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### **Information, Physics, and Cancer**

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Many researchers have doubts that a "theory of cancer" can exist, given the fact that there are so many different cancer phenotypes. However, such a situation—many significantly different manifestations of an underlying law—is not at all uncommon in physics. I argue that a unified cause for all forms of cancer is possible, but that such a theory must be cast in terms of information and communication theory. I briefly revisit key concepts of that theory, then discuss possible applications to communication in game theory that could lead us to view cancer as a disease that, at its root, is a cellular failure to properly communicate.