
Editors' Note

The *Harvard Science Review* is proud to present the “Decade in Review” issue, highlighting some of the biggest scientific discoveries and technological innovations of the past ten years. Many of the ideas birthed in this period have not only revolutionized entire scientific fields, but have also changed the dynamics of everyday life.

Once thought to be a biological fantasy, the sequencing of the human genome has now reached its ten year anniversary. We provide a detailed look into the “Human Genome Project” – the computational tools that made it possible, and its contributions towards a future of personalized medicine. Advances in material engineering have also allowed for the development of “metamaterials,” and we discuss how these polymers are improving everyday objects such as antennas, while also allowing Harry Potter-esque invisibility cloaks to soon become a reality. Finally, we include a special feature section on a

specific scientific breakthrough with vast implications for medical treatment: the generation of induced pluripotent stem cells (iPSCs) from adult somatic cells. The section covers the latest developments regarding iPSCs’ promising potential for clinical drug testing, organ synthesis, and disease modeling.

As we briefly review the diverse scientific advances of the past decade, we hope that our readers will follow us in reliving the excitement of each new invention and discovery, while reflecting upon the changes that these innovations have had and will continue to have on our lives.

The *Harvard Science Review* would also like to thank and congratulate its talented staff of writers and associate editors for their commitment and effort in publishing three issues this year – an unprecedented feat.

We hope that you enjoy this commemorative issue; thank you for reading the *Harvard Science Review*! ■

Alexia Hwang, Fernando Racimo, and Sana Raouf

Editors in Chief



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