In this WDS 2021, with the sponsorship of 2nd WDS and JSDR, ‘Distinguished Scientist Award’ is created for recognition of distinguished scientists who established the foundation for the current swallowing science and clinical practice in the world. This award is presented to four people who deserve, Prof. Ekberg, Prof. Kaneko, Prof. Miller, and Prof. Shaker. Award ceremony will be held to commemoration.

Saturday, August 21, 2021  13:35-13:50
Century Hall

Award ceremony
Ceremony of Distinguished Scientists Award sponsored by 2nd WDS and JSDR
Chair: Saitoh, Eiichi (Fujita Health University, Japan)

Officer Ekberg, MD, PhD (Senior professor of Lund University, Sweden)

Professor Ekberg was born in 1946 in Malmö, Sweden. He graduated from Medical Faculty, Lund University in 1972. He got Ph.D. in 1981 with thesis “Cineradiography in normal and abnormal pharyngoesophageal deglutition” from Lund University. Since 1997 he was professor & chair of Department of Diagnostic Radiology, Lund University. And since 2013 he is a senior professor.

He has taught many excellent researchers in dysphagia. He has published over 300 papers including peer reviewed articles, reviews, 45 book chapters and three textbooks. Representative is one of his textbooks Dysphagia: Diagnosis and Treatment 2nd edition (2019) which is a well-received book that provides a comprehensive and up-to-date description of the diagnosis and management of dysphagia. His work continues to influence many researchers and clinicians in this field around the world.

He is one of the founders of European Society for Swallowing Disorders (ESSD, since 2010) and till recently a board member of ESSD. Since early on he is an Associated Editor of the journal Dysphagia.

Professor Kaneko was born in 1932 in Tokyo, Japan, and graduated from Showa Dental College in 1956. Afterwards he got his DDS from University of Maryland in 1961 and PhD from University of Kentucky in 1966. He established Showa University School of Dentistry in 1979 and became the first president.

He is the first president of JSDR (Japan Society for Dysphagia Rehabilitation) established in 1995 and the founder of International Society for Dysphagia Rehabilitation. He is a member of the Japan Medical Association, the Japan Society of Physical Therapy, and the Society for swallow research.

As a leader in promoting dysphagia rehabilitation, he was active in working on the establishment of medical insurance system for dysphagia rehabilitation and in establishment of the Japanese Society of Dysphagia Rehabilitation (1995). He is the first chairperson of JSDR from 1997 to 2005, laying the foundation for the Society.

He received the Showa University Kamijo Scholarship Award in 1987 and the 100th Hungary Award of the International Fluoride Society in 1996.
アーサー・ミラー（カリフォルニア大学サンフランシスコ校 名誉教授）

ミラー教授は、臨床放射線療法学科の学術で著名な放射線生理学者です。彼の最初の研究は、唾液の臨床放射線の刺激に対する放射線生理学的研究を始めました。この研究は、1970年にカリフォルニア大学サンフランシスコ校の放射線防護としての効果を初めて求め、生化学者である故宮に高橋に文献を示しました。この研究から、いくつかの論文、1982年のPhysiological Reviewsのレビュー、そして、全ての臨床放射線の研究である1999年の著書「唾液と臨床放射線の障害」が出版されました。彼は、ジョンズホプキンス大学やウィスコンシン医科大学の著名な研究者たちと、米国臨床放射線学会の発表会期を含む多くの会議で講演し、臨床放射線のリハビリテーションに関する新しい治療の開発、唾液の排出を促進する放射線治療を含む放射線科学で確立された原理を使用しています。

彼は、その研究のほとんどをカリフォルニア大学サンフランシスコ校で終身教授として過ごし、長年にわたって日本とアメリカの関係を強化してきました。日本における放射線治療のリハビリテーションに関する新しい概念の開発や、放射線治療の効果を増幅する放射線治療の開発を展開しています。彼は、その優れた持続力と明確な概念の交流を楽しんでいます。

Arthur J. Miller, PhD (Professor Emeritus, University of California at San Francisco, USA)

Professor Miller is a neurophysiologist who has worked in the field of brain stem reflexes and cerebrovascular. His original research started with the neurophysiological parameters underlying the brain stem reflex of swallowing. This work started as a thesis while a trainee at the Brain Research Institute at UCLA in 1970, and led to a PhD in physiology. This work resulted in several papers, a review in Physiological Reviews in 1982, and a book "The Neurophysiological Principles Underlying Swallowing and Dysphagia", a must-read for all dysphagia researchers, in 1999.

It was an honor for him to join the Dysphagia Research Society in its early stages of development led by outstanding people at Johns Hopkins University and the Medical College of Wisconsin.

He was on the executive board of DRS for several years and was President in 2007-2008 organizing their annual meeting which took place in Vancouver, Canada. The DRS provides the basis for international investigators around the world to come and present their research and has had increased ties between Japan and the United States over many years. Many of the new concepts on rehabilitation in dysphagia are using principles established in neuroscience including electrical stimulation and transcranial magnetic cortical stimulation.

He has spent most of his career at the University of California, San Francisco as a tenured professor and has thoroughly enjoyed many interactions over many of these years with great colleagues in Japan.

レザ シャキアー（ウィスコンシン医科大学 消化器内科 教授）

シャキアー教授は、唾液障害と逆流性食道炎の分野での研究と臨床的専門知識で国際的に認められた消化器病専門医です。彼はウィスコンシン医科大学の医学、放射線学、耳鼻咽喉科の教授を務めています。

シャキアー教授の研究は、1992年以来、米国国立衛生研究所（NIH）から継続的に資金提供を受けており、唾液障害および胃食道逆流症患者の治療に対する治療効果の分野で、新研究と治療につながるいくつかの重要な発見をもたらしました。

彼の研究は、上部食道括約筋由来の唾液障害に対するリハビリテーション訓練の開発につながりました。シャキアー教授は、現在、唾液障害患者を治療するために世界の臨床領域の一つになっています。また、FDAで承認された上部食道括約筋補助装置（「レザ・ブリッジ/リファル・バンド」）は、気道合併症を有する逆流性食道炎の食道管内の制御技術（T-EGD）を開発しました。

彼は300以上の原著論文を発表し、頻繁に引用される『唾液の原則 Principles of Deglutition』を含む多くの教科書を著しました。彼は、米国の24州で診療を行っている60以上の消化器専門医に加えて、現在指導の立場にある世界中の20以上の研究者を指導してきました。彼は米国消化器学会（DRA）の創設者です。

Reza Shaker, MD (Associate Provost, Senior Associate Dean, Center Director, Chief, Professor of Department of Medicine, Division of Gastroenterology, Medical College of Wisconsin, USA)

Professor Shaker is internationally recognized gastroenterologist for his research and clinical expertise in the fields of dysphagia and reflux disease. He is a Professor of Medicine, Radiology, and Otolaryngology, Medical College of Wisconsin.

Professor Shaker's research has been funded continuously by the United States National Institute of Health (NIH) since 1992 and has led to some of the seminal discoveries in the area of airway protection against aspiration which has opened new avenues of investigation and treatment for patients with swallowing disorders and gastroesophageal reflux disease.

His research has led to development of rehabilitative exercises for upper esophageal sphincter dysphagia; the Shaker Exercise, now part of the clinical armamentarium world-wide for treating dysphagic patients, development of the FDA approved "Reza Band/Reflex Band" a UES Assist Device for preventing reflux of gastric content into the pharynx and aspiration in patients with airway complications of reflux disease and development of the technique of trans-nasal un-seated upper GI endoscopy (T-EGD) for concurrent out-patient evaluation of the aerodigestive tract and the esophagus.

He has published over 300 original papers and edited or co-edited a number of textbooks including the highly used "Principles of Deglutition". He has trained over 60 gastroenterologists who are currently in practice in 24 states in the United States in addition to over 20 Academicians from around the globe some of whom currently in leadership positions. He is the founder of Dysphagia Research Society (DRS).