Robert S. Langer (MIT) Part 2: Drug Delivery Technology: Present and Future

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{youtube}o4moymWepUg{/youtube}

Langer begins Part 2 with the story of how he became interested in drug release technologies, which is also a story of the power of perseverance. As a post-doc with Judah Folkman, and after much trial and error, Langer developed a polymer system that provided a slow and constant release of an anti-angiogenesis factor. Initially, his results were met with skepticism, by both scientists and the patent office. Today, many, many companies have developed peptide delivery systems based on that original work. Langer also describes ongoing research in areas such as targeted drug delivery and externally controlled microchips designed for drug delivery.