

# BLOOD OF THEIR BLOOD

## YOUNG BLOOD & THE BUSINESS OF AGEING



AS BIOTECH COMPANIES ALKAHEST & AMBROSIA EMBARK ON CLINICAL TRIALS TO STUDY THE EFFECTS OF TRANSFUSING BLOOD FROM YOUNGER TO OLDER PEOPLE, **EVOLUTION GLOBAL** EXPLORE THE ORIGINS OF PARABIOSIS & TRANSFUSION THERAPY.

- Jean-Baptiste Denys transfuses 9 ounces of blood from a lamb into a 15-year-old boy to 'assuage excessive heat.' The boy survives, but The Royal Society, French government and Catholic Church ban the procedure **1667**
- British obstetrician James Blundell demonstrates the first successful human-to-human blood transfusion **1818**
- Bram Stoker's Dracula published **1897**
- Alois Alzheimer identifies the first case of what becomes known as Alzheimer's disease **1906**
- Bolshevik's co-founder Alexander Bogdanov dies due of one of his transfusion experiments **1928**
- Brain tissue slides of Dr. Alzheimer's first patient, Auguste Deter, re-discovered in the University of Munich after being lost for 90 years **1997**
- University of Sydney demonstrates a single gene mutation in samples from Auguste Deter **2013**
- Wyss-Coray's company Alkahest announces clinical trials testing effects of young plasma transfusions into elderly Alzheimer's sufferers **2015**
- 1615** Andreas Libavius proposes joining the arteries of the old to the young
- 1749** Dr. Cantwell, a member of the Faculty of Medicine in Paris, states that transfusion is valuable in extreme emergencies involving severe blood loss, and should be considered
- mid-1800s** Animal Parabiosis developed
- 1901** Karl Landsteiner develops blood groups
- 1921** British Red Cross establishes the world's first blood donor service
- 1939** During World War 2, Edwin J. Cohn  
**1945** establishes blood fractionation
- 2000** Alzheimer's is reported to be one of the top ten diseases with the highest number of industry-sponsored trials demonstrating negative outcomes
- 2014** Stanford neurologist Tony Wyss-Coray publishes data that demonstrates that infusing plasma blood from a young mouse into the circulatory system of an old mouse results in a significant increase in tissue function
- 2016** Ambrosia announces pay-for-participation clinical trial assessing the anti-ageing benefits of young plasma transfusions