Contents, Vol. 111, Supplement 1, 1996

Eosinophils in Allergy and Related Diseases
Proceedings of a Workshop Guest Editors
Tokyo, Japan Sohei Makino, Tochigi
June 16-17, 1995 Takeru Ishikawa, Kumamoto
Takeshi Fukuda, Tochigi
45 figures, 1 in color, and 11 tables, 1996
KARGER
International Archives of Allergy and Immunology
Vol. III, Suppl. 1,1996
Contents

Makino, S.; Ishikawa, T.; Fukuda, T.
Preface

Papers

Eosinophils Negatively Regulate Eosinophilopoiesis by Decreasing IL-5 Levels

Wakugawa, M.; Nakagawa, H. Yamada, N.; Tamaki, K.
Chronologic Analysis of Eosinophil Granule Protein Deposition and Cell Adhesion Molecule Expression in Mite Allergen-Induced Dermatitis in Atopic Subjects

Shiiba, M.; Takaki, S.; Takatsu, K.
Interleukin-3 (IL-3) and Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) Can Induce Differentiation of Chronic B Cell Leukemia Expressing the α Subunit of IL-3 and GM-CSF Receptor

Kaminuma, O.; Mori, A.; Suko, M.; Nishizaki, Y.; Kikkawa, H.; Ikezawa, K.; Okudaira, H.
A Novel Phosphodiesterase Inhibitor, T-440: Possible Management of Eosinophilic Inflammation by Down-Regulation of Interleukin-5 Production

RANTES mRNA Expression in Skin and Colon of Patients with Atopic Dermatitis

Yoshida, T.; Fujita, K.; Nishimoto, M.; Takaiwa, T.; Hirashima, M.
Heterogeneous Chemotactic Response of Eosinophils from Patients with Atopic Dermatitis to Eosinophil Chemotactic Factors

22


Comparison of Surface Antigens on Eosinophils from Patients with Eosinophilia

26

Saita, N.; Yamanaka, T.; Sugimoto, M.; Kohrogi, H.; Suga, M.; Ando, M.; Hirashima, M.

Heterogeneity of Eosinophils in Chronic Eosinophilic Pneumonia

29

KAIIGEΓ1

E-Mail karger@karger.ch Fax + 41 61 306 12 34 http:// www.karger.ch

© 1996 S. Karger AG, Basel

The list of contents is available at: http://www.karger.ch/journals/iaa/iaacont.htm

III

S. Karger

Medical and Scientific Publishers Basel • Freiburg • Paris • London New York • New Delhi • Bangkok Singapore • Tokyo • Sydney

Drug Dosage

The authors and the publisher have exerted every effort to ensure that drug selection and dosage set forth in this text are in accord with current recommendations and practice at the time of publication. However, in view of ongoing research, changes in government regulations, and the constant flow of information relating to drug therapy and drug reactions, the reader is urged to check the package insert for each drug for any change in indications and dosage and for added warnings and precautions. This is particularly important when the recommended agent is a new and/or infrequently employed drug.

All rights reserved.

No part of this publication may be translated into other languages, reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, microcopying, or by any information storage and retrieval system, without permission in writing from the publisher or, in the case of photocopying, direct payment of a specified fee to the Copyright Clearance Center (see ‘Information for Readers and Subscribers’).

© Copyright 1996 by S. Karger AG, P.O. Box, CH-4009 Basel (Switzerland) Printed in Switzerland on acid-free paper by Reinhardt Druck, Basel ISBN 3-8055-6397-3

Sagara, H.; Ra, C.; Okada, T.; Shinohara, S.; Fukuda, T.; Okumura, K.; Makino, S.

Sialyl Lewis X Analog Inhibits Eosinophil Accumulation and Late Asthmatic Response in a Guinea-Pig Model of Asthma

32

Saito, H.; Miyamoto, T.

Effect of L-Tryptophan Products on Function of Human Eosinophils: Investigation of the Causal Mechanisms of Eosinophilia Myalgia Syndrome Associated with L-Tryptophan Products

37
Eosinophil Cationic Protein Induces Insulin-Like Growth Factor I Receptor Expression on Bronchial Epithelial Cells
43

Kakazu, T.; Saito, A.; Chihara, J.; Nakajima, S.
Expression of CD23, CD32, Mac-1 and Other Adhesion Molecules in Eosinophils in Strongyloidiasis and HTLV-I-Positive Patients
46

Takahashi, N.; Maeda, R.; Shibuya, T.
Electron Microscopic Observation of Eosinophils Migrated to the Thoracic Cavity of Litomosoides carin-/Infected Mice
51

Expression of High-Affinity IgE Receptor (FceRI) on Human Alveolar Macrophages from Atopic and Non-Atopic Patients
55

Li, J.; Yamada, G.; Sagara, H.; Fukuda, T.; Makino, S.
Comparison of Adhesion Molecule Expression on Light and Normal-Density Eosinophils from Patients with Eosinophilia
59

Enhanced Expression of Platelet-Activating Factor Receptor on Human Eosinophils by Interleukin-3, Interleukin-5 and Granulocyte-Macrophage Colony-Stimulating Factor
63

Higashimoto, I.; Chihara, J.; Kakazu, T.; Kawabata, M.; Nakajima, S.; Osame, M.
Regulation of Eosinophil Cell Death by Adhesion to Fibronectin
66

Author Index
70

Subject Index
70

IV
Contents