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# Model Organisms



giphy.com



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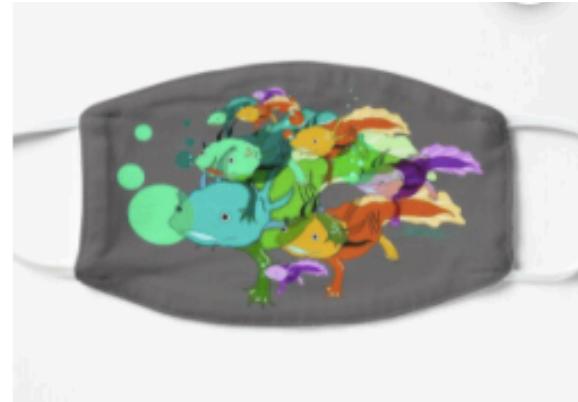
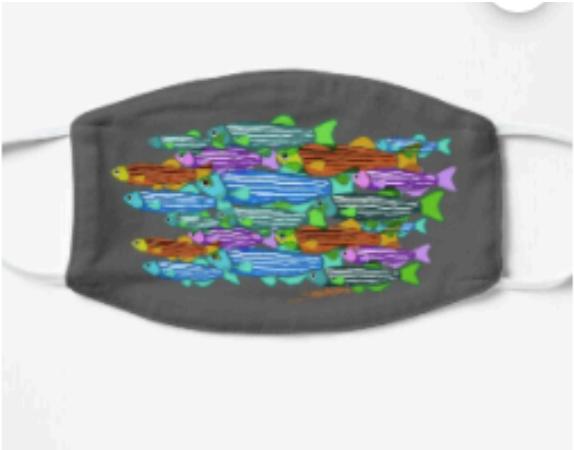




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# Model organisms



[priyankaoberoi.redbubble.com](https://priyankaoberoi.redbubble.com)



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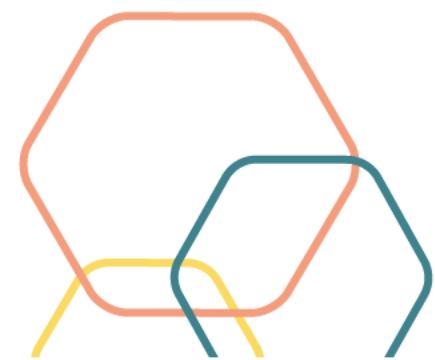


# Why study animals



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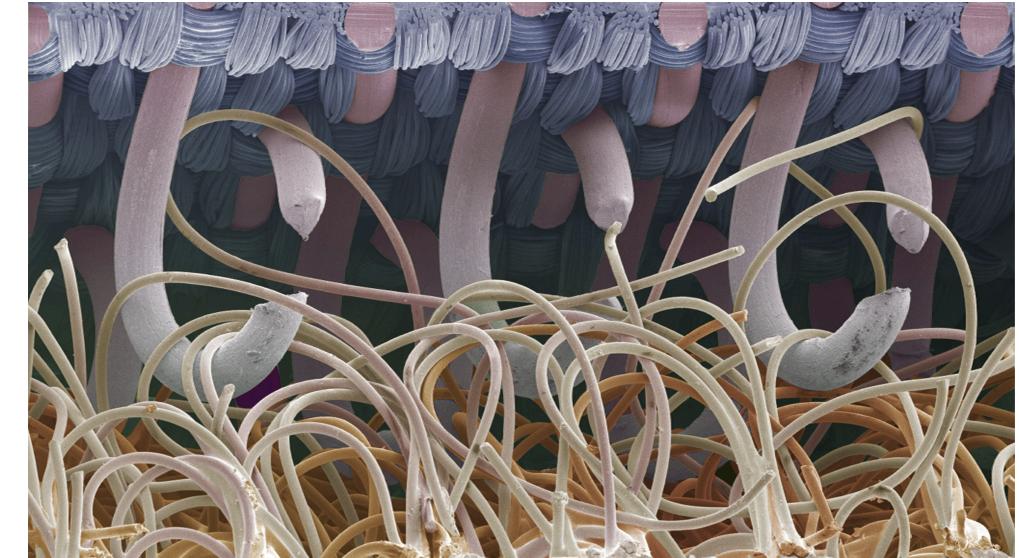
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# Biomimicry

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<https://www.thoughtco.com/the-invention-of-velcro-4066111>

<https://medium.com/@shortformernie/velcro-history-hook-loop-a24a0ec42343>



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# Biomimicry



Kingfisher birds deep dive in water



Redesigned front of Bullet train

<https://www.metrorailgeek.com/2019/04/what-japanese-shinkansen-learnt-from.html>



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# Why study animals

1. Learn (engineering) solutions to real-life problems



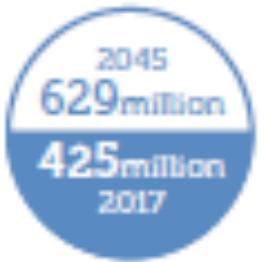
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# Diabetes



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NATIONAL  
GEOGRAPHIC

## Blind Cave Fish May Hold Secret to Treating Diabetes

These eyeless fish have insatiable appetites and high blood sugar. Scientists are trying to figure out how they're in such good health.

2 MINUTE READ



BY SARAH GIBBENS

PUBLISHED MARCH 22, 2018



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<https://www.nationalgeographic.com/news/2018/03/mexican-blind-eyeless-cavefish-diabetes-insulin-spd/>  
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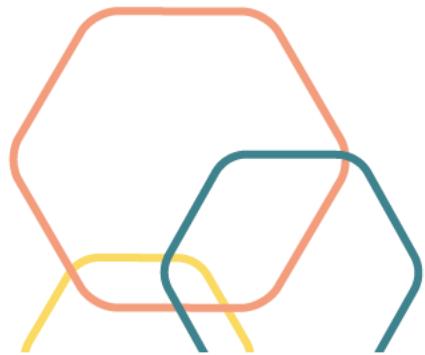
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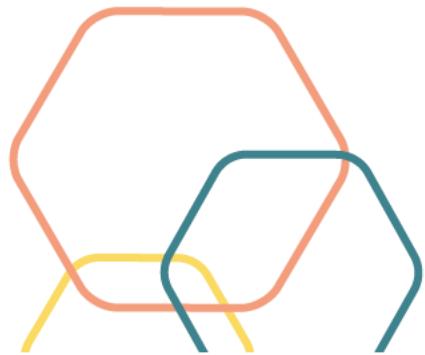
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# Model of humans

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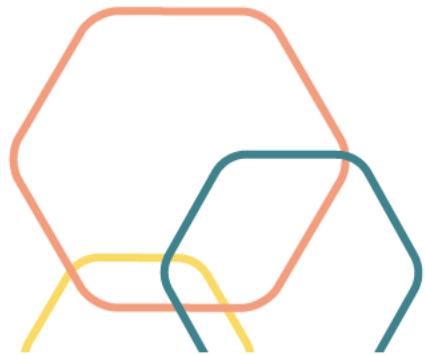
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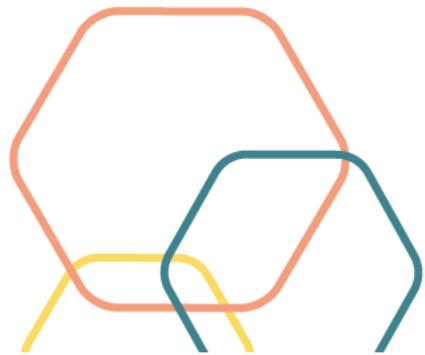
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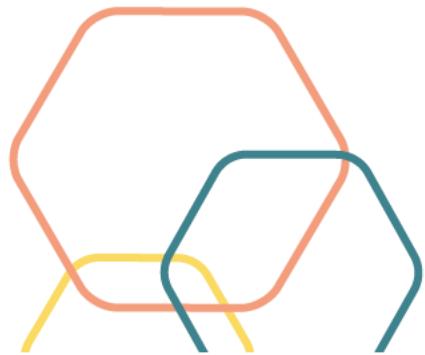
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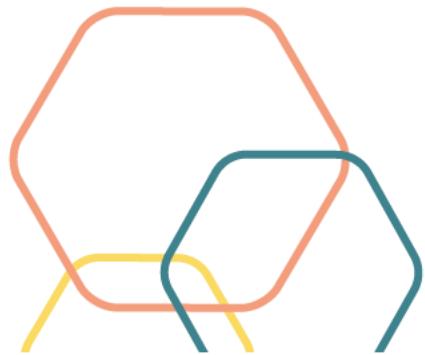
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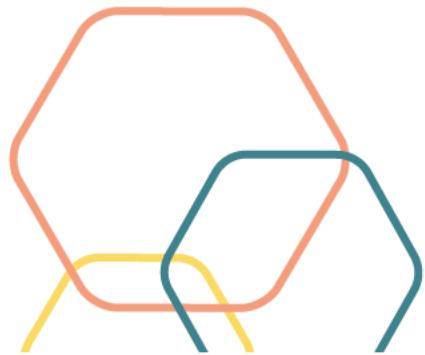
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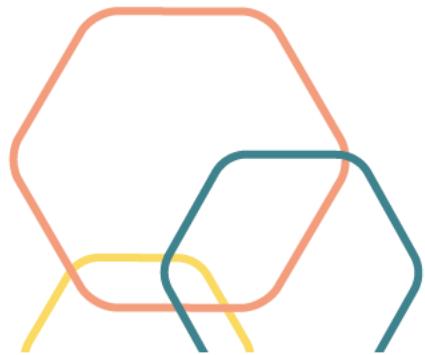
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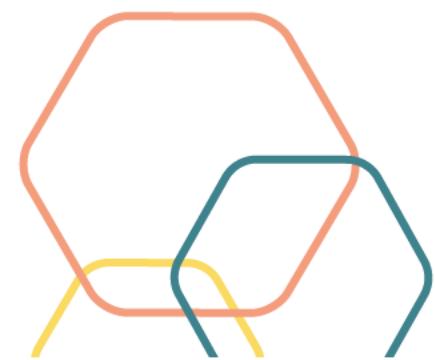
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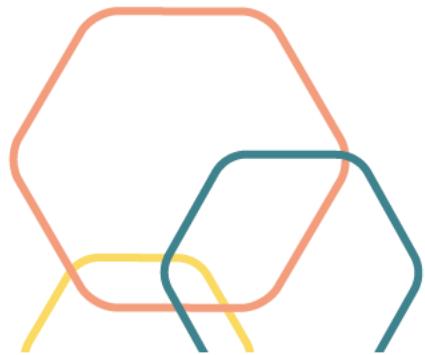
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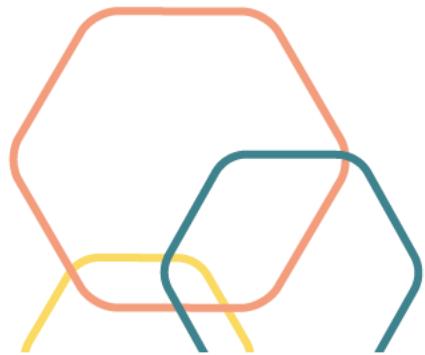
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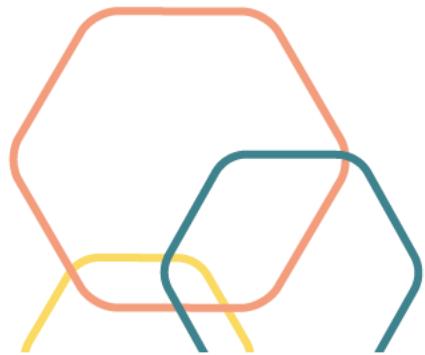
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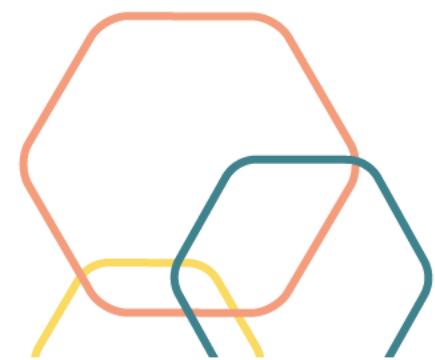
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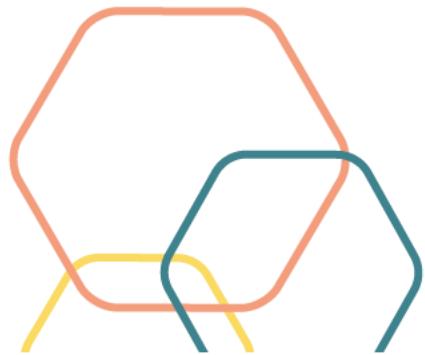
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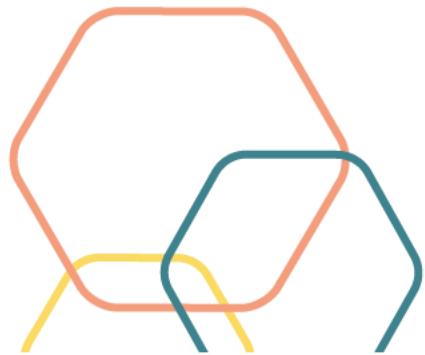
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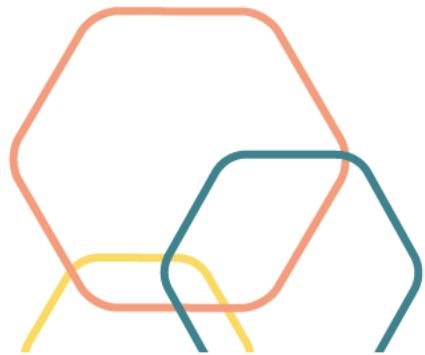
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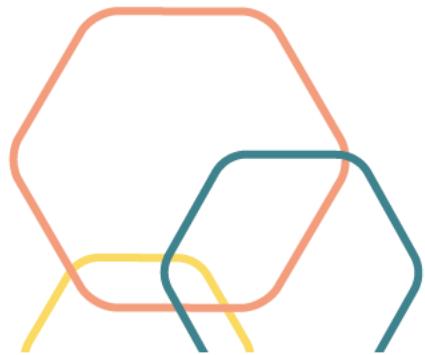
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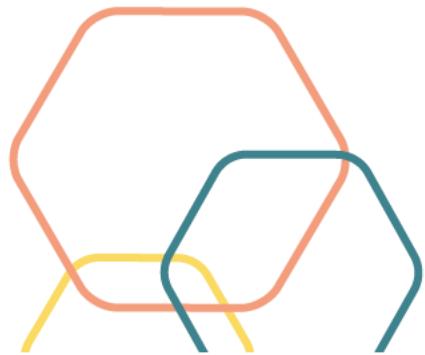
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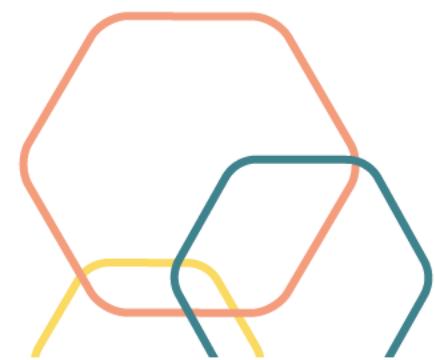
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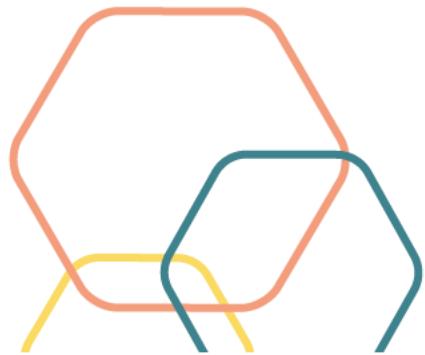
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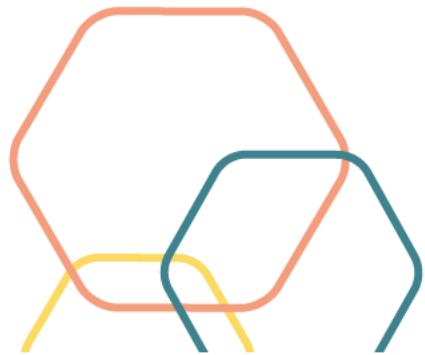
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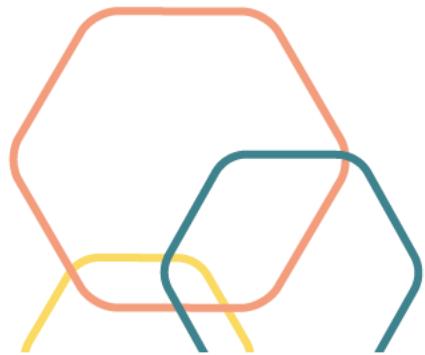
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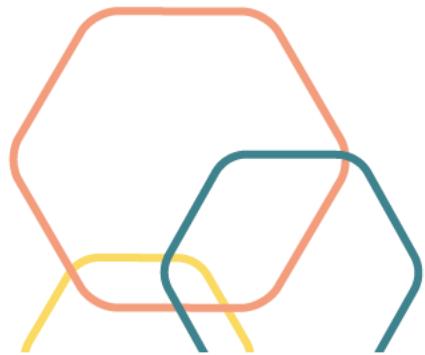
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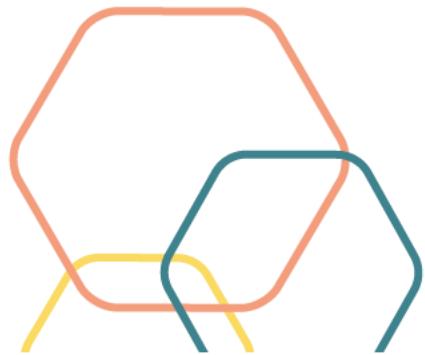
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