

GENDAI-IGAKU

(The Current Medicine)

Vol. 68 No. 1

June 2021

CONTENTS

—SYMPOSIUM—

- 1 Current Status and Issues of COVID-19 Vaccine : H. Kimura et al.

—SPECIAL FEATURES : GENOME MEDICINE—

- 15 Introduction : H. Kurahashi
 17 Current Status of a Nation-Wide Precision Oncology in Japan : I. Imoto
 22 Genetics and Polygenic Risk Score in Common Diseases : K. Ozaki
 28 Gene Therapy for Hereditary Neurodegenerative Diseases : K. Sahashi et al.
 36 Next Generation Sequencing for Rare and Undiagnosed Diseases of Children : S. Saito
 41 Progress and Problems with the Clinical Practice of Prenatal and Preimplantation Genetic Testing : H. Kurahashi

—CLINICAL TOPICS—

- 48 Etiology, Diagnosis, and Surgical Treatment of Thoracic Ossification of Posterior Longitudinal Ligament : K. Ando et al.
 53 Current Status and Future Perspective in Cholangiocarcinoma : T. Ebata
 60 Development of New Treatments for Bilateral Vestibulopathy : S. Iwasaki
 65 Parkinson's Disease and Rehabilitation : Y. Ueki
 69 Challenge to an Intractable Cancer : Photodynamic Therapy for Recurrent Esophageal Cancer : H. Kataoka et al.
 74 New Strategy for the Diagnosis, Treatment, and Management of *Clostridioides (Clostridium) Difficile* Infection : A. Nakamura
 82 Characteristics of Cognitive, Behavioral, and Semantic Memory Deficits in Amyotrophic Lateral Sclerosis and the Basis of Brain Network Involvement : H. Watanabe
 87 Molecular Pathogenesis and Progress in Molecular Targeting Therapeutics in B-cell Lymphoma : A. Tomita
 92 Involvement of Lumbar Spinal Canal Stenosis in Healthy Life Expectancy : N. Fujita
 98 Current Status of Pancreatic Cancer Treatment : Y. Hirooka
 106 COVID-19-associated Kidney Involvement : N. Tsuboi et al.
 111 Mechanisms of Airway Smooth Muscle Contraction and a Role of Bronchodilators in Treatment of Asthma and COPD : S. Ito
 117 The Significance of PSA Screening : N. Sasa

—FROM PATHOLOGY PRACTICE—

- 123 Malignant Sarcomatoid Mesothelioma with Rhabdoid Features : A Case Report with Autopsy : M. Riku et al.

—GRAPHS—

- 129 How to Interpret Chest Image (1) : H. Saka
 133 Diseases that Present with Erythema : T. Mitsuma
 138 How to Read ECG (1) Pitfall and Benefit of Automated Diagnosis, and Prediction of Mortality : E. Watanabe