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Macrina's Scientific Integrity is a sterling example of what is wrong with modern scientific writing both in content and context. The chapters are exceedingly wordy, poorly laid out and often lacking in logical structure, making the text read as though Macrina needed to meet a page limit for the book.

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Scientific Integrity: 4th Edition. Francis L. Macrina. ASM Press. 1752 N Street NW, Washington, DC 20036. [www.asmscience.org](http://www.asmscience.org). 9781555816612, \$65.00, [www.amazon.com](http://www.amazon.com). Synopsis: "Scientific Integrity: Text and Cases in Responsible Conduct of Research" provides the essential content and skill-building tools for teaching the responsible conduct of scientific research.

### **Scientific Integrity: 4th Edition. - Free Online Library**

edited by Francis L. Macrina, 3rd ed, 402 pp, paper, \$49.95, ISBN 1-55581-318-6, Washington, DC, ASM Press, 2005. As readers of JAMA are no doubt aware, following a series of allegations from coworkers, a Seoul National University panel investigation found that Dr Hwang Woo Suk's claim that he had successfully obtained stem cells from cloned human embryos was based on fabricated data.

### **Scientific Integrity | JAMA | JAMA Network**

Francis L. Macrina is the elected fellow of the American Academy of Microbiology and will speak at the University Dec. 1. For years scientific and ethically conducted research has had an immense impact on the world around us. Francis L. Macrina, the elected fellow of the American Academy of Microbiology, is partnering up with the University of Nevada, Reno's Research and Innovation division to discuss the importance of research conduct.

### **Leader in scientific research, Francis L. Macrina, comes ...**

Responsibility Francis L. Macrina. Edition 3rd ed. Imprint Washington, D.C. : ASM Press, c2005. Physical description xxv, 402 p. : ill. ; 26 cm.

### **Scientific integrity : text and cases in responsible ...**

Scientific Integrity: Text and Cases in Responsible Conduct of Research. by. Francis L. Macrina. 4.19 · Rating details · 26 ratings · 2 reviews. A must-read on the ethics of conducting research. Comprehensive coverage of the key issues of research integrity and up-to-date guidelines, policies, standards, and codes.

### **Scientific Integrity: Text and Cases in Responsible ...**

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## **Scientific Integrity 4th Edition | RedShelf**

By (author) Francis L. Macrina. Share. Allegations of fraud, conflict of interest, and other ethical dilemmas have troubled the scientific community. With increasing frequency, graduate programs in the biomedical sciences are offering formalized training in the principles of responsible scientific conduct. Scientific Integrity, Fourth Edition covers essential topics related to the conduct of scientific investigation, such as guidelines, policies, standards, and codes and contains highly ...

## **Scientific Integrity : Francis L. Macrina : 9781555816612**

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## **Scientific Integrity: Text and Cases in Responsible ...**

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## **the-eye.eu**

Francis L. Macrina, Ph.D. is Vice President of Research at Virginia Commonwealth University 's Office of Research. VCU has a close relationship with cigarette maker Philip Morris.

This widely adopted textbook provides the essential content and skill-building tools for teaching the responsible conduct of scientific research. Scientific Integrity covers the breadth of concerns faced by scientists: protection of animal and human experimental subjects, scientific publication, intellectual property, conflict of interest, collaboration, record keeping, mentoring, and the social and ethical responsibilities of scientists. Learning activities and resources designed to elucidate the principles of Scientific Integrity include Dozens of highly relevant, interactive case studies for discussion in class or online Numerous print and online resources covering the newest research guidelines, regulations, mandates and policies Discussion questions, role-playing exercises, and survey tools to

promote critical thought Documents including published rules of conduct, sample experimentation protocols, and patent applications The new edition of Scientific Integrity responds to significant recent changes—new mandates, policies, laws, and other developments—in the field of responsible conduct of research. Dr. Macrina plants the seeds of awareness of existing, changing, and emerging standards in scientific conduct and provides the tools to promote critical thinking in the use of that information. Scientific Integrity is the original turnkey text to guide the next generations of scientists as well as practicing researchers in the essential skills and approaches for the responsible conduct of science.

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The Oxford Textbook of Clinical Research Ethics is the first comprehensive and systematic reference on clinical research ethics. Under the editorship of experts from the U.S. National Institutes of Health of

the United States, the book's 73 chapters offer a wide-ranging and systematic examination of all aspects of research with human beings. Considering the historical triumphs of research as well as its tragedies, the textbook provides a framework for analyzing the ethical aspects of research studies with human beings. Through both conceptual analysis and systematic reviews of empirical data, the contributors examine issues ranging from scientific validity, fair subject selection, risk benefit ratio, independent review, and informed consent to focused consideration of international research ethics, conflicts of interests, and other aspects of responsible conduct of research. The editors of The Oxford Textbook of Clinical Research Ethics offer a work that critically assesses and advances scholarship in the field of human subjects research. Comprehensive in scope and depth, this book will be a crucial resource for researchers in the medical sciences, as well as teachers and students.

Recent scandals and controversies, such as data fabrication in federally funded science, data manipulation and distortion in private industry, and human embryonic stem cell research, illustrate the importance of ethics in science. Responsible Conduct of Research, now in a completely updated second edition, provides an introduction to the social, ethical, and legal issues facing scientists today.

The first edition of this best selling title has been adopted at numerous institutions as a text for teaching responsible research conduct. Significantly revised and refined based on the experience gained from its use in the classroom, Scientific Integrity, 2nd edition once again is the definitive single source for teaching this important topic.

Essays by leading ethicists provide students with a comprehensive introduction to ethical thinking.

The second edition of this innovative work again provides a unique perspective on the clinical discovery process by providing input from experts within the NIH on the principles and practice of clinical research. Molecular medicine, genomics, and proteomics have opened vast opportunities for translation of basic science observations to the bedside through clinical research. As an introductory reference it gives clinical investigators in all fields an awareness of the tools required to ensure research protocols are well designed and comply with the rigorous regulatory requirements necessary to maximize the safety of research subjects. Complete with sections on the history of clinical research and ethics, copious figures and charts, and sample documents it serves as an excellent companion text for any course on clinical research and as a must-have reference for seasoned researchers. \*Incorporates new chapters on Managing Conflicts of Interest in Human Subjects Research, Clinical Research from the Patient's Perspective, The Clinical Researcher and the Media, Data Management in Clinical Research, Evaluation of

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\*Addresses the vast opportunities for translation of basic science observations to the bedside through  
clinical research \*Delves into data management and addresses how to collect data and use it for  
discovery \*Contains valuable, up-to-date information on how to obtain funding from the federal  
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