



### **"Heart of Steel" A Science Lesson.**

Julian Voss-Andreae has turned his passion for science into art that expresses his ongoing artistic exploration of protein structure. The intricately shaped sculpture was welded from thousands of laser-cut pieces of so-called weathering steel, a material that will cover itself with a dark oxide layer when exposed to the elements. The photographs above show how the metal of the sculpture has changed color dramatically "because of the same chemical reaction that occurs in our blood when we breath in oxygen: Iron turns to iron oxide which gives both our blood and this sculpture their color," says Voss-Andreae. The artist moved to the United States in 2000, the same year he switched careers from quantum physics to art. The images above show the sculpture right after installation, after 10 days and after one month of exposure to the elements.