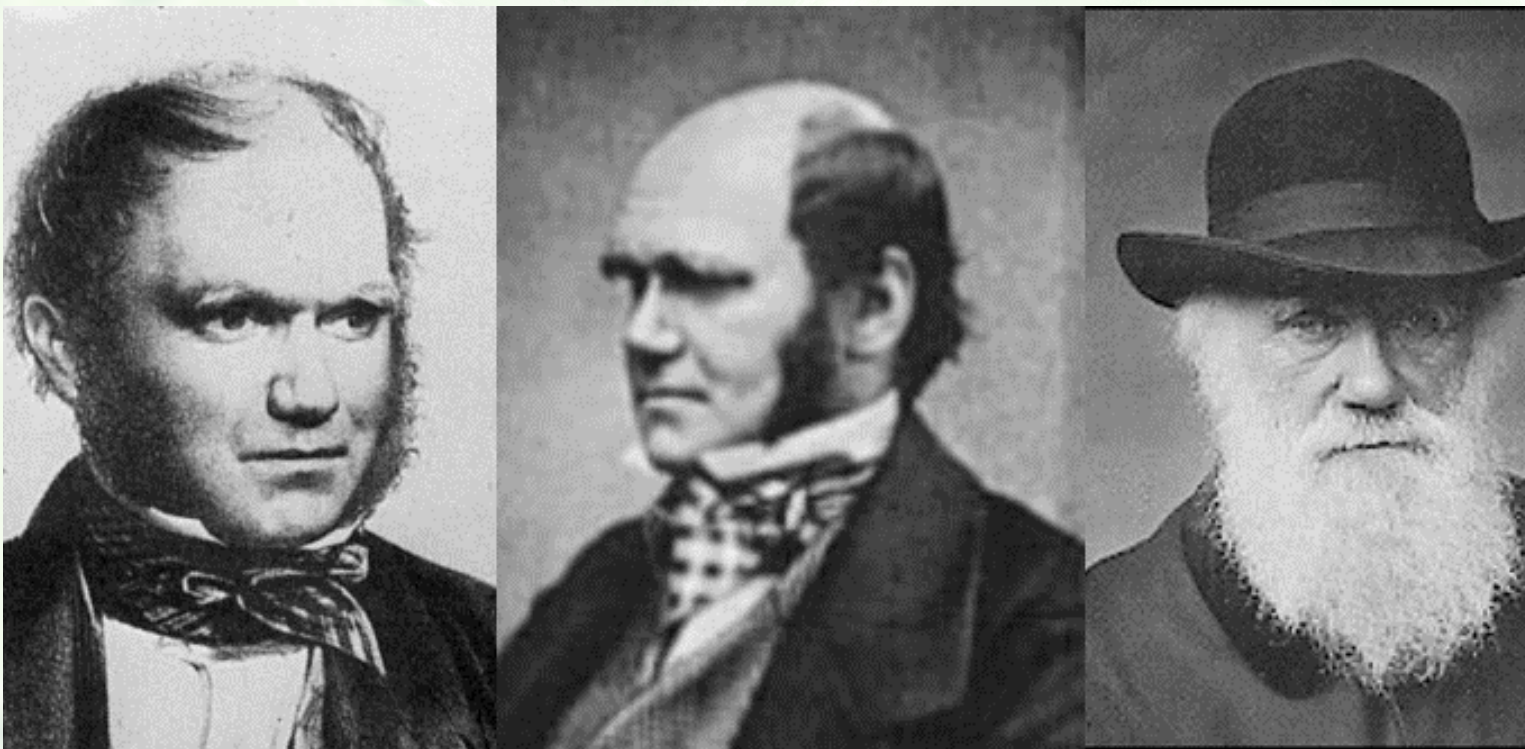


# Life Sciences Coffee and Conversation

*Life (Science) happens over coffee*



## The Evolution of Ageing With Tom Sherratt

Sept. 20, 2019 at 10 a.m.

608 Robertson Hall

All are welcome - free coffee and treats provided!



**Prof. Tom Sherratt**  
Department of Biology

We are all familiar with the gradual breakdown of our bodies as we get older. In humans, this deterioration collectively manifests itself as an exponential increase in the probability of dying with chronological age. It is not just well-protected humans and our pets that show signs of ageing either.

Although it was once believed that wild animals do not live long enough to exhibit senescence, it has now been reported in a wide variety of taxa including short-lived insects and even bacteria. This raises an important problem: surely any set of genes that enhanced an individual's longevity would be promoted by natural selection? While gerontologists have long tackled how we age from a mechanistic point of view, Sherratt will address the more fundamental question of why we age at all.

For more information, visit [science.carleton.ca/coffeeandconvo](https://science.carleton.ca/coffeeandconvo)

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