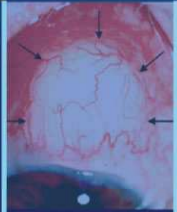


ESSENTIALS IN OPHTHALMOLOGY

G. K. KRIEGLSTEIN · R. N. WEINREB

Series Editors



Glaucoma



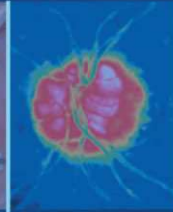
Cataract
and Refractive
Surgery



Uveitis
and
Immunological
Disorders



Vitreo-retinal
Surgery



Medical
Retina



Oculoplastics
and Orbit



Pediatric
Ophthalmology,
Neuro-
ophthalmology,
Genetics



Cornea
and External
Eye Disease

Uveitis and Immunological Disorders

PROGRESS III

Edited by

U. PLEYER

J. V. FORRESTER

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Essentials in Ophthalmology

Uveitis and Immunological Disorders

U. Pleyer J.V. Forrester
Editors

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Cornea and External Eye Disease

Editors Uwe Pleyer
John V. Forrester

Uveitis and Immunological Disorders

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With 30 Figures, Mostly in Colour
and 9 Tables

 Springer

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Foreword

The Essentials in Ophthalmology series represents an unique updating publication on the progress in all subspecialties of ophthalmology.

In a quarterly rhythm, eight issues are published covering clinically relevant achievements in the whole field of ophthalmology. This timely transfer of advancements for the best possible care of our eye patients has proven to be effective. The initial working hypothesis of providing new knowledge immediately following publication in the peer-reviewed journal and not waiting for the textbook appears to be highly workable.

We are now entering the third cycle of the Essentials in Ophthalmology series, having been encour-

aged by readership acceptance of the first two series, each of eight volumes. This is a success that was made possible predominantly by the numerous opinion-leading authors and the outstanding section editors, as well as with the constructive support of the publisher. There are many good reasons to continue and still improve the dissemination of this didactic and clinically relevant information.

G.K. Krieglstein

R.N. Weinreb

Series Editors

Preface

Our knowledge and understanding of immune-mediated diseases has increased exponentially over the past few years, especially in the areas of immunopathogenesis and immunotherapeutics. Uveitis is one of the most common potentially blinding disorders, and one that is often underestimated but is now considered a leading cause of severe eye damage, particularly in younger age groups. Over the past few years, immune-mediated mechanisms—both innate and adaptive—have also been implicated in other disorders, such as diabetic retinopathy and macular degeneration.

This third volume of Uveitis and Immunological Disorders in the Essentials in Ophthalmology series provides the ophthalmologist with practical information on current diagnostic and therapeutic aspects of several ocular disorders from the front to the back of the eye. In addition, there are important discussions of the mechanisms underlying these conditions, which incorporate

the most recent research material available. The scope of the chapters ranges from well-recognized immune disorders such as cornea transplantation, uveitis and diabetic retinopathy, to less well recognized but newly emerging immunologically linked diseases, such as macular degeneration. This book covers, in particular, new aspects of HLA-B27-associated anterior uveitis, keratouveitis, and steroid sensitivity in uveitis patients. Further emphasis is placed on the nature of the intraocular inflammation and systemic disorders such as Behçet's vasculitis and multiple sclerosis.

We are grateful to all of the authors that have contributed to this edition of Uveitis and Immunological Disorders. We are sure that this book will find its audience, and we hope that it will serve in the interest of many patients.

Uwe Pleyer
John V. Forrester

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