

## Newly released, and selling fast! “Cancer screening is what nematodes do” Presenting the whole picture on primary cancer screening for early detection

Propose a new way of screening for cancer by making use of the amazing abilities of organisms

The president & CEO of Hirotsu Bio Science (Head Office, Minato-ku, Tokyo) and a biologist, Takaaki Hirotsu, has published his first book. Hirotsu Bio Science is a company that has developed N-NOSE® nematode cancer screening, which gauges cancer risk simply and accurately, as well as inexpensively.



In this book, he looks at the current state of cancer screening in Japan, discusses how he came to invent a test that could determine whether urine came from a cancer patient or not using nematodes, lays out the essence of this research, and also talks about how an academic who had devoted many years to research suddenly resolved to become a businessman.

The ability of nematodes—tiny worms barely a millimeter long—has been the focus of interest of many others to date, which led to this book being written. The author has tried to spread awareness in unconventional ways, such as by blending medicine and entertainment, and the book takes a close look at the source of his inspiration. This book is highly recommended not just for those with an interest in new cancer screening techniques, but anyone who wants to make a major breakthrough in research or business. Pick up your copy today.

### **【Book Contents】**

In March 2015, a paper entitled “A Highly Accurate Inclusive Cancer Screening Test Using *Caenorhabditis elegans* Scent Detection” was published in an American journal. This paper was reported on widely by the media. The author, a researcher, later left academia to found his own business, carrying out ongoing research for commercialization, and working for recognition of the technology among the medical community. How will cancer treatment change if we can detect it at Stage 0 using a single drop of urine? Why nematodes? What are the possibilities with biological diagnosis over testing using in vitro diagnostics? The author, a researcher and businessman who has been featured in a range of media, tells his story and how he came up with the idea of researching something no one had ever looked at before, and offers advice for young people aiming to go into research. He also discusses how screening will change dramatically with the commercialization of N-NOSE and the future prospects for cancer treatment.