

**8TH CONGRESS OF THE
WORLD FEDERATION OF NUCLEAR
MEDICINE & BIOLOGY**

18TH CONGRESS ALASBIMN

SANTIAGO, CHILE, 29/IX-4/X/2002

CLOSING CEREMONY

EDUARDO TOUYA

PRESENTATION OF

SPECIAL AWARD TO

PROF. HENRY N. WAGNER JR



**HENRY N.
WAGNER Jr.**

- On behalf of the Board of Directors of the World Federation of Nuclear Medicine and Biology, of the Boards of Directors of each of the societies of the World Federation and the nuclear medicine community, **I would like to thank you** for your scientific legacy, for so many years of lighting our way, for creating sources of jobs, for your leadership, for being our role model as a scientist, investigator, physician and mainly a teacher

- Nuclear medicine gained respect as a medical specialty when you published ***“Principles of Nuclear Medicine”*** in May 1968. It is worth to remember the words you used to introduce us to Nuclear Medicine: ***“Not only is medicine an art, calling for the exercise of talent and creativity, but it is also a science, a body of knowledge, techniques, and skills that can be systematically studied and improved”***

There you defined the ideal characteristics of the men and women that should practice nuclear medicine. You explained that the nuclear medicine specialist should have the art of a healer, the creativity of an artist, the strict scientific discipline of a physicist, the judgment of a wise man for making common sense decisions, and the accuracy of a mathematician

In the same introduction you asked yourself "**WHAT IS NUCLEAR MEDICINE ?**" In response, you taught us that: "*Nuclear medicine is the application of radioactive materials to the diagnosis and treatment of patients and the study of human disease*"

EDUCATION

Calvert Hall

Lasallian Education Since 1845



- 1944 High School
- 44-45 US Coast Guard Ac
- 45-48 AB TJHU
- 48-52 MD TJHU
- 52-53 Internship TJHH
- 53-55 Resident TJHH
- 55-57 Clinical Ass. NIH
- 57-58 Special Fellow HH
- 58-59 Chief Med. Resident



THE JOHNS HOPKINS HOSPITAL



The Hammersmith Hospitals



JOHNS HOPKINS
UNIVERSITY

CURRENT APPOINTMENTS



THE JOHNS HOPKINS UNIVERSITY

Director, Division of Radiation Health Sciences

Professor (Emeritus) of Medicine

Professor (Emeritus) of Radiology and Radiological Science

Professor of Environmental Health Sciences

Principal Professor Staff - Applied Physics Laboratory

Honorary Professor of Fu Wai Hospital - Peking, China

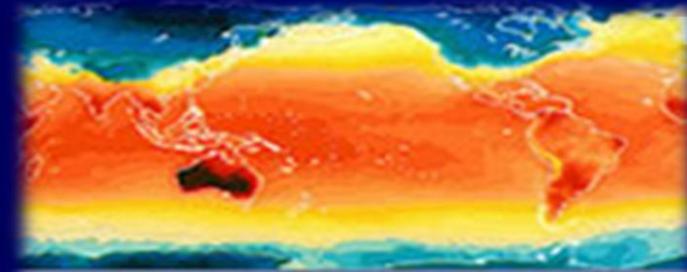
THE JOHNS HOPKINS HOSPITAL

Physician and Radiologist



Environmental Health Sciences

JOHNS HOPKINS
UNIVERSITY



Targeted
Radionuclide Therapy

RESEARCH TRAINING
IN THE USE
OF TRACER PRINCIPLES
IN ONCOLOGY

Johns Hopkins School of Medicine

JOHNS HOPKINS MEDICAL INSTITUTIONS



Nuclear Medicine Division led by Henry Wagner during nearly 30 years, produced a considerable body of knowledge and it parallels the history of our speciality

The contributions made to the training of nuclear medicine specialists in USA extends to the world through the fellows and visitors coming from all continents. I was a visitor in 1967, 1969 and 1970

In late 1967, Henry came for the first time to South America, Uruguay, to the IAEA Regional Advanced Training Course on the Medical Applications of Radioisotopes, and the IX InterAmerican College of Radiology Congress. He participated in the symposium on nuclear medicine imaging, organized by Antonio Rodriguez Antunez, Chairman of the Department of Radiotherapy of the Cleveland Clinic, and my brother Juan Jose Touya (h), Director of the Uruguayan Nuclear Medicine Center. At that time, Professor Wagner had introduced techniques of renal scintigraphy, spleen scanning, pharmacokinetic studies of ^{99m}Tc , Indium 113m, limulus test and lung scanning for the **diagnosis of pulmonary embolism**



PUNTA DEL ESTE, URUGUAY, DECEMBER 1967

- In the seventies, he introduced the use of **radioisotopes in children** to the world. He opened the doors for the safe use of radionuclide imaging in pediatrics, publishing two books on this subject: “*Pediatric Nuclear Medicine*” and “*Atlas of Pediatric Nuclear Medicine.*” In addition, in the seventies, he promoted progresses in the uses of **radionuclides in endocrinology and oncology**. He modulated the specialty by using strict scientific approaches. Sensitivity, specificity and predictive values were cited in all his papers and presentations, making scholars and practitioners aware of these new concepts. At the same time, he assisted in the design, implementation and promotion of the use of **radiopharmaceuticals in cardiology**

- His role in the success of **nuclear cardiology** is decisive. All over the world, he taught how to diagnose cardiological disorders using non-invasive diagnostic images modalities, and introduced the nuclear stethoscope. He very successfully taught nuclear medicine specialists, cardiologists, radiologists, scientists, technicians, hospital administrators and businessmen. The success of nuclear cardiology, in such an unfriendly and competitive environment as that of the late seventies and early eighties, is the result of his scientific and teaching leadership

- In the eighties, Professor Wagner introduced us to new concepts, so new and revolutionary that he suggested to us to change the name of the specialty.

He introduced us to **Molecular Medicine**,
Molecular Imaging, and **Molecular**
Diagnosis

- In the sixties, **the brain** had been the subject of his most significant research and clinical efforts. He was the most famous speaker on brain scan. In the seventies, the arrival of the CT had mutilated nuclear medicine and neuro-nuclear medicine was off. In the eighties, Henry gave a new life to the specialty. He started using positrons and performs the first brain neuroreceptors studies. He moved the basis of the discipline from the analysis of compartments to the analysis of molecules. **PET** and **SPECT** have allowed us, nuclear medicine specialists to investigate the physiology and pathology of the main human organ: the brain

**HENRY WAGNER HAS TAUGHT IN ALL
CONTINENTS WITH OUTMOST GENEROSITY
PROBABLY IT WOULD BE DIFFICULT FOR HIM
TO REMEMBER HOW MANY TIMES HE HAS
BEEN IN LATINAMERICA**

IX ALASBIMN CONGRESS, Montevideo, 1984



E Touya
Coordinador
IX Congreso

T Lemarchand
MIEMBRO
HONORARIO
ALASBIMN

J Vilella Pedras
Presidente
ALASBIMN

Ing E Levrero
Presidente
CNEA
Uruguay

Ing A R Costantini
Presidente
CNEA
Argentina

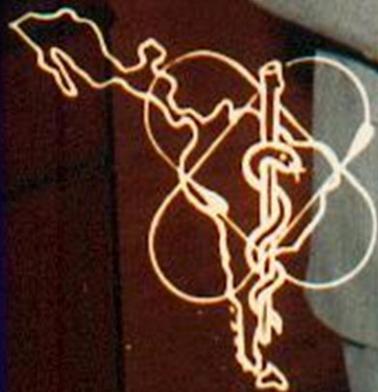
V Pecorini
Presidente
WFNMB

H N Wagner Jr
MIEMBRO
HONORARIO
ALASBIMN

J Gaudiano
Presidente
IX Congreso

**ALASBIMN
designed**

**Henry Wagner Jr
HONORARY
MEMBER**



IX CONGRESO DE ALASBIMN

9 al 13 DICIEMBRE 1984 ~ MONTEVIDEO ~ URUGUAY

- I remember listening to him say during his famous reviews at the closing of the annual meetings of the Society of Nuclear Medicine that: ***“the future of nuclear medicine is in PET imaging”*** Living in a world of very limited resources, these calls developed resistance among us because we saw PET as a very expensive technology. But, Henry had a vision deeper than any one of us and his yesterday prediction is our today’s reality

Professor Henry Wagner has a scientific production as vast in quantity as in quality

>700 Journal Articles

>120 Chapters in Books

>20 Books & Monographs

- Wagner HN Jr, Szabo Z, Buchanan JW, eds: Principles of Nuclear Medicine Second Edition, WB Saunders, Philadelphia, 1995

“Nuclear Medicine has alleviated suffering and prolonged the lives of millions of people. This book provides a beautiful overview of the subject” Glenn T. Seaborg, Nobel Laureate

**XIV ALASBIMN CONGRESS
SALVADOR, BAHIA, BRASIL, 1995**



EDWALDO E. CAMARGO, HENRY N. WAGNER Jr, ALIPIO DIAS NETO

**XIV ALASBIMN
CONGRESS
SALVADOR, BAHIA
BRASIL 1995**



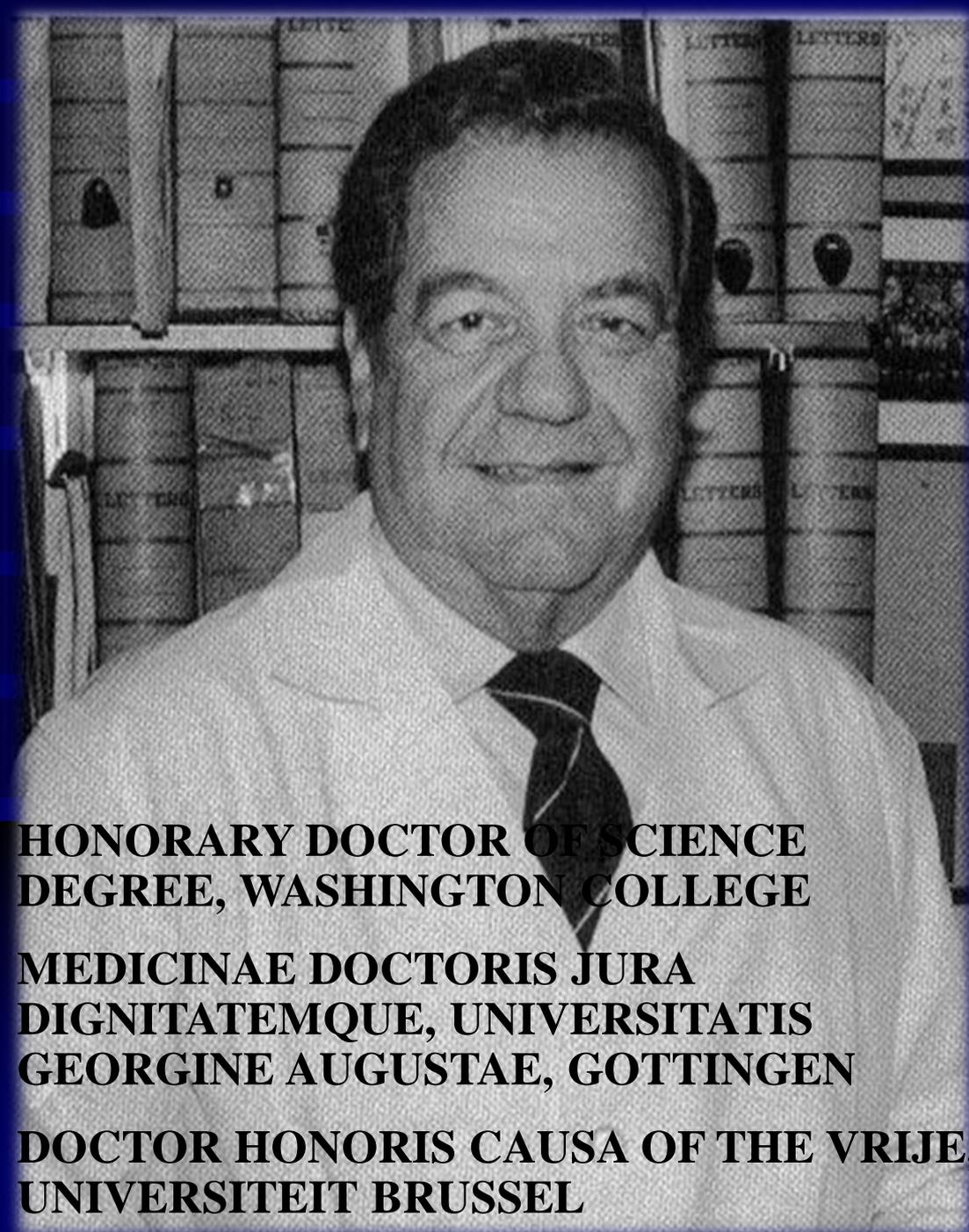
EDUARDO Y NAIR TOUYA, S. ASKIENAZY, HENRY Y ANNE WAGNER

**BIOLOGY & NUCLEAR
MEDICINE BRASILIAN
CONGRESS**

FOZ DO IGUAZU, 1996



MRS. CAMARGO, HENRY AND ANNE WAGNER



President AFCR

President SNM

**Founding Member Board
of Nuclear Medicine**

President WFNMB

**Vikram Surhabel Gold
Medal, SNM, India**

**Georg Von Hevesy
Medalist**

**Scientific Achievement
Award 1991, AMA**

**First Annual SNM
President's Award for
Outstanding
Contributions to Nuclear
Medicine**

**HONORARY DOCTOR OF SCIENCE
DEGREE, WASHINGTON COLLEGE**

**MEDICINAE DOCTORIS JURA
DIGNITATEMQUE, UNIVERSITATIS
GEORGINE AUGUSTAE, GOTTINGEN**

**DOCTOR HONORIS CAUSA OF THE VRIJE,
UNIVERSITEIT BRUSSEL**



**25th
consecutive
years**

**ANNUAL
MEETING
HIGHLIGHTS
SNM**



Once more, Professor Henry Wagner on behalf of your students and friends, of all the physicians, scientists, technologists, application specialists, administrators and salespersons affiliated to the World Federation of Nuclear Medicine and Biology, receive this special award that symbolizes our appreciation for your many contributions to THE HEALTH OF THE PEOPLE

WFNMB DIPLOMA TO OUTSTANDING WORLD AND REGIONAL SCIENTISTS IN THE FIELD OF NUCLEAR MEDICINE AND BIOLOGY

Considering that among its MAIN Objectives and Principles, the Charter of the WFNMB states:

- To develop cooperation between groups, societies and associations formed on a national level and active in the role of Nuclear Medicine and Biology.
- To promote the development of Nuclear Medicine and Biology.
- To establish technical standards, to aid in the diffusion of knowledge and exchange of scientific and technical information by means of conferences, colloquia, symposia and courses on regional, national and international levels.

The Executive Committee of the WFNMB, in office during the period 1998-2002, has decided to grant a special Award to outstanding worldwide or regional members of the Federation for their contribution to the progress of Nuclear Medicine in the fields of Research and Education.

Accordingly, at the time of the WFNMB Congress in Santiago from September 29 to October 4, a Special Diploma will be given to :

Prof. Henry N. Wagner Jr.

In addition, this award is given in recognition to valuable collaboration with the organization of the WFNMB Congress, participation in the Scientific Program or promotion of the event.

Horacio Amaral MD
President

Patricio Gonzalez MD
Secretary General

Pilar Orellana MD
Treasurer