

# The Inaugural Scientific Meeting of Near Infrared Photoimmunotherapy (NIR-PIT)

June 3 (Wed) 2026 NIH Natcher Building45 (Bethesda, Maryland, USA)

0815/0830 Shuttle bus from the Bethesda Marriott hotel to NIH

## 0920 Morning Session 1 : Current State of NIR-PIT

Opening remarks: Hisataka Kobayashi

Chair: Hirofumi Hanaoka

0930-0950 「History and Current Status of Near Infrared Photoimmunotherapy of Cancer」

Hisataka Kobayashi National Institutes of Health, USA/Kansai Medical University, Japan

0950-1010 「Mechanistic Insights into NIR-PIT」

Mikako Ogawa Hokkaido University, Japan

Coffee Break1

## 1025 Morning Session 2 : Emerging uses of NIR-PIT for Pancreas cancer

Chair: Hisataka Kobayashi

1025-1045 「Emerging Uses for NIR-PIT for Pancreatic and Colon Cancers」

Michael Bouvet University of California San Diego, USA

1045-1105 「ANTXR2-Targeted NIR-PIT Eradicates Pancreatic Cancer Stem Cells」

Keiichi Nakayama Institute of Science Tokyo, Japan

1105-1125 「Metabolotheranostics of pancreatic cancer by targeting choline, glutamine, and glucose transporters with photoimmunotherapy」

Zaver Bhujwalla Johns Hopkins University, USA

5 min Break2

## 1130 Morning Session 3 : New Clinical Applications of EGFR targeted NIR-PIT

Chair: Mikako Ogawa

1130-1155 「HICARi Study: Phase II Trial of EGFR-Targeted Photoimmunotherapy for Recurrent and Persistent Vulvar, Vaginal, and Cervical Cancers Not Amenable to Further Radiotherapy」

Hiroshi Asano · Hidemichi Watari Hokkaido University, Japan

1155-1220 「title\*TBA」

G.M.(Gooitzen Michell)Van Dam University of Groningen, NLD

Lunch/Display, poster viewing

**1320 Afternoon Session 1 :  
Clinical outcome of NIR-PIT for head and neck cancer patients in Japan and USA**

Chair: Takahiro Asakage

1320-1345 「Real-world data on Near-infrared photoimmunotherapy for head and neck cancer in Japan.」  
Takahiro Asakage Institute of Science Tokyo, Japan

1345-1410 「Real-World Outcomes and Biological Insights of Photoimmunotherapy for  
RecurrentNasopharyngeal Carcinoma: Findings from the NPC-PIT Nationwide Study」  
Takeshi Shinozaki National Cancer Center Hospital East, Japan

1410-1435 「title\*TBA」  
David M. Cognetti Thomas Jefferson University, USA

Coffee Break3

**1450 Afternoon Session 2 : Other Applications of NIR-PIT**

Chair: Hisataka Kobayashi

1450-1510 「Beyond the Cutting Edge : Revolutionizing Cancer Surgery with Theranostics」  
James P. Basilion Case Western Reserve University, USA

1510-1530 「COVALENT LIGANDS FOR ENZYME TARGETS: POTENTIAL APPLICATIONS TO NIR-PIT」  
Matthew Bogyo Stanford University, USA

Coffee Break4

**1545 Afternoon Session 3 : Newly Available Resources**

Chair: Aki Furusawa

1545-1605 「New PIT agents」  
Peter L. Choyke National Cancer Institute, USA

1605-1625 「Development of novel photosensitizers for photoimmunotherapy, IR702HKT」  
Hideo Takakura Kansai Medical University, Japan

1625-1645 「PDPN-Targeted NIR-PIT: Preclinical Evaluation and Clinical Applications」  
Aki Furusawa National Cancer Institute, USA

1645- 「Combination Photoimmunotherapy and Immunocytokine Therapy」  
Thinzar Helmi Lwin City of Hope National Medical Center

1700- Poster Viewing/Session

1745/1800 Shuttle bus from NIH to the Bethesda Marriott Hotel

1830-2000 Reception (at Bethesda Marriott Hotel)