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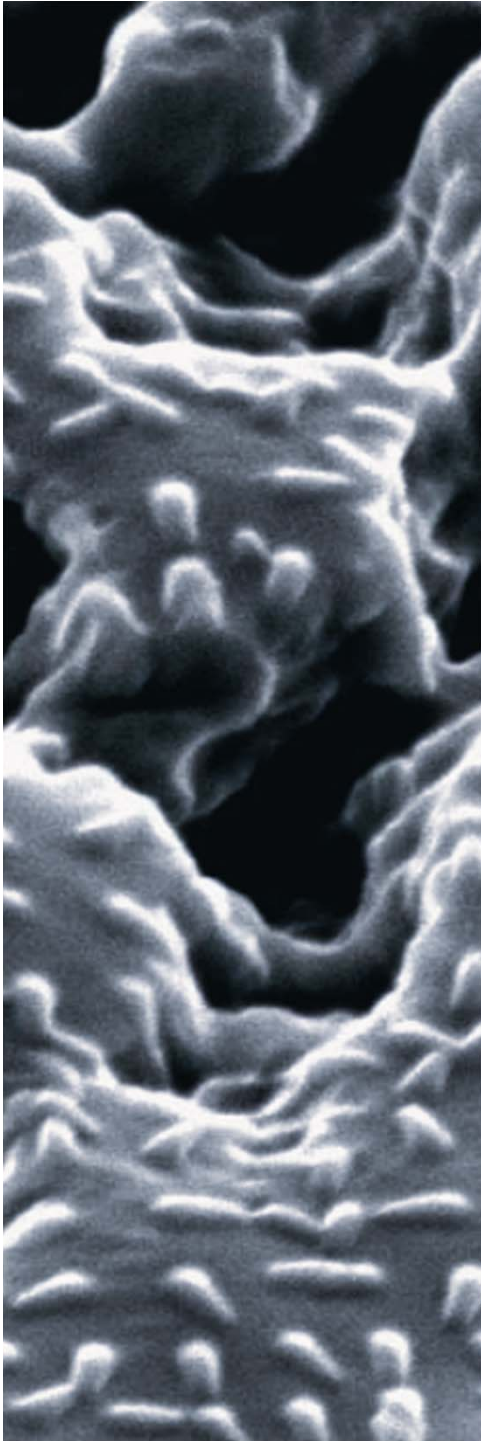




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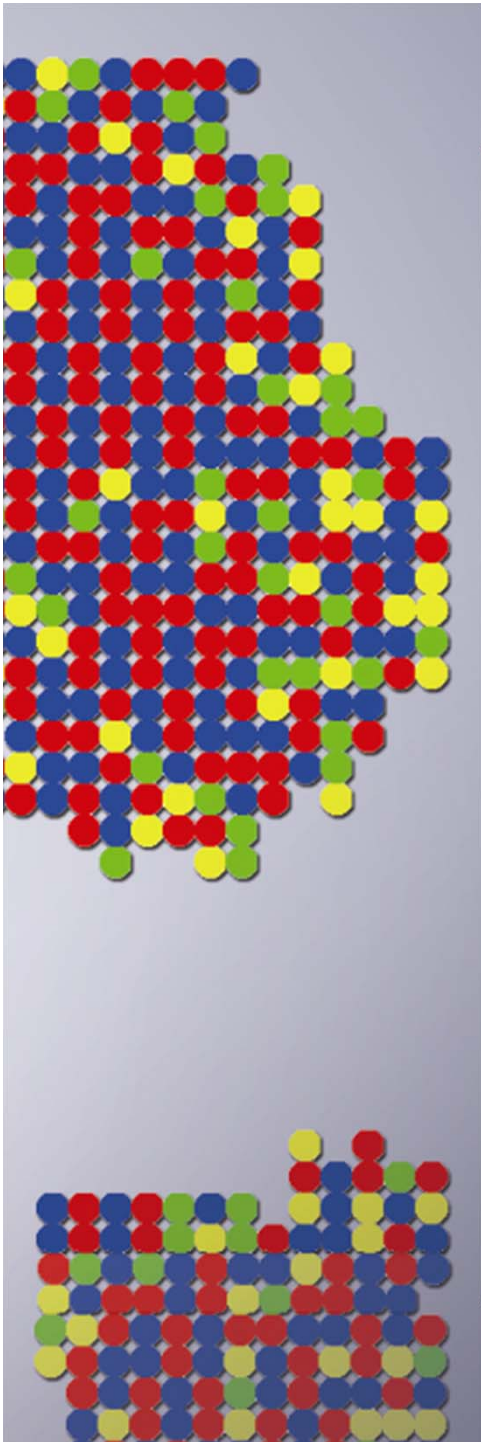




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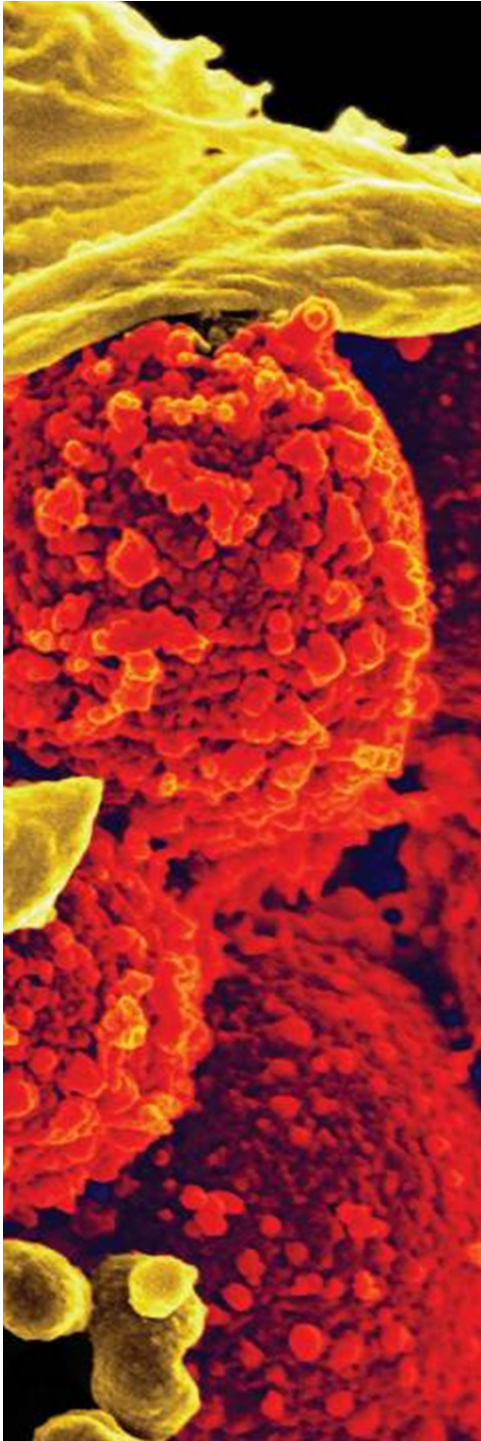




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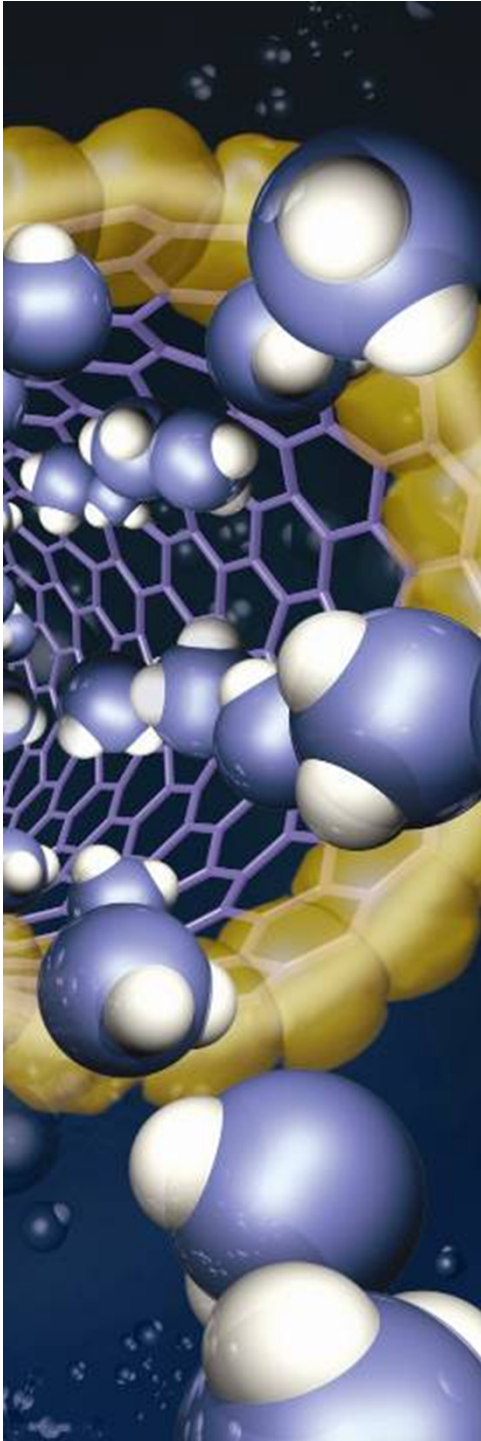




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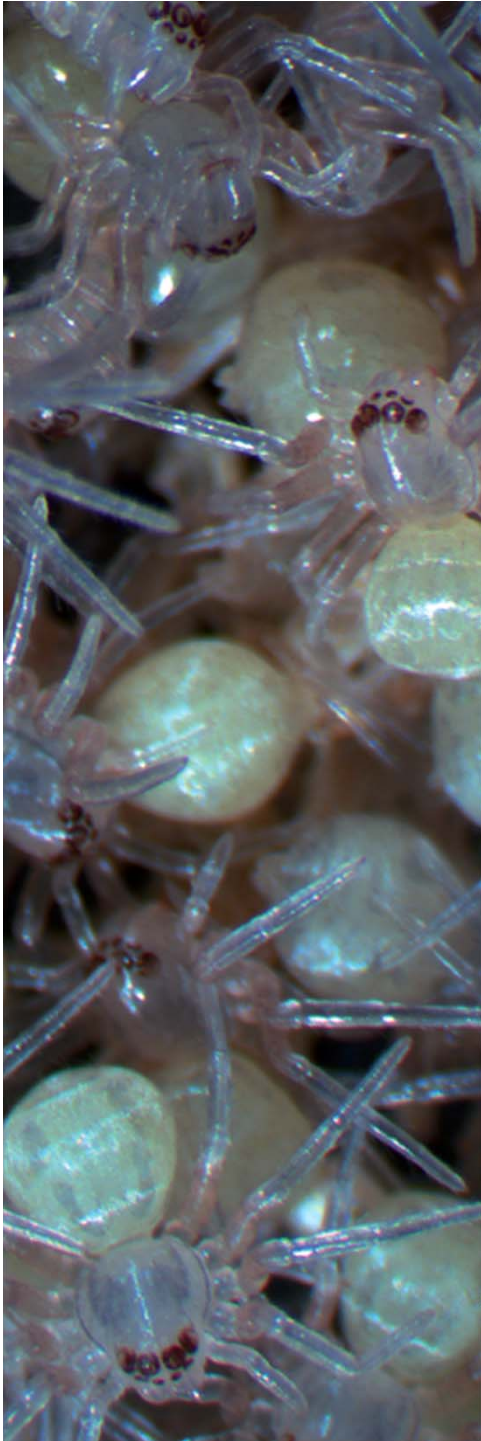




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- ❖ [Special Features](#)
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[Early Edition](#) | March 11, 2011  
[This Week in Early Edition >>](#)

[Current Issue](#) | March 8, 2011  
[In This Issue >>](#)

[Genetic variation in diatoms](#)  
[Unifying viral fusion mechanisms](#)  
[Maternal-fetal immune crosstalk](#)  
[Wounding and tumorigenesis](#)  
[Combinatorial labeling for microbes](#)

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[50 Most-Read Articles >>](#)

[Cozzarelli Prize >>](#)

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多的50  
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内容目录  
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March 8, 2011  
Vol. 108, Num. 10

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Vol. 108, Num. 9



February 22, 2011  
Vol. 108, Num. 8



February 15, 2011  
Vol. 108, Num. 7

### Full Text and Abstracts: January 1915 - Present

2010s	<a href="#">2010</a>	<a href="#">2011</a>	-	-	-	-	-	-	-	-
2000s	<a href="#">2000</a>	<a href="#">2001</a>	<a href="#">2002</a>	<a href="#">2003</a>	<a href="#">2004</a>	<a href="#">2005</a>	<a href="#">2006</a>	<a href="#">2007</a>	<a href="#">2008</a>	<a href="#">2009</a>
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1980s	<a href="#">1980</a>	<a href="#">1981</a>	<a href="#">1982</a>	<a href="#">1983</a>	<a href="#">1984</a>	<a href="#">1985</a>	<a href="#">1986</a>	<a href="#">1987</a>	<a href="#">1988</a>	<a href="#">1989</a>
1970s	<a href="#">1970</a>	<a href="#">1971</a>	<a href="#">1972</a>	<a href="#">1973</a>	<a href="#">1974</a>	<a href="#">1975</a>	<a href="#">1976</a>	<a href="#">1977</a>	<a href="#">1978</a>	<a href="#">1979</a>
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1950s	<a href="#">1950</a>	<a href="#">1951</a>	<a href="#">1952</a>	<a href="#">1953</a>	<a href="#">1954</a>	<a href="#">1955</a>	<a href="#">1956</a>	<a href="#">1957</a>	<a href="#">1958</a>	<a href="#">1959</a>
1940s	<a href="#">1940</a>	<a href="#">1941</a>	<a href="#">1942</a>	<a href="#">1943</a>	<a href="#">1944</a>	<a href="#">1945</a>	<a href="#">1946</a>	<a href="#">1947</a>	<a href="#">1948</a>	<a href="#">1949</a>
1930s	<a href="#">1930</a>	<a href="#">1931</a>	<a href="#">1932</a>	<a href="#">1933</a>	<a href="#">1934</a>	<a href="#">1935</a>	<a href="#">1936</a>	<a href="#">1937</a>	<a href="#">1938</a>	<a href="#">1939</a>
1920s	<a href="#">1920</a>	<a href="#">1921</a>	<a href="#">1922</a>	<a href="#">1923</a>	<a href="#">1924</a>	<a href="#">1925</a>	<a href="#">1926</a>	<a href="#">1927</a>	<a href="#">1928</a>	<a href="#">1929</a>
1910s	-	-	-	-	-	<a href="#">1915</a>	<a href="#">1916</a>	<a href="#">1917</a>	<a href="#">1918</a>	<a href="#">1919</a>

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- [Letters](#)
- [Inaugural Articles](#)
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Genetic variation in diatoms

## Table of Contents

March 8, 2011; 108 (10)

[» Index By Author](#) [» Cover Photo](#) [» Masthead \(PDF\)](#)  
[» TOC \(PDF\)](#)

### FROM THE COVER

Genetic variation in diatoms  
Unifying viral fusion mechanisms  
Maternal-fetal immune crosstalk  
Wounding and tumorigenesis  
Combinatorial labeling for microbes

[Previous Issue](#) [Next Issue](#)

---

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[» Extract](#) [» Full Text](#) [» Full Text \(PDF\)](#) [» Figures Only](#)

---

**Letters (Online Only)**

Sebastian Seth, Inga Ravens, Chun-Wei Lee, Silke Glage, Andre Bleich, Reinhold Förster, Günter Bernhardt, and Christian Koenecke  
**Absence of CD155 aggravates acute graft-versus-host disease**  
PNAS 2011 108 (10) E32–E33; doi:10.1073/pnas.1017969108  
[» Extract](#) [» Full Text](#) [» Full Text \(PDF\)](#) [» Figures Only](#)

Tsukasa Nabekura, Kazuko Shibuya, and Akira Shibuya  
**Reply to Seth et al.: DNAX accessory molecule-1 (DNAM-1) plays an important role in alloreactive CD8<sup>+</sup> T cells responsible for the exacerbation of acute graft-versus-host disease**  
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---

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This Week in PNAS  
Letters (Online Only)  
Commentaries  
QnAs  
Physical Sciences  
Applied Physical Sciences  
Chemistry  
Environmental Sciences  
Geology  
Social Sciences  
Anthropology  
Psychological and Cognitive Sciences  
Biological Sciences  
Agricultural Sciences  
Anthropology  
Applied Biological Sciences  
Biochemistry  
Biophysics and Computational Biology  
Cell Biology  
Developmental Biology  
Ecology  
Environmental Sciences  
Evolution  
Genetics  
Immunology  
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Plant Biology  
Population Biology  
Systems Biology  
Corrections

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### This Week's Issue

March 8, 2011, 108 (10)



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- Genetic variation in diatoms
- Unifying viral fusion mechanisms
- Maternal-fetal immune crosstalk
- Wounding and tumorigenesis
- Combinatorial labeling for microbes

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## Table of Contents

March 8, 2011, 108 (10)

[Index By Author](#) [Cover Photo](#) [Masthead \(PDF\)](#)  
[TOC \(PDF\)](#)

### FROM THE COVER

Genetic variation in diatoms  
Unifying viral fusion mechanisms  
Maternal-fetal immune crosstalk  
Wounding and tumorigenesis  
Combinatorial labeling for microbes

[Previous Issue](#) [Next Issue](#)

### This Week in PNAS

#### In This Issue

PNAS 2011 108 (10) 3823-3824; doi:10.1073/lti1011108  
[Extract](#) [Full Text](#) [Full Text \(PDF\)](#) [Figures Only](#)

#### Letters (Online Only)

Sebastian Seth, Inga Ravens, Chun-Wei Lee, Silke Glage, Andre Bleich, Reinhold Förster, Günter Bernhardt, and Christian Koenecke  
**Absence of CD155 aggravates acute graft-versus-host disease**  
PNAS 2011 108 (10) E32-E33; doi:10.1073/pnas.1017969108  
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PNAS 2011 108 (10) E34; published ahead of print February 14, 2011, doi:10.1073/pnas.1018806108  
[Extract](#) [Full Text](#) [Full Text \(PDF\)](#)

Christian Wehrhahn  
**Psychophysical and physiological evidence contradicts a model of dynamic image stabilization**  
PNAS 2011 108 (10) E35; published ahead of print February 17, 2011, doi:10.1073/pnas.1019614108  
[Extract](#) [Full Text](#) [Full Text \(PDF\)](#)

Yoram Burak, Uri Rokni, Markus Meister, and Haim Sompolinsky  
**Reply to Wehrhahn: Experimental requirements for testing the role of peripheral cues in dynamic image stabilization**  
PNAS 2011 108 (10) E36; published ahead of print February 17, 2011, doi:10.1073/pnas.1100198108  
[Extract](#) [Full Text](#) [Full Text \(PDF\)](#)

#### Commentaries

Thomas L. Griffiths  
**Rethinking language: How probabilities shape the words we use**  
PNAS 2011 108 (10) 3825-3826; doi:10.1073/pnas.1100760108  
[Extract](#) [Full Text](#) [Full Text \(PDF\)](#)

*See companion article on page 3526 in issue 9 of volume 108*

Peter M. Kasson and Vijay S. Pande  
**A bundling of viral fusion mechanisms**  
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*See companion article on page 3958 in issue 10 of volume 108*

### This Issue

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March 8, 2011, 108 (10)

#### From the Cover

- Genetic variation in diatoms
- Unifying viral fusion mechanisms
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- Wounding and tumorigenesis
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This Week in PNAS  
Letters (Online Only)  
Commentaries  
QnAs  
Physical Sciences  
Applied Physical Sciences  
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Environmental Sciences  
Geology  
Social Sciences  
Anthropology  
Psychological and Cognitive Sciences  
Biological Sciences  
Agricultural Sciences  
Anthropology  
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Biochemistry  
Biophysics and Computational Biology  
Cell Biology  
Developmental Biology  
Ecology  
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March 8, 2011, 108 (10)

**From the Cover**

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- Maternal-fetal immune crosstalk
- Wounding and tumorigenesis
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**Table of Contents**  
March 8, 2011, 108 (10)

Index By Author | Cover Photo | Masthead (PDF) | TOC (PDF)

**FROM THE COVER**

Genetic variation in diatoms  
Unifying viral fusion mechanisms  
Maternal-fetal immune crosstalk  
Wounding and tumorigenesis  
Combinatorial labeling for microbes

Previous Issue | Next Issue

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Extract | Full Text | Full Text (PDF)

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Extract | Full Text | Full Text (PDF)

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Extract | Full Text | Full Text (PDF)

See companion article on page 3526 in issue 9 of volume 108

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See companion article on page 3958 in issue 10 of volume 108

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## Reply to Seth et al.: DNAX accessory molecule-1 (DNAM-1) plays an important role in alloreactive CD8<sup>+</sup> T cells responsible for the exacerbation of acute graft-versus-host disease

Tsukasa Nabekura<sup>a</sup>, Kazuko Shibuya<sup>a,1</sup>, and Akira Shibuya<sup>a,b,1</sup>

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We appreciate the comments of Seth et al. ( 1), because they provide an important finding that is supplementary to our paper ( 2). They show that recipient mice deficient in CD155 ( *Cd155*<sup>-/-</sup> mice), a ligand for DNAM-1 (DNAX accessory molecule-1, CD226), exhibited shorter rather than longer survival than WT mice after bone marrow transplantation (BMT) with full MHC disparity. They also show that donor CD4<sup>+</sup>, but not CD8<sup>+</sup>, T cells were responsible for the poor survival of the recipient *Cd155*<sup>-/-</sup> mice, suggesting that the interaction of CD155 on recipient organs with the receptor ligand on donor CD4<sup>+</sup> T cells protects recipient mice from lethal disease after BMT. ...

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« Previous | Next Article »  
Table of Contents

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« Previous | Next Article »  
Table of Contents

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