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Titolo	Androgenetic Alopecia From A to Z : Vol.1 Basic Science, Diagnosis, Etiology, and Related Disorders / / by Konstantinos Anastassakis
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword -- Preface -- Part I. The hair follicle biology and life.-1. Hair through the Ages.-2. The mission of hair follicles and hair.-3. Embryogenesis of the pilosebaceous unit.-4. Morphology and histology of the pilosebaceous unit.-5. The life cycle of the hair follicle.-6. The morphology and structure of the hair shaft.-7. Types of hair follicles in humans.-8. The effects of aging on the hair follicle.-Part II.Diagnosis of Androgenetic Alopecia.-9. Hair growth assessment techniques in AGA/FPHL.-10. Diagnostic Steps in the Evaluation of AGA/FPHL.-Part III.Causes and aetiologic parameters of AGA/FPHL.-11. Hormonal and Genetic etiology of Androgenetic Alopecia.-12. Female pattern hair loss.-13. AGA in children and adolescents.-14. Hair follicle microinflammation in AGA.-15. The role of the sebaceous gland in AGA.-16. The role of scalp vascularization in AGA.-17. The role of

biochemical stress in AGA.-18. The role of solar radiation and AGA. -19. Other hormones related to AGA.-20. The psychological effects of AGA/FPHL.-Part IV. AGA/FPHL and comorbidities.-21. Cardiovascular disease, Insulin Resistance, Metabolic Syndrome, and AGA/FPHL.-22. Prostatic disorders and AGA.

Sommario/riassunto

This reference volume conveys complete understanding and management of Androgenetic Alopecia and Female Pattern Hair Loss (AGA/FPHL). These are probably the most common adult (18-50 yrs.) health disorders besides dental caries, accounting for over 98% of hair loss cases in males and over 70% cases in females. The present volume, the first of three related volumes, is structured in 4 sections: 22 dedicated chapters, ranging from basic science (Biology, Anatomy, Physiology, Embryology), the etiology of adult, childhood & adolescent AGA/FPHL, diagnostic steps and evaluation, to related disorders and comorbidities. For the first time in the scientific literature, all pathogenic contributors of AGA/FPHL, including micro-inflammation, scalp vascularization, biochemical stress, aging, solar radiation, and the sebaceous gland, are examined in comprehensive, dedicated chapters. The effects of every hormone on AGA/FPHL, as well as the psychological impact of the condition, are explored in depth. An extensive chapter on childhood and adolescent AGA/FPHL, a more common than previously thought condition, is another unique feature. Finally, two extremely detailed sections are included on the pathogenic links of AGA/FPHL to life-threatening comorbidities: cardiovascular disease, metabolic syndrome, hypertension, insulin resistance, and prostatic disorders, with suggested guidelines on how to save lives of balding patients by adopting early screening strategies. In providing a fully updated, thorough guide to this popular topic, this richly illustrated volume (over 200 figures, tables, and algorithms) offers the latest, evidence-based information on every aspect of AGA/FPHL causing hair loss to countless patients. Each subject is addressed according to learning and clinical needs, and the presented information is supported by a wealth of peer-reviewed papers. Every aspect of this condition is considered, including biology, diagnosis, etiology, from drug treatment, the influence of nutrition, lifestyle and food supplements, to related disorders, surgical hair restoration, hair care, and future treatment options. This handbook will be an invaluable conveying best management standards to readers, whether experienced practitioners, clinicians, dermatologists, surgeons or researchers interested in hair restoration.

2. Record Nr. UNINA9910254596703321

Autore	Schulze-Makuch Dirk
Titolo	The Cosmic Zoo : Complex Life on Many Worlds / / by Dirk Schulze-Makuch, William Bains
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ISBN	3-319-62045-2
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XII, 232 p. 33 illus., 31 illus. in color.)
Disciplina	520
Soggetti	Astronomy Life sciences Exobiology Evolution (Biology) Earth Geology Popular Science in Astronomy Popular Life Sciences Astrobiology Evolutionary Biology Popular Earth Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- Introduction -- Part I – The Cosmic Zoo Hypothesis -- Part II – Major Transitions in Earth’s Life History -- Part III -- Are there Visitors in the Cosmic Zoo? .
Sommario/riassunto	Are humans a galactic oddity, or will complex life with human abilities develop on planets with environments that remain habitable for long enough? In a clear, jargon-free style, two leading researchers in the burgeoning field of astrobiology critically examine the major evolutionary steps that led us from the distant origins of life to the technologically advanced species we are today. Are the key events that took life from simple cells to astronauts unique occurrences that would be unlikely to occur on other planets? By focusing on what life does -

it's functional abilities - rather than specific biochemistry or anatomy, the authors provide plausible answers to this question. Systematically exploring the various pathways that led to the complex biosphere we experience on planet Earth, they show that most of the steps along that path are likely to occur on any world hosting life, with only two exceptions: One is the origin of life itself – if this is a highly improbable event, then we live in a rather “empty universe”. However, if this isn’t the case, we inevitably live in a universe containing a myriad of planets hosting complex as well as microbial life - a “cosmic zoo”. The other unknown is the rise of technologically advanced beings, as exemplified on Earth by humans. Only one technological species has emerged in the roughly 4 billion years life has existed on Earth, and we don’t know of any other technological species elsewhere. If technological intelligence is a rare, almost unique feature of Earth's history, then there can be no visitors to the cosmic zoo other than ourselves. Schulze-Makuch and Bains take the reader through the history of life on Earth, laying out a consistent and straightforward framework for understanding why we should think that advanced, complex life exists on planets other than Earth. They provide a unique perspective on the question that puzzled the human species for centuries: are we alone? .