

Chair: Mamiko Tosa (Plastic, Reconstructive and Aesthetic Surgery, Nippon Medical School)

**O-01 What happens to an acellular scar matrix after implantation in vivo?**

Chenzhi Lai (Plastic Surgery Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College)

**O-02 Efficacy of delay versus immediate postoperative radiotherapy in keloid patients**

Cheng Feng Chu (Department of Plastic and Reconstructive Surgery, Keelung Chang Gung Memorial Hospital, Taiwan)

**O-03 Effectiveness of W-plasty scar revision after self-harm scars of arms**

AKIRA TAKEDA (Dept. of plastic and aesthetic surgery, Kitasato Univ.)

**O-04 Immunohistological study on the influence of TA to the keloid fibroblasts in NOD/Scid mouse**

Yuki Nishikawa (Kindai University Faculty Medicine Department of Plastic and Reconstructive Surgery)

**O-05 Two cases of refractory acne keloidalis nuchae treated surgically using perforator flaps**

Ayaka Deguchi (Osaka City University Department of Plastic and Reconstructive Surgery)

**O-06 Energy based device treatment for nail scratch wound scar**

Chieko Komaba (Department of Plastic Surgery, Tokai University School of Medicine)

**O-07 Mathematical model of keloid in time-development process**

Hiroataka Kanazawa (International Institute of Advanced Studies /Ashiya Municipal Hospital)

**O-08 *In Vivo* Analysis of the Superficial and Deep Fascia to Optimize Subcutaneous Sutures**

Diya' S.N. Hammoudeh (Nippon Medical School)

**O-09 Analysis of the scar contracture after neck dissection**

Taku Maeda (Hokkaido University Hospital)

**O-10 Reoperation and reirradiation therapy for relapse keloid cases**

Rikako Noda (Department of plastic and reconstructive surgery, Keio university, School of medicine / Department of plastic surgery, Yokohama municipal citizen's hospital)