Science Translational Medicine

- Authoritative commentaries
- Cutting-edge original research
- Weekly online issues
- Monthly print compilation

- Unique scope and mission
**Science Translational Medicine**

- **NEJM/Lancet/JAMA**
  - Important patient-based trials that inform clinical practice

- **SCIENCE/NATURE**
  - Novel basic discoveries that change fundamental understanding

- **SCIENCE TRANSLATIONAL MEDICINE**
  - Results that mark genuine progress toward improvements in clinical practice in all areas of medicine
Science Translational Medicine

- The same high-quality editorial standards as Science
- Innovative peer-reviewed original research
- Commentaries from key experts in translational medicine
- Perspectives of current progress in topical areas.
- Editor’s Choice: A connection to the community of translational scientists in training. Our Associate Advisors survey the literature in their fields and write up summaries of the most important findings.
- New in 2011! State-of-the-art Reviews – Overviews of diseases to identify bottlenecks that prevent progress to clinical advances
- New in 2011! Podcasts twice a month – Our editors interview authors and other experts on the research results presented in the journal
Micro-NMR for Rapid Molecular Analysis of Human Tumor Samples

Jered B. Haun, Cesar M. Castro, Rui Wang, Vanessa M. Peterson, Brett S. Marinelli, Hakho Lee and Ralph Weissleder
The μNMR clinical analysis system

Research Article
Drug Efficacy

The Effect of Treatment Expectation on Drug Efficacy: Imaging the Analgesic Benefit of the Opioid Remifentanil

Ulrike Bingel, Vishvarani Wanigasekera, Katja Wiech, Roisin Ni Mhuircheartaigh, Michael C. Lee, Markus Ploner, and Irene Tracey
Brain correlates of the intrinsic effect of opioid analgesia.
Science Translational Medicine

Research Article
Diabetes

Human CD3 Transgenic Mice: Preclinical Testing of Antibodies Promoting Immune Tolerance

Chantal Kuhn, Sylvaine You, Fabrice Valette, Geoff Hale, Peter van Endert, Jean-François Bach, Herman Waldmann, and Lucienne Chatenoud
Human pancreas

Islet of Langerhans

Beta cell

Blood vessel

Insulin

Glucose

Muscle fiber
A major goal of the journal is to publish papers that identify and fill scientific knowledge gaps at the junction of basic research and human applications.