

1. Record Nr.	UNINA9910596998803321
Autore	Torday John S
Titolo	Pleiotropy : cellular-molecular evolution in action // John S. Torday
Pubbl/distr/stampa	London, : Henry Stewart Talks, 2016
Descrizione fisica	1 online resource (1 streaming video file (16 min.) : color, sound)
Collana	Evolutionary physiology, , 2056-452X
Soggetti	Cells - Evolution Evolution (Biology) Evolutionary genetics Molecular evolution Biological Evolution Evolution, Molecular Genetic Pleiotropy
Lingua di pubblicazione	Inglese
Formato	Videoregistrazione
Livello bibliografico	Monografia
Note generali	Animated audio-visual presentation with synchronized narration. Title from title frames.
Nota di contenuto	Contents: Pleiotropy as a Rubik's Cube ("Repurposing" of genes in response to evolution) -- Complex physiologic phenotypes as homologs of the unicellular cell membrane -- Driving factors for "repurposing" of genes -- Examples of pleiotropic "repurposing" of genes -- Aging vs. "antagonistic pleiotropy"-- Pleiotropy as the basis for endothermy.