Advancements and Challenges in Hair Science in Worldwide: The Scientific Journey Begins at the Brazilian Journal of Hair Health

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1. Introduction

Over the last three decades, Hair Science has witnessed a notable expansion, reflected in a significant increase in scientific publications. Data from PubMed indicates a fivefold growth in alopecia research from 1994 to 2023, showing rising interest in this field. A key focus of this evolution is Frontal Fibrosing Alopecia (FFA), a common condition manifesting as cicatricial alopecia in the frontotemporal area of the scalp. Often associated with hair loss on the eyebrows, armpits, pubis, face, and limbs, FFA exhibits variable progression among patients. Treatments such as 5-alpha-reductase inhibitors, finasteride, dutasteride, and minoxidil have shown some success in stabilizing the condition, though FFA may spontaneously stabilize. Medical literature suggests considering hair transplants for patients with stabilized disease, preferably after at least three years of tests and monitoring [1].

In addition to FFA, other conditions like alopecia areata, central centrifugal cicatricial alopecia, and post-COVID telogen effluvium have been the focus of intense research. The increasing incidence of androgenetic alopecia in individuals under 18 is also a concerning phenomenon that warrants attention. Advances in understanding hair follicle anatomy and physiology, along with the development of innovative diagnostic techniques like scalp biopsy and dermatoscopy (trichoscopy), have revolutionized the diagnosis and treatment of hair diseases. In hair restoration surgery, the Follicular Unit Extraction (FUE) method has replaced the Follicular Unit Transplantation (FUT) due to its benefits of being less invasive, having quicker recovery, and producing more aesthetically natural results [2].

The growing volume of research and the continued interest of academic, clinical, and surgical professionals in hair health highlight the importance and potential of the field, especially in Brazil. Therefore, the establishment of the Brazilian Journal of Hair Health (BJHH) is a timely response to this growing need for a dedicated platform to disseminate scientific knowledge in hair health. BJHH aims to publish a wide range of contributions, from original research and brief communications to reviews, clinical case reports, clinical experiences, perspectives, and commentaries. It intends to cover topics from hair and scalp health to cosmetic science, clinical studies, and hair restoration surgeries, including holistic approaches and technological advancements [3].

In Brazil, the increasing number of professionals specialized in trichology and hair therapy reflects a global trend, and BJHH plays a crucial role in catalyzing this expertise for the global scientific scene. We are open to contributions from around the world but recognize the importance of valuing local experiences. BJHH emerges as a bridge between professional growth in hair health and the need for a forum for the exchange of scientific knowledge. We believe the journal will not only enrich the field of hair science but also contribute to the health
of a growing number of patients affected by hair problems. After all, the ultimate purpose of science is to improve people's lives, a goal that BJHH commits to achieving.

BJHH extends an invitation to all professionals, researchers, and academics from Brazil and around the world dedicated to the study of hair health. I emphasize that BJHH is not just a platform for disseminating innovative research and significant insights in trichology but represents a unique opportunity to contribute to the global advancement of knowledge and practice in hair health. Your participation in BJHH is not just an opportunity to share discoveries and advancements but also a means to collaborate with a growing scientific community dedicated to solving the complex challenges of hair health. By publishing in BJHH, you will be contributing to a rich and diverse scientific dialogue, influencing clinical and surgical practices, and helping to shape the future of hair science.

Therefore, we invite you to join us on this journey. By publishing in BJHH, you will not only be sharing your work with a global audience but also contributing to the improvement of health and well-being of numerous individuals affected by hair conditions. Together, we can make significant advancements in hair science, positively impacting many lives. Understand: BJHH is more than a journal; it is a movement toward a brighter future in hair science. Join us in this vital and exciting mission. Your research will find its rightful place in BJHH, where every discovery is a step forward in the scientific, technical, ethical, and social growth of hair health.

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References

