Biomedical Engineering Entrepreneurship

This book is written for undergraduate and graduate students in biomedical engineering wanting to learn how to pursue a career in building up their entrepreneur ventures. Practicing engineers wanting to apply their innovations for healthcare will also find this book useful.

The 21st century is the "Biotech Century" where many nations are investing heavily in biotechnology. As a result, tremendous business opportunities exist for biomedical engineering graduates who are interested in becoming successful entrepreneurs. However, many challenges await these entrepreneurs intending to invent safe and effective devices and drugs to prevent, diagnose, alleviate and cure diseases.

In this publication, many examples of innovations in biomedical engineering are covered, from the conceptualization stage to successful implementation and commercialization. Part I teaches working and would-be biomedical engineers to assess how well their innovations and their team can succeed; Part II will guide budding entrepreneurs to launch their ventures to the point of pre-production models. Other important aspects like financing, negotiations, leading by example, manufacturing, marketing, venture and globalization are covered in Part III. Two concluding chapters, with excerpts from leaders in community, education and industries, touch on the growth and investment in biomedical engineering entrepreneurship.

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