Dermatology

1. Staffs and Students (April 2009)

Professor Hiroo YOKOZEKI
Associate Professor Takahiro SATOH
Junior Associate Professor Ken IGAWA, Kaoru TAKAYAMA
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Hospital Staff Eishi TAKAHASH, Mami YUKAWA, Chieko SHIMURA, Risa WATANABE, Yuko TAKANO, Ayako OOSHIO, Miyuki SAKAI, Akiko FUJIWARA

Secretary Yukako KIKUCHI
Residents Kouhei KATOU, Ai KUBOTA, Rie YU
Graduate students Naoko OKIYAMA, Tsukasa UGAIJIN, Akiko IMAI, Yoshihiro YAMAMOTO, Kazumi SAEKI, Yuki TAKEHARA, Yuki MATSUSHIMA, Rika SEKINE, Yuichi ITO, Yasumasa KANAI

2. Purpose of Education

Dermatology is a department of medical science which educates students to make a diagnosis and treatment for skin diseases. Main objective of Dermatology in the graduate course is to provide students opportunity to study advanced Immunodermatology, physiology, pathology and allergology, and also to study making diagnosis of skin diseases and operation techniques. Students are also taught on skin oncology (melanoma, angiosarcoma) and its related laboratory technology depending on their research project.

3. Research Subjects

1) Mechanisms of contact hypersensitivity
2) Pathological etiology of atopic dermatitis
3) Mechanisms of eosinophil recruitment to the skin
4) Roles of basophils in human skin diseases
5) Functional roles of PGD2 and its receptors in allergic inflammation
6) Therapeutic approach for skin diseases by stable form of galectin-9
7) Therapeutic approach for scleroderma by decoy oligodeoxynucleotides
8) Analysis of pathological mechanisms of hyperhidrosis
9) Investigation of mediators for itch
10) Therapeutic approach for angiosarcoma with HVJ-E.
11) Pathological etiology of chronic prurigo

4. Clinical Services

Dermatology clinic provides an advanced treatment for skin diseases; skin tumors, infectious diseases, skin allergy, collagen diseases and psoriasis. Recently, we established the gene thearies (STAT6 decoy ODN) for severe atopic dermatitis in the clinic.

5. Publications

Original Article

3. Okiyama N, Sugihara T, Iwakura Y, Yokozeki H, Miyasaka N, Kohsaka H: Therapeutic effects of IL-6 blockade on a murine model of polymyositis that does not require IL-17A. Arthritis and Rheumatism, 60(8):2505-12, 2009.


