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**Career opportunities for physicists in biomedical research**

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Life science is currently experiencing what physics experienced early last century, it is transforming from a qualitative descriptive science to a quantitative one. The rapid advancements in the past two to three decades were first enabled by numerous technology breakthroughs that enabled scientists to probe into living systems at an unprecedented depth and detail, most of which were developed based physical principles. This is followed by a broad scale incorporation of concepts and theories from physics to study the principles underlying the observations. In this presentation we will discuss the academic and non-academic opportunities in this field for physicists, the grand challenges, as well as the unique contributions that physicists can make.