

# GUEST FACULTIES

The Organising Committee would like to thank the following guest faculties for their invaluable contributions to the 27<sup>th</sup> Annual Scientific Meeting

## **Dr. Neil A. MARTIN**

Director of Innovation and Quality  
Pacific Neuroscience Institute and  
Providence Saint John's Health Center in Santa Monica, California  
Regional Medical Director of Neuroscience for Provident Southern California, USA

## **Prof. Yoshihiro MURAGAKI**

Faculty of Advanced Techno-Surgery  
Institute of Advanced Biomedical Engineering and Science  
Graduate School of Medicine  
Department of Neurosurgery, Neurological Institute  
Tokyo Women's Medical University, Japan

## **Prof. Walter JEAN**

Professor  
Department of Neurosurgery  
George Washington University, Medical Faculty Associates, Washington D.C., USA

## **Prof. David LAM**

Professor  
Department of Mechanical and Aerospace Engineering  
The Hong Kong University of Science and Technology

## **Dr. Gary LAU**

Clinical Assistant Professor  
Division of Neurology, Department of Medicine  
LKS Faculty of Medicine, The University of Hong Kong

## **Dr. David SUN**

Hospital Chief Executive/Neurosurgeon  
North District Hospital

## **Dr. Kwong-yui YAM**

Neurosurgeon/Chief of Service  
Department of Neurosurgery  
Tuen Mun Hospital

## GUEST FACULTY



### Dr. Neil A. MARTIN

Director of Quality and Innovation  
Pacific Neuroscience Institute  
Santa Monica, California  
USA

Dr. Martin worked at UCLA as Chair of the Department of Neurosurgery, which was founded under his leadership in 2008. Dr. Martin also served as Co-Director of the Brain Injury Research Center, and Co-Director of the UCLA Stroke Center. He has published more than 300 scientific/clinical articles and conducted NIH-funded research in cerebral blood flow and metabolism, neurosurgical critical care, and minimally invasive neurosurgery.

In January, 2017, Dr Martin moved to Danville, Pennsylvania as Director of the Geisinger Neuroscience Institute, which includes the Departments of Neurology, Neurosurgery, Psychiatry, and Otolaryngology. He also served as Chief Quality Officer for the Geisinger Health System. He collaborated in clinical neuroscience research with the MyCode population genomics team.

After three years at Geisinger, Dr Martin returned to Los Angeles, where he joined founder Dan Kelly, MD, in the Pacific Neuroscience Institute, as Director of Quality and Innovation. He also has a system role as Medical Director for Neuroscience for the 12 hospitals of the Southern California Providence Health system.

### Honors and Awards

1976	Robert C. Bryan Prize in Pathology, Department of Pathology, Medical College of Virginia
1977	A.D. Williams Scholarship (First in Medical School Clinical Rotations)
1977 - 1978	Alpha Omega Alpha (President) Medical College of Virginia
1984	Henry Newman Award, San Francisco Neurological Society
1991	Visiting Professor University of Miami Department of Neurological Surgery
1991	Visiting Professor Allegheny General Hospital Department Neurological Surgery
1991	Visiting Professor University of Washington Department of Neurological Surgery
1991	Second Place - Poster presentation - American Association of Neurological Surgeons
1991	Honorable Mention - Poster presentation - Congress of Neurological Surgeons
1994	Named in "The Best Doctors in America 1994-1995" (Vascular Neurosurgery Section), Woodward White, Inc., Aiken, South Carolina
1994	First place - Poster presentation - Annual Meeting of the Congress of Neurological Surgeons, 1994: Shalmon E, Hovda D, Caron M, Martin N, Iocolano S, Blander E, Becker D: Cerebral metabolism in severe head-injured patients: a question of ischemia
1996	Named in "The Best Doctors in America: Pacific Region 1996-1997", Woodward White, Inc., Aiken, South Carolina
1996	Named in November issue of Los Angeles Magazine "The Best Doctors in Los Angeles"
1996	2 <sup>nd</sup> Prize - Trauma Resident Paper Competition, Southern California Committee on Trauma, December 2, 1996: Lee J, Martin N, Alsina G, MacArthur D, Zaucha K, Hovda D, Becker D: Hemodynamically significant cerebral vasospasm and outcome following head injury: a prospective study.
2001	"Stars for Stroke" award, honored for contributions to stroke care, with the UCLA Stroke Center Co-Directors, by the National Stroke Association
2003	Named in "Best Heart (and Stroke) Doctors" Good Housekeeping, 1996 Named in "Best Doctors in America 2003-2004" database
2006	Named Honorary Member of the Frank H. Mayfield Society
2006	Superior Wireless Achievement 3G A-List Award
2007	Mobile Enterprise Award, Recipient

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### Prof. Yoshihiro MURAGAKI

Professor

Faculty of Advanced Techno-Surgery, Tokyo Women's Medical University  
Japan

He was a certified neurosurgeon from 1992 at the department of Neurosurgery, Tokyo Women's Medical University and an associate professor from 2009 at the Faculty of Advanced Techno-Surgery, Tokyo Women's Medical University. He has been a Professor in the same faculty from 2011. He engages in brain tumor treatment, intraoperative MRI, and regulatory science.

Dr. Muragaki is a member of Japanese Neurosurgical Society, the Japan Society for Neuro-Oncology, and Japanese Society for Medical and Biological Engineering. His award and honors include the Japan Open Innovation Prize, Chunichi Industrial Award, Robot Award, Microsoft Innovation Award and Sankei High-Tech Award.

#### **Education**

1986	M.D. degree from Kobe University
1997	Ph.D. degree in Medical Science from Tokyo Women's Medical College
2014	Ph.D. degree in BioMedical Science from Waseda University

## GUEST FACULTY



### Prof. Walter JEAN

Professor, Department of Neurosurgery  
 Director, Skull Base Neurosurgery  
 Associate Program Director, Neurosurgery Residency Program  
 George Washington University, Medical Faculty Associates, Washington, D.C.  
 USA

#### **Education**

1989      Princeton University, Princeton, NJ  
 1993      Cornell University Medical College, New York, NY

#### **Former Positions**

2001 - 2016      Professor, Departments of Neurosurgery, Radiation Medicine & Otolaryngology,  
                          Georgetown University, School of Medicine, Washington, D.C.  
                          Director, Surgical Neuro-Oncology  
                          Director, Skull Base Neurosurgery  
 2004 - 2016      Graduate Medical Education Committee, Georgetown University Hospital  
 2010 - 2016      Program Director, Neurosurgery Residency Program

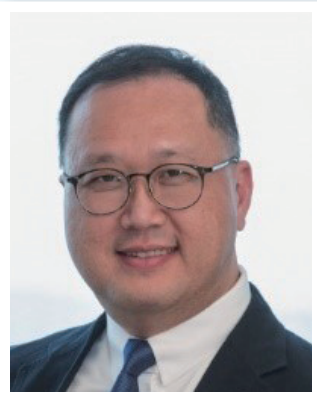
#### **Certification**

2004      Diplomate, American Board of Neurological Surgery  
                  Board of Medicine, District of Columbia, License  
                  Board of Medicine, Virginia, License  
                  Board of Physicians, Maryland, License

#### **Major Awards/Honors**

1989      George Khoury 1965 Senior Prize for academic excellence, Princeton University  
 1989      Sigma Xi, scientific research honor society, Princeton University  
 1989      Phi Beta Kappa, Princeton University  
 1991      Alpha Omega Alpha, medical honor society, Cornell University Medical College  
 1993      The John Metcalf Polk Prize for General Efficiency - highest academic honor,  
                  Cornell University Medical College  
 1997      The Preuss Resident Research Award, Joint Sections on Tumors, Congress of Neurological  
                  Surgeons and American Assoc. of Neurological Surgeons  
 1998      The Peyton Award for Outstanding Presentation of Scientific Investigation,  
                  University of Minnesota Medical School, Department of Neurosurgery  
 1998      The Seljeskog Award for Outstanding Resident Publication,  
                  University of Minnesota Medical School, Department of Neurosurgery

## GUEST FACULTY



### Prof. David LAM

Professor  
Department of Mechanical and Aerospace Engineering  
Hong Kong University of Science and Technology

Prof. David CC LAM founded the advanced stroke treatment technology program and the endoluminal system (ES) group with Prof. John CK KWOK. The ES group develops endoluminal thrombectomy devices to treat ischemic stroke and accelerated drainage systems to treat cerebral hematoma. The group works with HADCL and develops new integrated tests and AI indices to support aneurysm rupture risk assessment. Prof. Lam is leading the ocular system (OS) group concurrently with Prof. M-B YU. The OS group develops wearable sensors, AI diagnostic systems, and ocular drug delivery devices to treat eye diseases. In industrial engagements, Prof. Lam promotes and supports sensing and big data acquisition for AI systems to improve complex systems in industries to reduce pollution in Hong Kong. Prof. LAM is a professor in the Department of Mechanical and Aerospace Engineering in HKUST.

## GUEST FACULTY



### Dr. Gary LAU

Clinical Assistant Professor, Division of Neurology, Department of Medicine, LKS Faculty of Medicine, The University of Hong Kong  
 Honorary Associate Consultant, HKU-Shenzhen Hospital, Shenzhen  
 Honorary Specialist, Division of Neurology, Department of Medicine, Hong Kong West Cluster of Hospitals, Hong Kong  
 Honorary Research Fellow, Sao Po Centre on Ageing, The University of Hong Kong  
 Principal Investigator, The State Key Laboratory of Brain and Cognitive Sciences, The University of Hong Kong

#### **Qualifications and Appointments**

##### **Academic Qualifications**

- |      |   |
|------|---|
| 2008 | M.B.,B.S., LKS Faculty of Medicine, The University of Hong Kong MRes (Med), LKS Faculty of Medicine, The University of Hong Kong<br>(Supervisors: Professor Hung Fat Tse and Professor Chu Pak Lau, Division of Cardiology, Department of Medicine, LKS Faculty of Medicine, HKU) |
| 2018 | Doctor of Philosophy in Clinical Neurosciences, University of Oxford<br>(Supervisor: Professor Peter Rothwell, Centre for Prevention of Stroke and Dementia, Nuffield Department of Clinical Neurosciences, University of Oxford)   |

##### **Professional Qualifications**

- |      |   |
|------|---|
| 2011 | Member of the Royal College of Physicians (UK) Member of Hong Kong College of Physicians                    |
| 2015 | Fellow of the Hong Kong College of Physicians (Neurology)   |
| 2016 | Fellow of the Hong Kong Academy of Medicine (Medicine)<br>Associate Fellow of Higher Education Academy (UK) |
| 2018 | Fellow of European Stroke Organisation  |
| 2019 | Fellow of Royal College of Physicians (Edinburgh, UK)   |
| 2019 | Fellow of Royal College of Physicians (Glasgow, UK)   |

##### **Academic Positions**

- |                |   |
|----------------|---|
| 2011 - Present | Clinical Assistant Professor, Division of Neurology, Department of Medicine, LKS Faculty of Medicine, HKU                                   |
| 2015 - 2017    | Clinical Research Fellow, Centre for Prevention of Stroke and Dementia, Nuffield Department of Clinical Neurosciences, University of Oxford |

##### **Honorary Appointments**

- |                |   |
|----------------|---|
| 2015 - present | Honorary Specialist, Department of Medicine, Hong Kong West Cluster of Hospitals, Hospital Authority, Hong Kong |
| 2016 - present | Honorary Research Fellow, Sau Po Centre on Ageing, The University of Hong Kong                                  |
| 2019 - present | Honorary Associate Consultant, HKU-Shenzhen Hospital, Shenzhen  |

## GUEST FACULTY



### Dr. David SUN

Hospital Chief Executive of North District Hospital  
Honorary Clinical Associate Professor, Department of Surgery,  
The Chinese University of Hong Kong

David graduated from the Chinese University of Hong Kong. He received his Neurosurgical training in Hong Kong and Spine Clinical Fellowship in Toronto Western Hospital in Canada. His special interests include minimally invasive spine surgeries, spinal cord injury, intracerebral hemorrhage, neurovascular surgery for stroke, and neurorehabilitation. He is currently Hospital Chief Executive of North District Hospital and Honorary Clinical Associate Professor in Department of Surgery, the Chinese University of Hong Kong.

Before picking up the full time administrative position in 2016, he played an integral role in Spine, Cerebral revascularization and Neurorehabilitation Services in the Division of Neurosurgery of Prince of Wales Hospital. He was also the convener of Hong Kong Neurosurgical Spine Interest Group, Founding Chairman of Hong Kong Pain Foundation, and Expert Advisory Panel of International Spine Committee in World Federation of Neurosurgical Societies. He was invited speaker in various International Conferences and training faculty in many workshops organized by AO Spine and International Spine Committee of WFNS. He received Exceptional Achievement Award by the International Spine Committee of WFNS in 2012.

Lately David remains actively involved in promoting Spine Surgery and Pain patient care development in Hong Kong.



## GUEST FACULTY



### Dr. Kwong-yui YAM

Chief of Service, Consultant Neurosurgeon, Tuen Mun Hospital

#### **Education**

1986	MBBS (Hong Kong)
1991	FRCS (Edinburgh)
1993	FCS (Hong Kong)
1993	FHKAM (Surgery)

#### **Working Experience**

1987	Medical Officer, Thoracic Surgical Unit, Kowloon Hospital
1988	Medical Officer, Orthopaedic and Traumatology Unit, Queen Elizabeth Hospital
1989	Medical Officer, Government Surgical Unit, Queen Mary Hospital
1990 - 1992	Medical Officer, Neurosurgical Unit, Queen Elizabeth Hospital
1992 - 1996	Senior Medical Officer, Neurosurgical Unit, Queen Elizabeth Hospital
1996 - 2014	Consultant Neurosurgeon, Department of Neurosurgery, Tuen Mun Hospital
2014 - Present	Chief of Service, Department of Neurosurgery, Tuen Mun Hospital

#### **Professional Society**

2001	World Federation of Neurosurgical Societies Fellow
2001 - 2012	Foundation fellow and Council Member, Hong Kong Epilepsy Society
2006 - 2010	Hon. Treasurer, The Hong Kong Neurosurgical Society
2010 - 2012	Vice-President, The Hong Kong Neurosurgical Society
2012 - 2016	President, The Hong Kong Neurosurgical Society
2015 - 2018	Hospital Authority Neurosurgery COC Chairman
2019	College of Surgeons Hong Kong Neurosurgery Board Chairman