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sciencejewelry1824 No organ has been held so dear to our culture, language, and emotion throughout history as the heart. While the significance to life has been appreciated since antiquity, the heart has been accused of holding our thoughts, souls, and the very root of our passions.

Even the most logical of us wouldn't be shocked to hear someone commenting that "they have heart"—signifying an individual has personality and moral attributes of strength and valor. We wear hearts on our sleeves, poke fun with friends by having a light heart, and communicate sorrow with a heavy heart. Alongside the modern understanding and medical advances of medicine, we all carry a symbolic weight when we think of the place our heart has in our lives.

As we master the heart as an organ with medical advancements we're simultaneously proliferating its presence in modern social culture. While it's one of our favorite emojis, using the symbolic image of the heart is no radical idea. From the hieroglyphs of Ancient Egypt to scripts and glyphs of Europe and Asia, we have used the iconographical heart to communicate. It's no surprise that a tell tale double tap on your phone will let others know how you feel about an Instagram post.

Science or Social... show us your love and let us know what heart means to you. Like, comment, and share <3

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sassy.frank.zhang It's beautiful



crinu_ Please can u tell me how much is it?

[@sciencejewelry1824](#)



February 23, 2018



2,271 likes

sciencejewelry1824 The diversity and sheer enormity of life on our planet is almost unfathomable; without a perspective, order, or system in place to quantify that data the field of evolutionary biology couldn't be imagined. Since antiquity the thematic "Tree of Life" has persisted, but it wasn't until 1859 when Charles Darwin produced this model of the evolutionary tree.

More than just conceptual ladders, or charts, shaping evolutionary lineage into something more familiar proved to make an impact— successfully, given the popularity of Darwin's illustration. By shifting the perspective of thought the intricate and adaptive species lines can be more readily understood. While more modern classification has become more dynamic, the concept of the rooted "tree" marks how a shift of thought and form can make all the difference.

Sometimes the most lasting contribution you can make is a shift of perspective. In the way the phylogenetic tree shapes data into a familiar form, what are other examples of how looking at things a different way helped you grasp a topic? Like, Share and tag a friend! Let us know your story in the comments :-). Check the jewelry out here: www.sciencejewelry1824.com or just click the link in our bio 📍 @sciencejewelry1824

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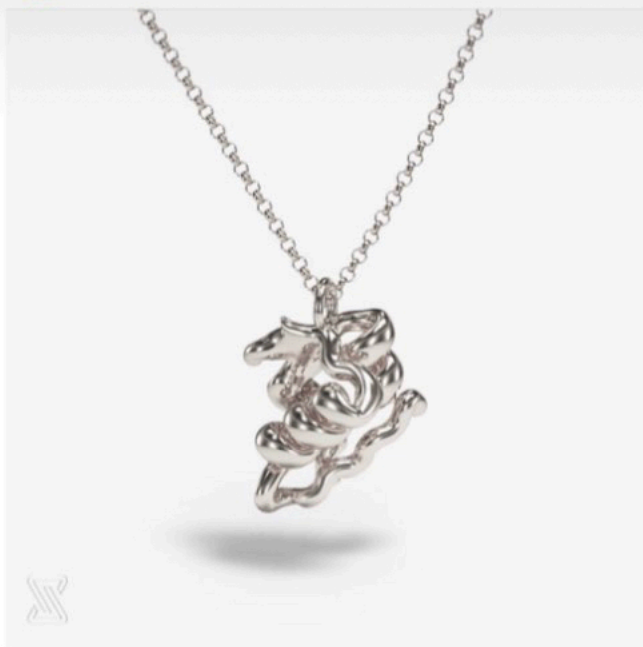
omnivorenomore @msegars70 ohmygod---i LOVE this!



omnivorenomore This is beyond amazing! I have this tattooed on my forearm. My freshmen loved it when we discussed evolution this year...I seriously want this necklace.



February 26, 2018



1,296 likes

sciencejewelry1824 The discovery of insulin dramatically improved the treatment of type-1 diabetes in the early 1920s. With an evolutionary origin that may stretch back to over a billion years, the molecular forms of insulin are found in the earliest single celled organisms.

In our lives, a disturbance in natural insulin levels like in diabetes can be managed by taking insulin— extracted from animals or even synthesized the most common vehicles for the drug are subcutaneous injections, with syringes, pumps, or even inhalers. Because proteins are reduced to fragments when they hit the gastrointestinal tract, insulin can't be taken orally... limiting users to more invasive routines. Much to the benefit of early researchers of the disease, the amino acid sequence of insulin in humans is just about the same as the corresponding sequence in cows and pigs, allowing humans to successfully use the subsequently extracted insulin.

With over 8% of the world population affected by Diabetes, the availability of insulin is crucial to preventing risk of death. A rather important hormone, the future research of insulin is crucial to improving lives. Check it out here: www.sciencejewelry1824.com or just click the link in our bio 📍 @sciencejewelry1824

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lungandi I tired to find this item (insulin) on your online store, but unfortunately I couldn't locate it. Please let me know where can I find it. Many thanks!

@sciencejewelry1824

kdnlove @sciencejewelry1824 so this is what the amino acid in insulin looks like?

February 27, 2018



2,773 likes

sciencejewelry1824 🐼🐼 This little phage looks menacing... but since you're not bacterium its safe to say you'll do fine wearing one of these around your neck. At the turn of the 19th Century there were documented examples of natural antibacterial actions against bacteria like cholera.

Less than a century later, phages were known to be the most abundant biological entities on the planet. As viruses that specifically infect bacteria cells, their implementation within the medical and commercial world had tremendous success. For instance, bacteriophages are utilized to attack food born pathogens like E. Coli in poultry, beef, and leafy greens.

The typical tailed bacteriophage structures are composed of a protein body with DNA within the head. They can only bind to specific host bacteria with complimentary receptors, and without the ability to move independently their range is limited to random encounters... but these microbes thrive everywhere bacteria exist.

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Picture by @vegan.dy

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chichi1984rs I did my dissertation on these little bad boys! 🤩



March 12, 2018



2,689 likes

sciencejewelry1824 Named after English physician Thomas Willis, this cerebral arterial circle is a schematic of arteries within the brain and brain stem, illustrating blood flow. The complex and intricate form of the arteries presents build in redundancy within our brains. If a part of the "circle" becomes blocked or narrowed... or arteries supplying blood to a part of the system become narrowed, blood flow from other areas can compensate, preserving function and preventing the loss of oxygen to the brain.

*

While visually stunning, this standard orientation has been documented to be present in less than 40% of individuals. After hundreds of examined cases, the "loop of Willis" has extraordinary anatomic variation from person to