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Editorial

We are pleased to present this new issue of *Biomedicine & Healthcare Research*, the official scientific journal of the Faculty of Medicine of Sousse. This volume brings together original research articles, a comprehensive review, and a series of instructive case reports, illustrating the journal's commitment to advancing high-quality, clinically relevant, and translational research.

This issue opens with three original research articles addressing important challenges in infectious diseases, critical care, and applied microbiology. Mansour et al. report on the genotyping and antimicrobial susceptibility of carbapenem-resistant *Acinetobacter baumannii*, with particular emphasis on the ISAb1-*bla*OXA-23 association and plasmid analysis, providing valuable insights into resistance mechanisms and their epidemiological implications. Ben Saida et al. present a prospective observational study proposing a predictive rule for 30-day mortality in critically ill patients after ICU discharge, offering a pragmatic tool for post-ICU risk stratification and improved patient management. Dhif et al. contribute an original study on the isolation and characterization of lactic acid bacteria from wheat and fenugreek, demonstrating their antifungal and antibacterial activities and highlighting their potential applications in health-related and biotechnological fields.

The review article by Limam et al. focuses on *Olea europaea* leaves and human health, offering an integrative overview that spans from basic experimental research to clinical applications. This work underscores the growing

interest in plant-derived bioactive compounds and their potential role in preventive and therapeutic strategies.

This volume also includes a diverse collection of case reports and case-based literature reviews that emphasize rare entities and diagnostic challenges across multiple medical specialties. Bacha et al. report a case of cystic lymphangiomyoma of the uterus mimicking an ovarian cyst, as well as a rare prenatal association of complete trisomy 15 with 69,XXX triploidy, both highlighting the importance of careful diagnostic evaluation. El Omri et al. describe a meningioma of the cerebellar peduncle revealed by sudden deafness, illustrating an uncommon presentation of a central nervous system tumor. Mahmoudi et al. contribute two instructive reports: a cardiac synovial sarcoma in children, accompanied by a literature review, and a case of tibial hydatid disease mimicking osteosarcoma, both underscoring the complexity of diagnosing rare and misleading clinical conditions.

We sincerely thank all authors and reviewers for their valuable contributions and their commitment to scientific rigor and quality. This issue reflects our shared objective of advancing evidence-based medicine through meaningful research that is both clinically impactful and regionally grounded.

We hope our readers will find this volume informative and stimulating, and we look forward to their continued readership and future contributions to *Biomedicine & Healthcare Research*.

Executive Editor