KI-NTU-ORAL HEALTH ACP
JOINT RESEARCH CONFERENCE

4 Nov 2019 (Mon)
MORNING SESSION
President’s Lecture
Prof Ole Petter Ottersen (KI)
Prof Subra Suresh (NTU)

Launch of National Dental Research Institute Singapore (NDRIS)

Orofacial Medical Technology (I)
SOFI Overview
Cla/Prof Goh Bee Tin (NDCS)

Bone Engineering, Implants and Prosthesis
Prof Hanawa Takao (Tokyo Medical & Dental University)
Prof Mats Trulsson (KI)
Prof Subbu Venkatraman (NTU)
Asst Prof Hemant Unadkat (NDCS)
Dr Liu Yuchun (NDCS)

ORH ACP Young Investigator Award
Poster Competition

AFTERNOON SESSION
Orofacial Medical Technology (II)
Bone Engineering, Digital Dentures and Fish Skin
Prof Teoh Swee Hin (NTU)
Asst Prof Yu Na (NDCS)
Mr Charles Lau (NDCS)

Oral Population Health (I)
SOPI Overview
Prof Marco Peres (Griffith University)

Improving Population Oral Health
Prof Richard Watt (University College London)
Prof Göran Dahllöf (KI)
Prof Theng Yin Leng (NTU)
Cla/Prof Christina Sim (NDCS)
A/Prof Josip Car (NTU)
Prof Sven Pettersson (NTU)

Invited International Speakers
Ending the Neglect of Global Health – Time for Radical Action
4 Nov
Professor Richard Watt
Chair, Dental Public Health,
University College London

The Oral Microbiome in Health and Disease
5 Nov
Professor William Wade
Professor of Oral Microbiology,
Centre for Host-Microbiome Interactions,
King’s College London

5 Nov 2019 (Tue)
MORNING SESSION
Oral Population Health (II)
Personalised Periodontics
Prof Jin Lijian (HKU)

Inflammation and Oral Health
Prof Malin Ernberg (KI)
Prof Paolo Parini (KI)

Oral Microbiomics
SOMI Overview
Prof Jaya Seneviratne (NDCS)

Oral Microbiome in Different Disease States
Prof William Wade (King’s College London)
A/Prof Tülay Lindberg (KI)
A/Prof Margaret Sällberg Chen (KI)
Dr Rahul Nagadia (NDCS)
A/Prof Niklas Björkström (KI)
Dr Preethi Prajod (NDCS)

Venue: NDCS Auditorium, Level 8
Date: 4 Nov (0830 – 1800)
5 Nov (0830 – 1230)

Jointly organised by:
Karolinska Institutet
Nanyang Technological University
SingHealth Duke-NUS
Academic Medical Centre
ORAL HEALTH
TIME | PROGRAMME
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0800 | REGISTRATION AT NDICS LEVEL 8, SGH
0830 | OPENING PERFORMANCE
0840 | WELCOME ADDRESS
0900 | PRESIDENT’S LECTURE I
0920 | PRESIDENT’S LECTURE II
0950 | LAUNCH OF NATIONAL DENTAL RESEARCH INSTITUTE SINGAPORE (NDRIS)
1030 | TEA BREAK

SINGAPORE ORO-FACIAL INITIATIVE (SOFI)

1100 | OVERVIEW OF SOFI
1110 | IS IT TIME FOR A PARADIGM SHIFT IN DENTAL SURGERY?
1130 | MASTICATIONARY FUNCTION WITH NATURAL TEETH AND DENTAL IMPLANTS
1150 | BIOFUNCTIONALITY OF METALLIC MATERIALS FOR REGENERATIVE MEDICINE
1210 | ARTIFICIAL INTELLIGENCE-BASED APPROACHES FOR CRANIOFACIAL TISSUE REGENERATION
1230 | DEVICE DESIGN TO PRECLINICAL ANIMAL STUDY: A NOVEL MODULAR MANDIBLE ENDOPROSTHESIS FOR THE REPAIR OF SEGMENTAL MANDIBLE DEFECTS

1300 | LUNCH & YOUNG INVESTIGATOR POSTER AWARD COMPETITION

1400 | ENGINEERING BONE: STRATEGIES TO IMPROVE FRACTURE AND WEAR RESISTANCE
1420 | DIGITAL DENTURE WORKFLOW: CHALLENGES AND OPPORTUNITIES
1440 | ENGINEERING FISH SKIN INTO SCAFFOLDS FOR BONE REGENERATION

SINGAPORE ORAL POPULATION HEALTH INITIATIVE (SOPHI)

1500 | OVERVIEW OF SOPHI
1510 | ENDING THE NEGLECT OF GLOBAL ORAL HEALTH – TIME FOR RADICAL ACTION
1530 | REGISTER-BASED EPIDEMIOLOGICAL RESEARCH TO IMPROVE CARES PREVENTION IN CHILDREN

1600 | TEA BREAK

1630 | DESIGNING FOR HOMECARE AND CAREGIVING SERVICES FOR THE ELDERLY IN SINGAPORE: LESSONS LEARNED?
1650 | TELE-DENTISTRY: A NEW TOOL FOR ORAL CARE COORDINATION FOR THE ELDERLY
1710 | ORAL POPULATION HEALTH FRONTIERS FOR DIGITAL HEALTH
1730 | GUT MICROBE COMPOSITION AND FUNCTION REGULATING AGE ASSOCIATED LOSS OF ORGAN FUNCTION

1750 | YOUNG INVESTIGATOR AWARD PRESENTATION
1800 | END

TIME | PROGRAMME
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0800 | REGISTRATION
0830 | PERSONALISED PERIODONTICS: A GLOBAL VIEW, RATIONALE, STRATEGY AND PERSPECTIVE
0850 | DOES LOW-GRADE INFLAMMATION CAUSE CHRONIC MUSCLE PAIN?
0910 | CARDIOMETABOLIC DISEASES, INFLAMMATION AND AGING

SINGAPORE ORAL MICROBIOMICS INITIATIVE (SOMI)

0930 | OVERVIEW OF SOMI
0940 | THE ORAL MICROBIOME IN HEALTH AND DISEASE

1000 | TEA BREAK

1030 | PERIODONTAL HEALTH AND ORAL MICROBIOTA IN PATIENTS WITH RHEUMATOID ARTHRITIS
1050 | ORAL MICROBIOTA AND IMMUNE DYNAMICS IN EARLY HEPATOPANCREATIC MALIGNANCIES
1110 | AN INTRODUCTION TO “SAUVANOMICS”
1130 | UNRAVELING THE DIVERSITY OF HUMAN TISSUE IMMUNOLOGY USING 29-COLOUR FLOW CYTOMETRY TECHNOLOGY
1150 | CHARACTERISATION OF ORAL MICROBIOME DURING PREGNANCY AND ITS ASSOCIATION WITH PREGNANCY GINGIVITIS

1215 | CONFERENCE CLOSE