug treatment*. Society for Neuroscience, San Diego, USA, November 10-14 2001.
34. Watanabe Y, Takahashi K, Engler H, Bjorkman M, Kato K, Doi H, Sato K, Hosoya T, Fredrikson M, **Noyori R***, Suzuki M, and Långström B. *PET imaging of CNS-type prostacilin receptor in the human brain*. In Neuroscience meeting. USA, 2001. (**Dr. Ryoji Noyori received the Nobel Prize in Chemistry, 2001**)
35. Sörensen J, Savitcheva I, Engler H, and Långström, B. *Utility of PET and ¹¹C-methionine in the paediatric brain tumors*. In ICP. Washington, USA, 2000. Publ ished in Clin Positron Imaging, jul;3(4):157, 2000.
36. Johansson B, Fugl-Meyer A, Tengvar CH, Engler H. *On brain glucose metabolism in severely brain injured people*. In the 11th European Congress of Physical Medicine and Rehabilitation. Göteborg, Sweden,1999.
37. Ribom D, Eriksson A, Hartman M, Engler H, Nilsson A, Långström B, Bolander H, Bergström M, and Smits, A. *The prognostic value of ¹¹C-methionine PET in patients with low-grade gliomas*. Presented as a poster at the Third From Gene to Cure Congress, Amsterdam, The Netherlands, April 26-28, 2001.
38. Larsson PG, Stabell KE, Röste GK, Savitcheva I, Engler H. *The value of PET in presurgical evaluation of patients with epilepsy*. The 25th International Epilepsy Congress, Lisabon, Portugal 12-16 October, 2003.
39. Kilander L, Lindau Maria, EnglerH. *Frontotemporal Dementia: Relations Between Regional Cerebral Glucose Metabolism and Clinical and neuropsychological Findings*. The 9th International Conference on Alzheimer's disease and Related Disorders. Philadelphia, USA, July 17-22, 2004
40. B. Långström, G. A., T. Kihlberg, F. Karimi, P. Koivisto, S. Estrada, R. Awad, O. Lindhe, U. Högglund, H. Engler, J. Sörensen, I.Savitcheva, G. Blomqvist, M. Bergström, O. Itsenko, O. Rahman, J. Barletta, M. Lavén, I. Velikyan, C. Mathis, W. Klunk and A.

- Nordberg, *Positron Emitting Tracers as tools in drug development - technique and applications*. Swiss Society for Pharmacology and Toxicology, Autumn meeting, Basel, 2003.
41. Klunk, W. E., J. C. Price, C. C. Meltzer, Y. Wang, B. Langstrom, H. Engler, A. Nordberg, B. J. Lopresti, D. P. Holt, G.-F. Huang, M. L. Debnath, S. T. DeKosky and C. A. Mathis. *HUMAN AMYLOID IMAGING IN CONTROLS, MCI AND AD WITH THE THIOFLAVIN-T DERIVATIVE, PIB*, 2003.
 42. Långström, B., G. Antoni, T. Kihlberg, F. Karimi, O. Itsenko, O. Rahman, J. Barletta, M. Lavén, I. Velikyan, S. Estrada, R. Awad, O. Höglund, U. Linde, H. Engler and M. Bergström. *The use of Positron Emitting Tracers as a tool in drug development - chemistry perspectives*. Norsk Kjemisk Selskap Höst möte, Oslo, 2003
 43. Långström, B., G. Antoni, T. Kihlberg, F. Karimi, O. Itsenko, O. Rahman, J. Barletta, M. Lavén, I. Velikyan, S. Estrada, R. Awad, O. Höglund, U. Linde, H. Engler and M. Bergström. *The use of Positron Emitting Tracers as a tool in drug development - techniques and applications*. Swiss Pharmacology and Toxicology Meeting, Basel, 2003.
 44. Långström, B., G. Antoni, T. Kihlberg, F. Karimi, P. Koivisto, S. Estrada, R. Awad, O. Lindhe, U. Höglund, H. Engler, J. Sörensen, I. Savitcheva, G. Blomqvist, M. Bergström, O. Itsenko, O. Rahman, J. Barletta, M. Lavén, I. Velikyan, C. Mathis, W. Klunk and A. Nordberg. *New perspectives of developing PET tracers - an example of the imaging of amyloid plaques*. ISMRM, Bordeaux, France2003.
 45. Långström, B., M. Bergström, H. Engler, F. Karimi, G. Antoni, T. Kihlberg, O. Rahman, P. Hartvig and A. Nordberg *PET IN MULTI-TRACER PROTOCOLS NEW PERSPECTIVES ON TRACER DEVELOPMENT AND APPLICATIONS*. Springfield/Montreal Alzheimer, Montreal, 2004. *Neurobiology of Aging*, 2004, V:25, S16.
 46. Mathis, C., Y. Wang, D. Holt, G.-F. Huang, M. Debnath, W. Klunk, H. Engler, A. Nordberg, G. Blomqvist, M. Bergström, S. Estrada, J. Barletta, J. Sandell, G. Antoni and B. Långström *Radiolabeled Thioflavin-T Analogs for CNS Amyloid Assessment*. AMI conference, San Diego, 2002.
 47. Trampal, C., M. Anniko, H. Engler and B. Långström *18F-FDG-PET in head and neck tumours*. Eur.Assoc.Nuc.Med, Vienna, Austria, 2002.
 48. Blomquist G, Hinz R, Engler H, Nordberg A, Ringheim A, Långström B. *Different patterns of PIB uptake in AD*. Brain05. Amsterdam, June 2005. *Journal of Cerebral Blood Flow & Metabolism* 25, S666-S666 (01 Aug 2005) Brainpet
 49. Trampal C, Juhlin C, Alemany M, Engler H, Bergström M, Långström. Characterization of adrenal incidentalomas with 11C-metomidate-positron emission tomography (MTO-PET) RSNA, Chicago2004. CODE: SSK26-07. SESSION: Nuclear Medicine (PET and PET/CT: New Tracers, New Methods)

50. Victor Iyer, Irina Savitcheva, Lars Göran Andersson, Jens Sörensen Anders Sundin, Henry Engler och Bengt Långström. *PET-CT i onkologisk diagnostik; De första erfarenheterna i Uppsala*. Uddevalla, Sweden, 11 maj 2005
51. Agneta Nordberg, Anton Forsberg, Henry Engler, Anders Wall, Gunnar Blomquist, Bengt Långström. *Amyloid Imaging in MCI patients*. Geneve, Schweiz, april 2006
52. Positron Emission Tomography with [11C]-L-Deuterodeprenyl in Amyotrophic Lateral Sclerosis: Where?
53. G Blomqvist, H Engler, A Wall, B Långström. *GRAPHICAL ANALYSIS OF TIME-ACTIVITY DATA USING A REFERENCE REGION WITH KNOWN IRREVERSIBLE BINDING*. Turku, Finland, 2005
54. Agneta Nordberg, Amadul Kadir, Anton Forsberg, Elka Stefanova, Henry Engler, Ove Almqvist, Gunnar Blomqvist, Anders Wall, Bengt Långström *PET IMAGING IN ALZHEIMER'S DISEASE USING MULTI-TRACERS*. 4th Alzheimer conference, Greece, 22-03-2005.
55. Frizell Santillo A, Engler H, Kilander L, Wang SX, Lindau M, Lannefelt, Langstrom B. *PIB deposition in FTD in comparison with AD and HC: a PET study*. Alzheimer's & Demencia. The journal of the Alzheimer's Association. Volume 2, Issue 3, Suppl 1, S 342; July 2006
56. Anton Forsberg, Henry Engler, Gunnar Blomquist, Anders Wall, Anna Ringheim, Bengt Långström, Agneta Nordberg. *Neuroimaging of amyloid depositions studied with Statistical Parametric Mapping*. Alzheimer's & Demencia. The journal of the Alzheimer's Association. Volume 2, Issue 3, Suppl 1, S 674; July 2006
57. Agneta Nordberg, Anders Wall, Ove Almqvist, Göran Hagman, Henry Engler, Anton Forsberg, Ahmadul Kadir, Niels Andreasen, Gunnar Blomqvist, Bengt Långström. *Effect of phenserine treatment on PIB amyloid binding, cerebral glucose metabolism and cognition in mild Alzheimer patients*. Alzheimer's & Demencia. The journal of the Alzheimer's Association. Volume 2, Issue 3, Suppl 1, S 40; July 2006
58. Anton Forsberg, Henry Engler, Gunnar Blomquist, Ove Almqvist, Anders Wall, Anna Ringheim, Bengt Långström, Agneta Nordberg. *Amyloid depositions in MCI-patients studied with PIB-PET*. Alzheimer's & Demencia. The journal of the Alzheimer's Association. Volume 2, Issue 3, Suppl 1, S 329; July 2006
59. Agneta Nordberg, Anton Forsberg, Henry Engler, Ove Almqvist, Göran Hagman, Anders Wall, Gunnar Blomquist, Bengt Långström. *PIB amyloid imaging in brain of AD and MCI patients. Relation to CSF markers and cognition*. Alzheimer's & Demencia. The journal of the Alzheimer's Association. Volume 2, Issue 3, Suppl 1, S 652; July 2006
60. Ringheim A, Blomquist G, Hinz R, Engler H, Nordberg A, Långström B. *Different*

patterns of PIB uptake in AD patients. Rosenön, Sweden, 2006.

61. Almkvist, Ove; Engler, Henry; Forsberg, Anton; Långström, Bengt; Nordberg, Agneta. Mapping of episodic memory on PET markers of regional brain neurodegeneration in patients with cognitive dysfunction. Göteborg, Sweden, 2007
62. A.Nordberg, A. Forsberg, H.Engler, O.Almkvist, G.Blomquist, G.Hagman, A.Wall, A.Ringheim, B. Långström. *Imaging of amyloid pathology in prodromal Alzheimer's disease.* Boston, USA, 2007
63. Anders Wall, Anders Johansson, Henry Engler, Gunnar Blomquist, Berit Scott, Sten-Magnus Aquilonius, Bengt Långström, Håkan Askmark. Astrocytosis in ALS demonstrated with PET utilizing deuterium substituted [¹¹C]-(L-DEPRENYL). European federation for neurological societies, 2007.
64. Agneta K. Nordberg, Anton Forsberg, Ove Almkvist, Henry Engler, Anders Wall, Bengt Långström. *Brain Amyloid Deposition In Alzheimer'S Disease Is An Early Event With Complex Relationship With Functional Characteristics.* ICAD, Chicago, USA. To be presented the 25th July 2008.
65. Gonzalez D, Nennesmo I, Almkvist O, Forsberg A Marutle A , Kadir A, Mousavi M, Darreh-Shori T, Mustafiz T, Wall A, Engler H, Långström B and Nordberg A. *PET imaging of PIB in AD predicts histopathology of Aβ as verified at autopsy several years later*, ICAD 2008, Chicago, USA.
66. Jens Sørensen, Magnus Peterson, Lieuwe Appel, Henry Engler, Kurt Svärdsudd, Bengt Långström. *Imaging neurokinin-1 receptor expression in painful lateral epicondylitis.* SMI conference, Nice, France, 2008
67. Nordberg, A, Forsberg A, Kadir, A., Almkvist, O, Engler, H, Langstrom, B. *Time course in evolution of brain amyloid and its relation to cognitive impairment in Alzheimer's disease.* EUROPEAN NEUROPSYCHOPHARMACOLOGY. (19); S125-126. Suppl. 2. April 2009. 10th Regional Meeting of the European-College-of Neuropsychopharmacology. Tallinn, ESTONIA, APR 23-25, 2009
68. Giglio, Javier; Trindade, Victoria; Vasilskis, Elena; Oliver, Patricia; Savio, Eduardo; Balter, Henia; Engler, Henry. *Optimización del mercado del 68Ga-DOTATATE para su empleo en pacientes del Centro Uruguayo de Imagenología Molecular (CUDIM). 1ª experiencia con un radiofármaco emisor de positrones en Uruguay.*, IV Congreso Uruguayo de Medicina Nuclear (Montevideo, 12-14 Nov 2010) *Alasbimn Journal* Year 13, Number 51, January 2011 / Año 13, N° 51
69. Gambini, Juan Pablo; Quagliata, Adriana; Lago, Graciela; Gaudiano, Javier; Hermida, Juan Carlos; Tochetto, Yanella; González, Germán; De Los Santos, Karina; Serra, Pilar; Engler Henry; Alonso, Omar. *⁶⁸Ga-DOTA TATE y ^{99m}Tc-HYNIC Octreotide en pacientes con cáncer diferenciado de tiroides que durante el seguimiento presentaron tiroglobulinas elevadas y perfilografía negativa.* IV Congreso Uruguayo de Medicina

Nuclear (Montevideo, 12-14 Nov 2010) *Alasbimn Journal* Year 13, Number 51, January 2011 / Año 13, Nº 51, January 2011.

70. González, M.; Paolino, A.; Veiga, V.; Lago, G.; Gaudiano, J.; Engler, H. y Alonso, O. *Primera experiencia de estudios PET-CT con 68Ga-DOTA-TATE en Uruguay: aspectos técnicos*. IV Congreso Uruguayo de Medicina Nuclear (Montevideo, 12-14 Nov 2010). *Alasbimn Journal* Year 13, Number 51, January 2011 / Año 13, Nº 51, January 2011
71. Alonso, O.; Lago, G.; Gaudiano, J.; Gambini, J. P.; Paolino, A.; González, M.; Veiga, V.; Quagliata, A.; Tochetto, Y.; Depons, V.; Engler, H.; Evaluación de pacientes con cáncer de próstata avanzado mediante PET-CT con 68Ga-DOTA-TATE. IV Congreso Uruguayo de Medicina Nuclear (Montevideo, 12-14 Nov 2010) *Alasbimn Journal* Year 13, Number 51, January 2011 / Año 13, Nº 51, January 2011
72. Schöll, Michael; Almkvist, Ove; Wall, Anders; Engler, Henry; Kinhult-Ståhlbom, Anne | Graff, Caroline; Nordberg, Agneta. *Multitracer PET studies in kindreds with early-onset familial Alzheimer gene mutations*. **Alzheimer's and Dementia**, ISSN: 1552-5260, Vol: 6, Issue: 4, Date: 2010-07-01, Start page: 2, # of pages: 12.
73. Carter, Stephen F; Schöll, Michael; Almkvist, Ove; Wall, Anders; Engler, Henry; Långström, Bengt; Nordberg, Agneta. *Investigating Astrocytes With C11-deuterium Deprenyl in Mild Cognitive Impairment and Mild Alzheimer's - A Multi-tracer Positron Emission Tomography Paradigm*. **Alzheimer's and Dementia**, ISSN: 1552-5260, Vol: 6, Issue: 4, Date: 2010-07-01, Start page: e48, # of pages: 2.
74. Javier Giglio, Victoria Trindade, Laura Reyes, Elena Valsiskis, Patricia Oliver, Henry Engler, Henia Balter, Eduardo Savio. *Implementing a Hospital Radiopharmacy in the Uruguayan Center of Molecular Imaging*, 7-11 noviembre 2011, **IPET (IAEA)**
75. Victoria Trindade, Javier Giglio, Elena Vasilskis, Patricia Oliver, Henry Engler, Eduardo Savio, Henia Balter. *Optimization of 68Ga-DOTA-TATE labelling for the first PET clinical applications in Uruguay*, 7-11 noviembre 2011, **IPET (IAEA)**
76. Trindade, V; Giglio; Buccino, P; García, O; Vasilskis, E., Gaudiano, J.; Lago, G.; Alonso, O; Bentancourt, C.; Quagliata, A; Gonzalez, M; Paolino, A; Veiga, V; Leiva, J.P.; Oliver, P; Savio, E; Balter, H; Engler, H. *68Ga-DOTA-TATE: Desarrollo, producción y control para su aplicación en pacientes*; 28set-1 oct 2011, Brasil. ALASBIMN CONGRESS Published in the *Alasbimn Journal*, oct 2011).
77. Engler, H.; Alonso, O.; Balter, H.; Gaudiano, J.; Lago, G.; López, A.; Oliver, P.; Rey, A.; Savio, E.; Buccino, P.; Casatti, C.; Escudero, B.; García, O.; García Fontes, M.; Giglio, J.; Gigirey, V.; González, M.; Hernández, S.; Leiva, J.P.; Paolino, A.; Quagliata, A.; Reyes, L.; Servente, L.; Trindade, V.; Vasilskis, E.; Veiga, V. *Centro Uruguayo de Imagenología Molecular: del desarrollo nacional al internacional en imagenología molecular*. 28set-1 oct 2011, Brasil. ALASBIMN CONGRESS. Published in the *Alasbimn Journal*, oct 2011).

78. Savio, E.; Quagliata, A.; Trindade, V.; Giglio, J.; González, M.; Paolino, A.; Reyes L.; Buccino, P.; Veiga, V.; Leiva, J.P.; García, O.; Damian, A.; Gaudio, J.; Lago, G.; Alonso, O.; García Fontes, M.; Servente, L.; Gigirey, V.; Escudero, B.; Oliver, P.; Balter, H.; Engler, H. *Síntesis, control de calidad y uso clínico de ^{11}C -Metionina en pacientes con patología tumoral encefálica*. 28set-1 oct 2011, Brasil. ALASBIMN CONGRESS. Published in the Alasbimn Journal, oct 2011).
79. Laura Reyes, Pablo Buccino, Victoria Trindade, Javier Giglio, Omar García, Elena Vasilskis, Henry Engler, Henia Balter, Eduardo Savio. *^{11}C -Metionina y ^{11}C -Colina: producción y control de calidad para uso en pacientes portadores de procesos neoplásico*. 28set-1 oct 2011, Brasil. ALASBIMN CONGRESS. Published in the Alasbimn Journal, oct 2011).
80. Pablo Buccino, Javier Giglio, Victoria Trindade, Laura Reyes, Elena Vasilskis, Henry Engler, Patricia Oliver. Henia Balter, Mariella Teran, Eduardo Savio. *Aportes de la Radiofarmacia Hospitalaria PET a la formación de pre-grado del Químico Farmacéutico*. 3,4,y 5 de octubre de 2011. III CONGRESO DE CIENCIAS FARMACEUTICAS, III JORNADAS RIOPLATENSES DE FARMACIA HOSPITALARIA, VIII JORNADAS ACADEMICAS DEL DIPLOMA DE ESPECIALISTA EN FARMACIA HOSPITALARIA. Premio al mayor poster de farmacia hospitalaria, categoría estudiante.
81. Javier Giglio, Victoria Trindade, Omar García, Laura Reyes, Pablo Buccino, Elena Vasilskis, Silvia Hernández, Henia Balter, Patricia Oliver, Eduardo Savio, Henry Engler. *Implementando una Radiofarmacia Hospitalaria en un Centro de Imagenología Molecular: desafíos, oportunidades y perspectivas*. 3,4,y 5 de octubre de 2011. III CONGRESO DE CIENCIAS FARMACEUTICAS, III JORNADAS RIOPLATENSES DE FARMACIA HOSPITALARIA y VIII JORNADAS ACADEMICAS DEL DIPLOMA DE ESPECIALISTA EN FARMACIA HOSPITALARIA. Premio por innovación e impacto sanitario.
82. Victoria Trindade, Javier Giglio, Graciela Rodríguez, Rodolfo Ferrando, Pablo Buccino, Mariella Terán, Eduardo Savio, Patricia Oliver, Henia Balter, Henry Engler. *Teragnóstica de tumores SSTR2+ con ^{68}Ga y ^{177}Lu -DOTA-TATE*, ENAQUI, 2011 Encuentro Nacional de Química, organizado por PEDECIBA Química

Participation in courses and meetings

- Participation in international PET and Nuclear Medicine meetings in Sweden, Germany, Japan, Italy, France, Belgium, Greece, England, Holland, Finland, USA, Spain, Argentina, Mexico and Uruguay .

Own courses and lectures

- Responsible for the organization of the 5 points course: “PET in Biomedical Research” that takes place annually in Uppsala. Lectures on PET in neurology and oncology in this course. This is a course for research students within the field of medicine. The course is also open to pre-clinical researchers within the Medical faculty, the Technical –Science faculty, the Social faculty and the Pharmacy faculty. (2000-2003)
- Annual lectures on clinical PET in the course: “Nuclide Techniques and the Tracer Concept”. This is a common university research course sponsored by the Faculty of Science and Technology and by the Faculty of Medicine given in collaboration between the Department of Organic Chemistry, Uppsala University PET Centre and the Division of Biomedical Radiation Sciences (2000-2003).
- Working as supervisor and teacher for residents from clinical physiology, radiology and neurology with PET as a part in their formation as specialists.
- Responsible for the International Conference: “*Status and future of Molecular Imaging: looking for the Horizonte*”
Centro de Conferencias del Laboratorio Tecnológico del Uruguay (LATU) 18- 20 March 2010 – Montevideo – Uruguay
- Responsible for the Internacional Conference on Radioprotection, Uruguayan Centre of Molecular Imaging, Montevideo Uruguay, in collaboration with the AIEA, 24-27 October 2011.
- Lectures about clinical PET and/or neurology in the Hospital of Sundsvall, Älkarleby, Bergdahl (Stockholm), Fiskeboda, Neopharma (Uppsala), Uppsala University, Uppsala PET Center and Uppsala Academic Hospital.
- Lecture: *First human study with a benzothiazole amyloid-imaging agent in Alzheimer’s disease and control subjects*. The 8th International Conference on Alzheimer's disease and Related Disorders, Stockholm, Sweden, July 24, 2002. **Conference “Highlight”.** **Comments to this presentation were published in *Science* as “News of the Week” and commented in the BBC of London. This work was classified as one the “100 Top Science Stories of 2002” in the *Discover* magazine, USA.**
- Lecture: *PET in the diagnosis of movement disorders*, for residents in neurology in the Academic Hospital in Uppsala, 16th October 2002.
- Lecture: *News in Alzheimer diagnosis with PET*, for Geriatric specialists, Samariterhemmet Hospital, Uppsala. 23rd October 2002.

- Lecture: *PET in the investigation of neurological diseases*, for neurologists, Huddinge Hospital, Stockholm, 11th November 2002.
- Lecture: *PET study with an amyloid-imaging agent (11C-PIB) in AD patients and control subjects*. In the 15th Fridrich Merz-Guestprofessorship: symposium on November 22, 2002; Frankfurt am Main, Germany
- Lecture: *First PET study with a benzothiazol amyloid-imaging agent (¹¹C-PIB) in AD patients and healthy volunteers*, Paris, Ipsen Foundation, 17th Mars 2003
- Lecture: London, The Hatton: *PET in neurodegeneration*. SMI 14-15 April 2003
- Lecture: *PIB: a new tracer for imaging amyloid-deposition in vivo. Comparison with FDG*. AMI conference, Madrid, Spain, 26 September 2003. **Prize top clinical abstract**.
- Lecture: *CNS-vasculitis. Actualities in diagnosis*. Regional meeting on rheumatology. Uppsala, Sweden, 6th may, 2004.
- Lecture: *Imaging: the living Alzheimer's disease brain. The era of prevention*. IPSEN conference on Alzheimer's disease. Brussels, Belgium, 3-4 June, 2004
- Lecture: "*PET en el diagnostico de demencias*". Punta del Este, Congreso Latinoamericano de Siquiatría (APAL), Uruguay, 2004
- Lecture Institute Clemente Estable, "*PET en enfermedades neurodegenerativas*", Montevideo, Uruguay, 2004
- Lecture: "*La técnica de la PET*", Medical Association Paysandú, Uruguay, 2004
- Lecture: "*Är in vivo-diagnostik en möjlighet?* Svensk Patologförenings Vårmöte, Uppsala 20:e maj 2005.
- Lecture: "*Folow up study with PIB and FDG in AD*", Sundsvall, Sweden, 2005
- Lecture: *La Tomografía de Emisión de Positrones en el diagnóstico de las demencias*. Primer Congreso sobre Demencias, Montevideo, Uruguay. Octubre, 2005. Video-conference.
- Lecture: *PET en el diagnóstico de las Demencias*. Centro de Medicina Nuclear, Mendoza Argentina, 1 diciembre 2005
- Lecture: *PET en Siquiatría*. XX Congreso de ALASBIMN (Asociación Latinoamericana de Sociedades Biológicas y de Medicina Nuclear). Punta del Este, Uruguay 4 de diciembre, 2005

- Lecture: *PET/CT, actualidad y perspectivas*. XX conferencia ALASBIMN (Asociación Latinoamericana de Sociedades Biológicas y de Medicina Nuclear). Punta del Este, Uruguay, 7 de diciembre, 2005
- Lecture: *PET and Pathology*, Rudbeck Laboratory, Uppsala, Sweden, April 2006.
- Lecture: Genève, Schweiz, 9th Geneva Springfield Symposium on Advances in Alzheimer Therapy , organized by the Southern Illinois University School of Medicine April, 2006
- Lecture: *PET in dementia diseases*. Montevideo Uruguay. Uruguay Medical Association, November 2006
- Lecture: *PET in neurodegeneration*. Montevideo University Hospital, November 2006
- Lecture: *PET in Alzheimer disease* (Asociación Uruguaya de Sociedades Biológicas y de Medicina Nuclear), Hotel Palladium, Montevideo, November 2006.
- Lecture: *Tracking neuropathological changes with PET*. 41st Annual Scientific Meeting of the European Society for Clinical Investigation, Uppsala - Sweden, 17 - 20 April 2007
- Lecture: *New insights in dementia using PET-PIB as amyloid marker*. The IV International Symposium on “Advances in Alzheimer’s Disease”. Madrid, 21st September 2007.
- Lecture : *Imaging of amyloid and other pathological changes in AD and nonAD*, KI Nobel Forum Symposium: “Alzheimer 100 years: a turning point of strategy”., Stockholm, Sweden, September 24, 2007.
- Lecture: *PET and the multitracer concept: an approach to neuroimaging pathology*. Hospital OCA, Monterrey, Mexico. October 25, 2007.
- Lecture: *PET and the multitracer concept: an approach to neuroimaging pathology*. Department of Nuclear medicine, University Hospital, Uppsala, Sweden 12 April 2008.
- Lecture: *PET and the multitracer concept: an approach to neuroimaging pathology*. FEFAS, Radisson Victoria Plaza Hotel, Montevideo, Uruguay 21 november, 2008.
- *PET: TOMOGRAFIA POR EMISION DE POSITRONES EN NEUROLOGIA*. Hospital de Clínicas. Montevideo, 23 de mayo de 2010.
- Member of the discussion board: “*Are the patients protected in our society?*” Jornadas Internacionales de Radioprotección, Academia Nacional de Medicina, Sheraton Hotel, Montevideo, Uruguay, 20 de octubre 2011,
- *PET en Demencias*. Congreso NeuroPunta, Hotel Conrad - Punta del Este – Uruguay, 29 de

noviembre al 3 de diciembre de 2010

- *PET en enfermedad de Parkinson*. Congreso NeuroPunta, Hotel Conrad - Punta del Este – Uruguay, 29 de noviembre al 3 de diciembre de 2010
- *Generalidades de la PET/CT*. III Congreso Cubano de Imagenología 22 - 24 de junio, Hotel Nacional, La Habana, Cuba.
- *PET en enfermedades neurodegenerativas*. Congreso Cubano de Imagenología 22 - 24 de junio, Hotel Nacional, La Habana, Cuba.
- *Presentacion del Centro Uruguayo de Imagenologia Molecular (CUDIM)*. VIII Congreso de Radiologia, Hotel Four Seasons, Montevideo, Uruguay, 4 de noviembre 2011.
- *PET en Demencias*. VIII congreso de Radiologia, Hotel Four Seasons, Montevideo, Uruguay, 5 de noviembre, 2011.
- *PET en Demencias*, Hospital Vilardebó, 16 Noviembre 2011, Montevideo Uruguay
- *PET en enfermedades del cerebro*, Simposio Internacional de Epilepsia, Hotel Palladium, 22 Noviembre 2011, Montevideo Uruguay