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IGF-I and IGF Binding Proteins
Basic Research and Clinical Management

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Martin O. Savage London

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IGF-I and IGF Binding Proteins

Basic Research and Clinical Management

Volume Editors

Stefano Cianfarani Rome

David R. Clemmons Chapel Hill, N.C.

Martin O. Savage London

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Foreword

I am delighted to welcome this volume, covering new and topical areas of the IGF field, to the growing family of *Endocrine Development* publications. As a co-editor, I have carefully supervised the production of this edition. The IGF system pervades the fields of development, linear and cellular growth and metabolism. Consequently, a volume discussing key new developments fits well into the overall aims of the *Endocrine Development* series. Not only is the functional integrity of the IGF system crucial for normal linear growth and metabolism, it is also of fundamental importance for normal fetal development.

This volume covers broad areas of normal IGF and IGF binding protein physiology and genetics. Molecular and developmental defects are discussed, as are the contributions to clinical diagnosis and management of measurement of IGFs and IGFBPs. The therapeutic potential of recombinant human IGFs and IGFBPs in a range of disorders is also covered.

This book provides a welcome addition to other *Endocrine Development* volumes and will hopefully be of interest to scientists and clinicians working in the broad fields of paediatric and adult endocrinology and metabolism.

Martin O. Savage, London

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Preface

This book consists of a compilation of chapters based on presentations at a symposium entitled ‘IGFs and IGFbps: Assessment and Therapeutic Benefit’. The symposium was sponsored by Serono Symposia and held in New Orleans in June 2004. The aim of the meeting was to report new advances in the broad field of IGF physiology and pathophysiology, related to clinical medicine. The meeting was considered to have achieved its objectives and we feel that the present volume presents valuable ‘state-of-the-art’ accounts of the range of topics discussed.

We were fortunate to have a very high quality faculty consisting of basic scientists and endocrinologists. The areas covered are broad, but focus particularly on clinically relevant topics related to growth, paediatric and adult growth hormone deficiency, metabolic disorders, diabetes mellitus and neurology.

We hope that this volume will prove to be helpful for scientists working in IGF and IGF-related fields and to clinicians working in both paediatric and adult endocrinology. The potential therapeutic benefit of IGF and IGFbp therapy in a broad range of disorders is also discussed in this book.

Stefano Cianfarani, Rome

David R. Clemmons, Chapel Hill, N.C.

Martin O. Savage, London

