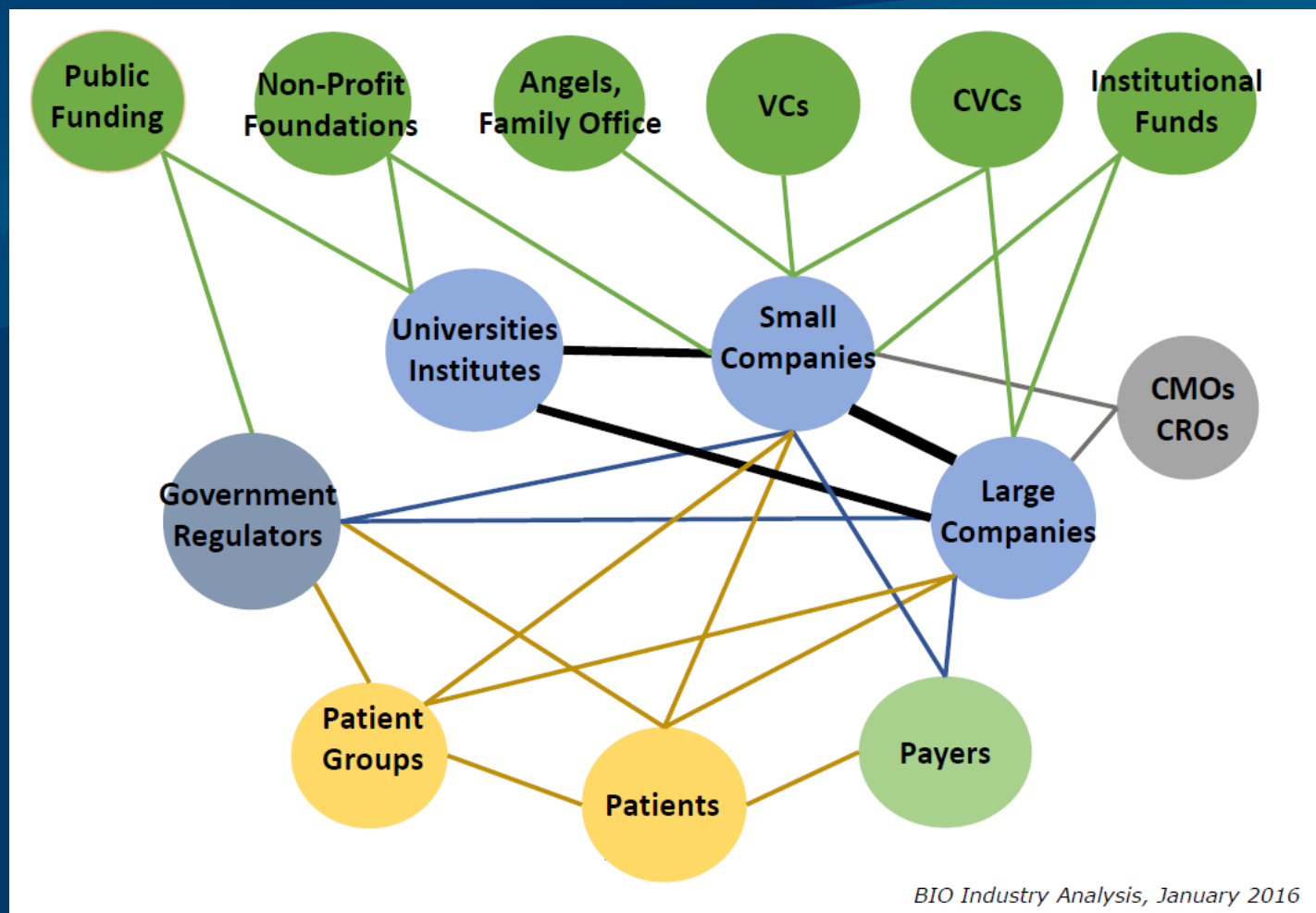


# Preserving Bayh-Dole: the “Inspired” Law that Underpins U.S. Leadership in Life Sciences Innovation

Melissa Brand, BIO

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# BioPharma Ecosystem



# Balanced Partnership Between Publicly Funded Research and Industry Innovation

## Contributions in Four Phases of R&D

Basic	Discovery	CMC	Development
54% Public	58% Private	81% Private	73% Private

Source: Chakravarthy et al., Public- and Private- Sector Contributions to the Research and Development of the Most Transformational Drugs in the Past 25 Years: From Theory to Therapy, Therapeutic Innovation and Regulatory Science (2016).

# The Long and Risky Road to FDA Approval



Source: BIO Industry Analysis, 2016, Tufts 2014