

BOOK REVIEW

Translational Research: Recent Progress and Future Directions

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Novelties of thought and technology have always stood at the forefront of healthcare. Similar to innovations like vaccination, penicillin, and immunotherapy have been at the frontier of healthcare advancement, so too will be the utilization of translational science in modern practice. With its unequivocal influence across all domains, this field of study provides the catalyst needed for the next big step in healthcare.

Translational Research: Recent Progress and Future Directions compiles the writings and work of practitioners and researchers alike – all exemplar of practical translational research. Moreover, this project is graced under the supervision and guidance of a great pioneer of translational science, Dr. Francesco Chiappelli, and his astute scholar Ms. Nicole Balenton. Altogether, it encompasses the primary role this realm of science plays in our future, while providing evidence to attest to its revolution.

The book begins by revisiting the fundamental constructs of translational science: research and effectiveness. Translational research outlines the bi-directional translation of research learned from the bench to care provided at the bedside. Translational effectiveness facilitates the transference of the highest quality results to everyday clinical practice as the best evidence-based care. Both of these principles coalesce to produce the most effective therapies tailored specifically to each individual. This crescendo-like, yet circumferential practice is profoundly presented in this book and underpins the critical role of translational healthcare.

Even more fascinating, are the subsequent chapters that follow, which serve as testimonies to the foundational principles of translation and the importance of its practice across a broad spectrum of fields within healthcare. From renowned academic researchers to assiduous healthcare practitioners, this book wonderfully presents their pragmatic approaches in fields of nursing, dentistry, medicine, bioethics, and public health. All of these cases depict the utility, flexibility, and the effectiveness of the string that binds them together, namely, translational research. Most importantly, this well thought-out work also provides a glimpse into an enticing future of greatly improved health and care for all.

A handwritten signature in black ink, appearing to read 'Allen M. Khakshooy', with a stylized flourish at the end.

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