

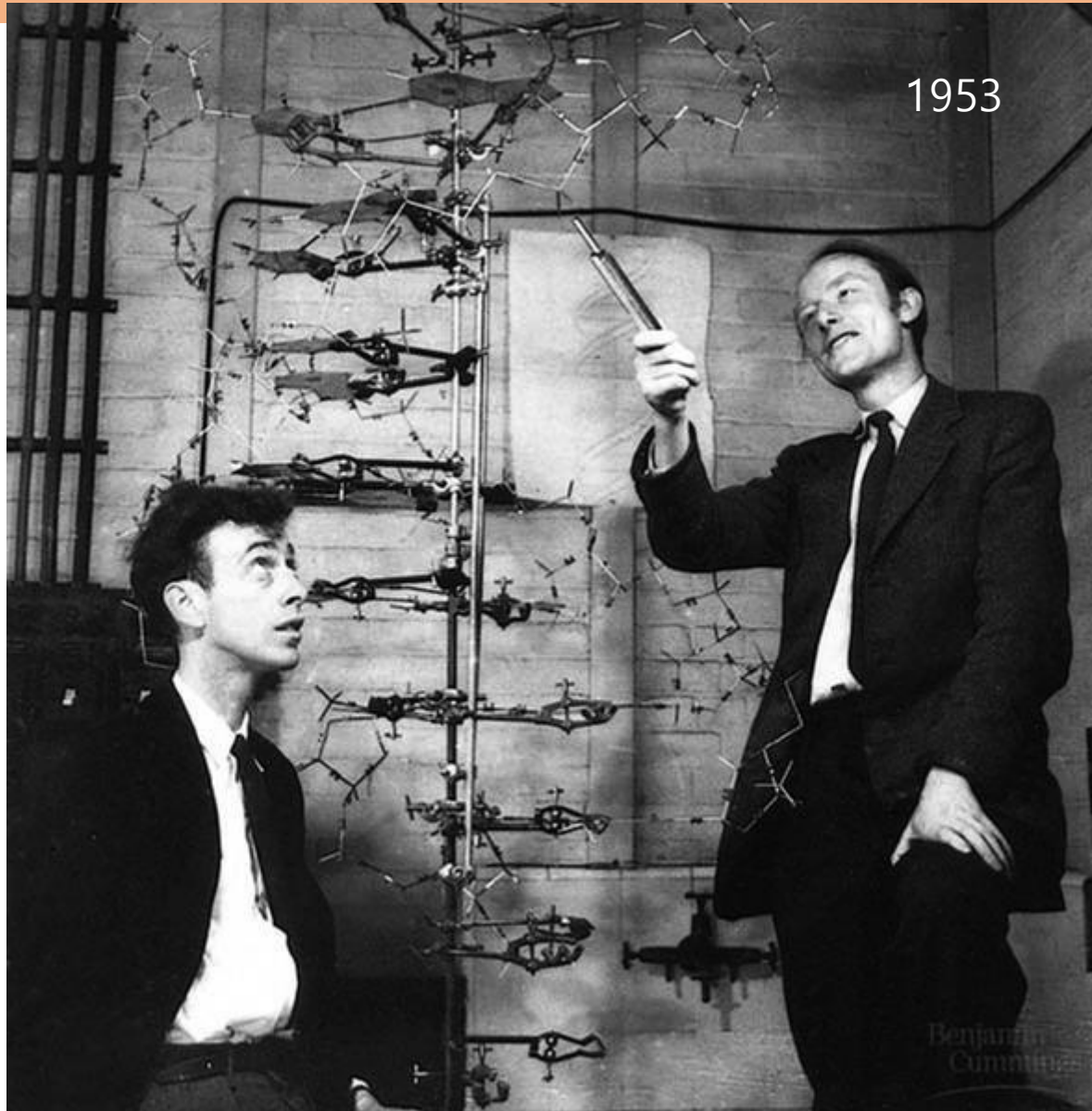
Searching for a way to success

- Value of a long-term cooperation with companion & setting a long-term research goal For pleasant career journey



Finding a
colleague

Binding : James Watson & Francis Crick



1993

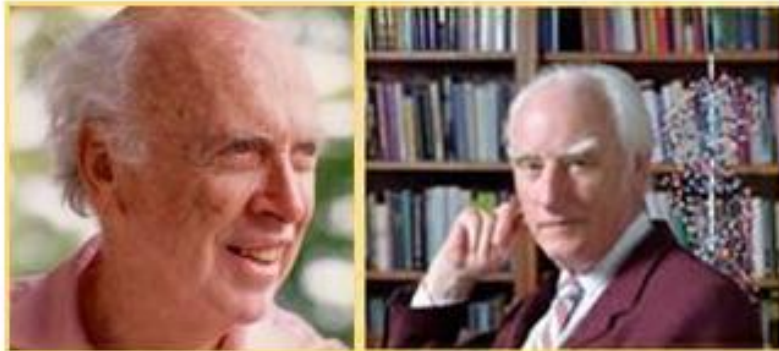


*정혜경, 왓슨&크릭:DNA 이중나선의
두 영웅, 2006*

*James D. Watson, The Double Helix: A
Personal Account of the Discovery of
the Structure of DNA, 2001*



- Contribution to Democracy and Human right



2000

DR. JAMES D. WATSON & DR. FRANCIS
CRICK

"In the 20th century, the extraordinary record of the natural sciences and the technologies that they inspired is one of

the grand achievements of human liberty. Watson and Crick and their work on DNA are symbols of the tremendous impact of science on our lives and welfare and on public policy...(This work) demonstrates the importance of enlightened scientific progress and." [..more](#)

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Joseph Vacanti and Robert Langer, 1993



Robert Langer
(biomaterials)



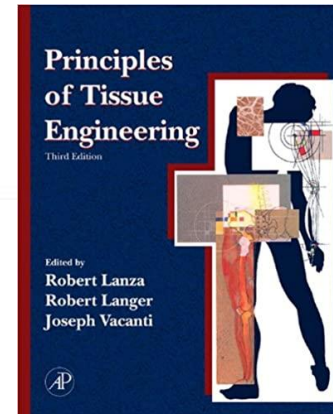
Joseph Vacanti
(surgery)

SCIENCE 14 May 1993: Tissue Engineering

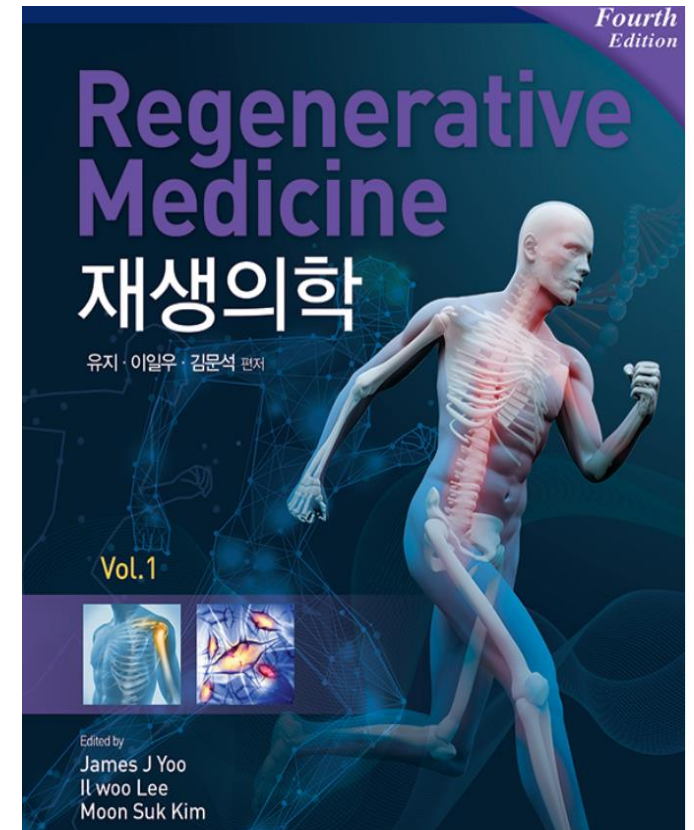
James J. Yoo and Il Woo Lee, 1996



1st ed.1998, 한국



1st Publication
1997, USA



4th Edition, 2018

■ Cooperation vs Competition

- We assume that, in a world ruled by natural selection, selfishness pays.
- **So why cooperate?** In *The Evolution of Cooperation*, Robert Axelrod seeks to answer this question. In 1980, he organized the famed Computer Prisoners Dilemma Tournament, which sought to find the optimal strategy for survival in a particular game. Over and over, the simplest strategy, a cooperative program called **Tit for Tat**, shut out the competition. In other words, cooperation, not unfettered competition, turns out to be our best chance for survival.

In long-term relationships, it is more beneficial to give and receive help than to be selfish.

- Do you agree and do you have a colleague or companion in business? If not, why?

Robert Axelrod & Richard Dawkins, *The Evolution of Cooperation*, 2006

Setting a long-term Research/Career Goals



• **You can't hit without aiming.**

Aim highest

- ✓ Why you should look away
- ✓ What keeps you from planning far
- ✓ Practice writing a long term research proposal
20 + years and beyond
- ✓ Prepare for potential outcomes, problems, and possible solutions

Thank you for
Your interest!



Let's talk!