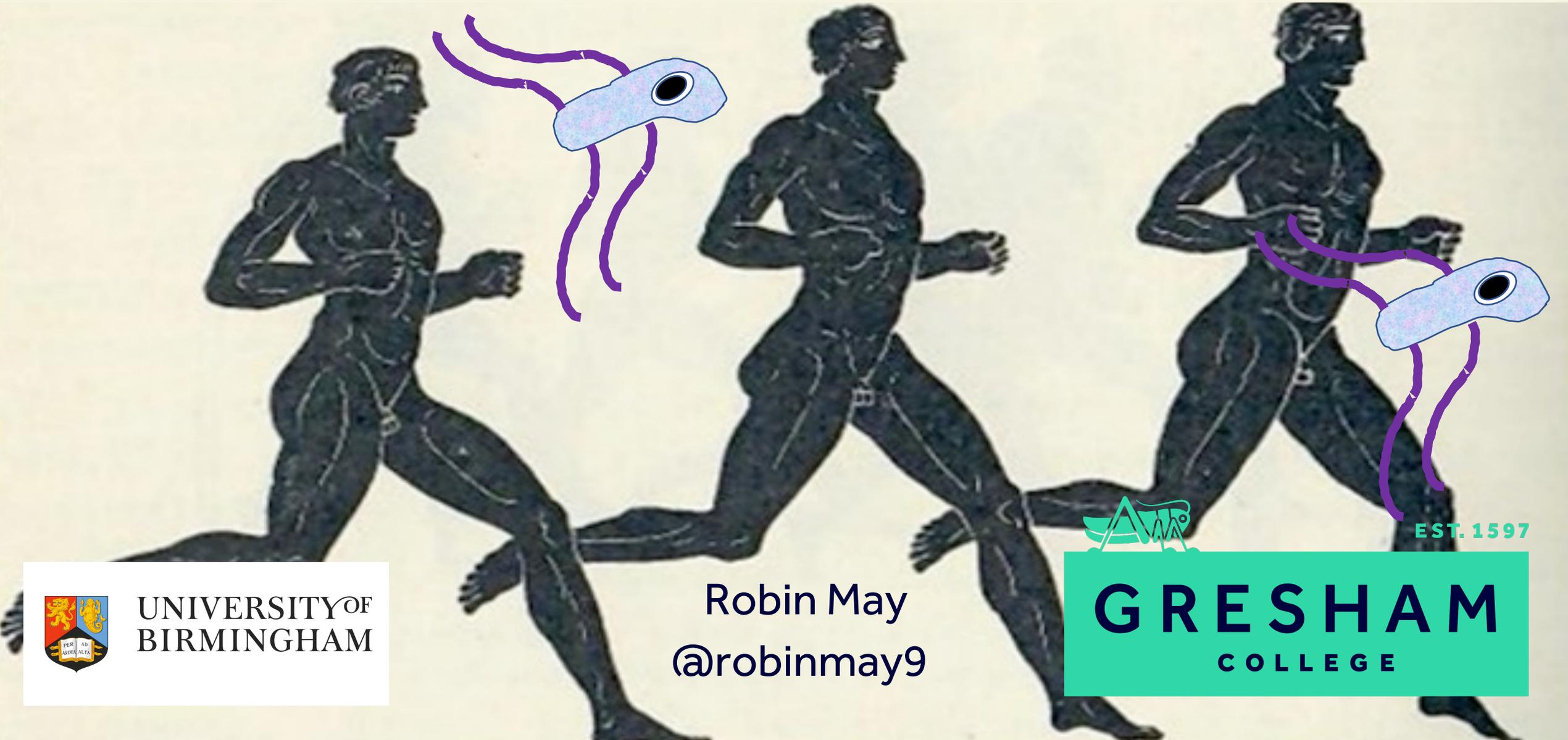


Microbial Record Breakers



UNIVERSITY OF
BIRMINGHAM

Robin May
@robinmay9



EST. 1597

GRESHAM
COLLEGE

Speed...



The Flagellated Bacteria

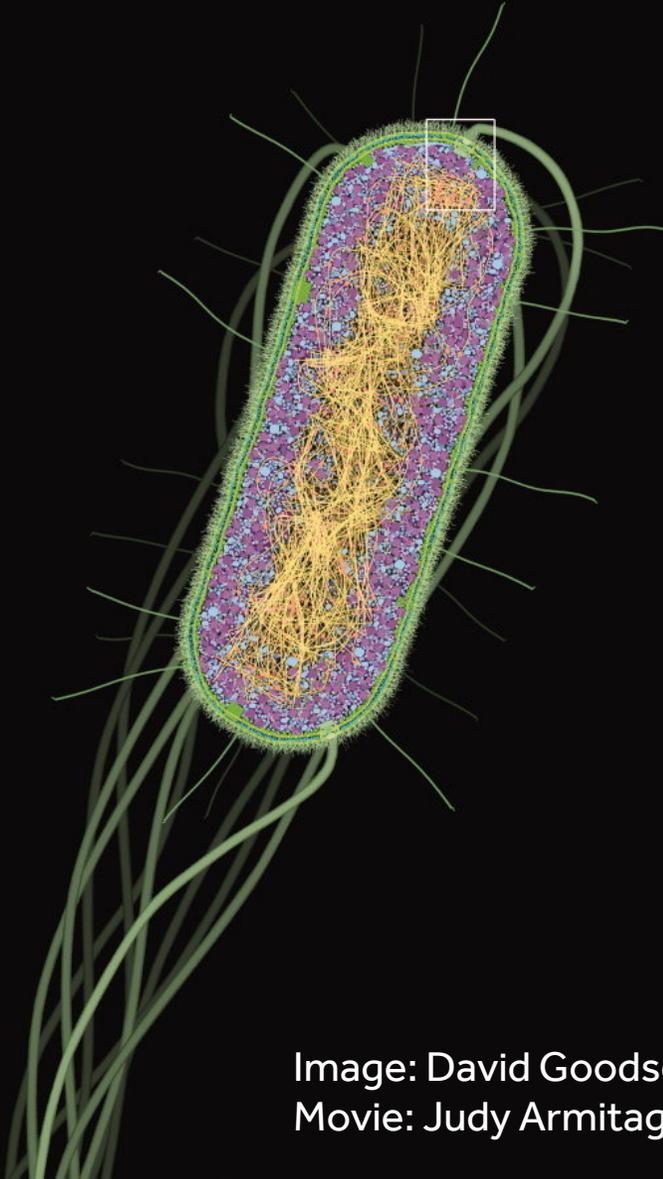
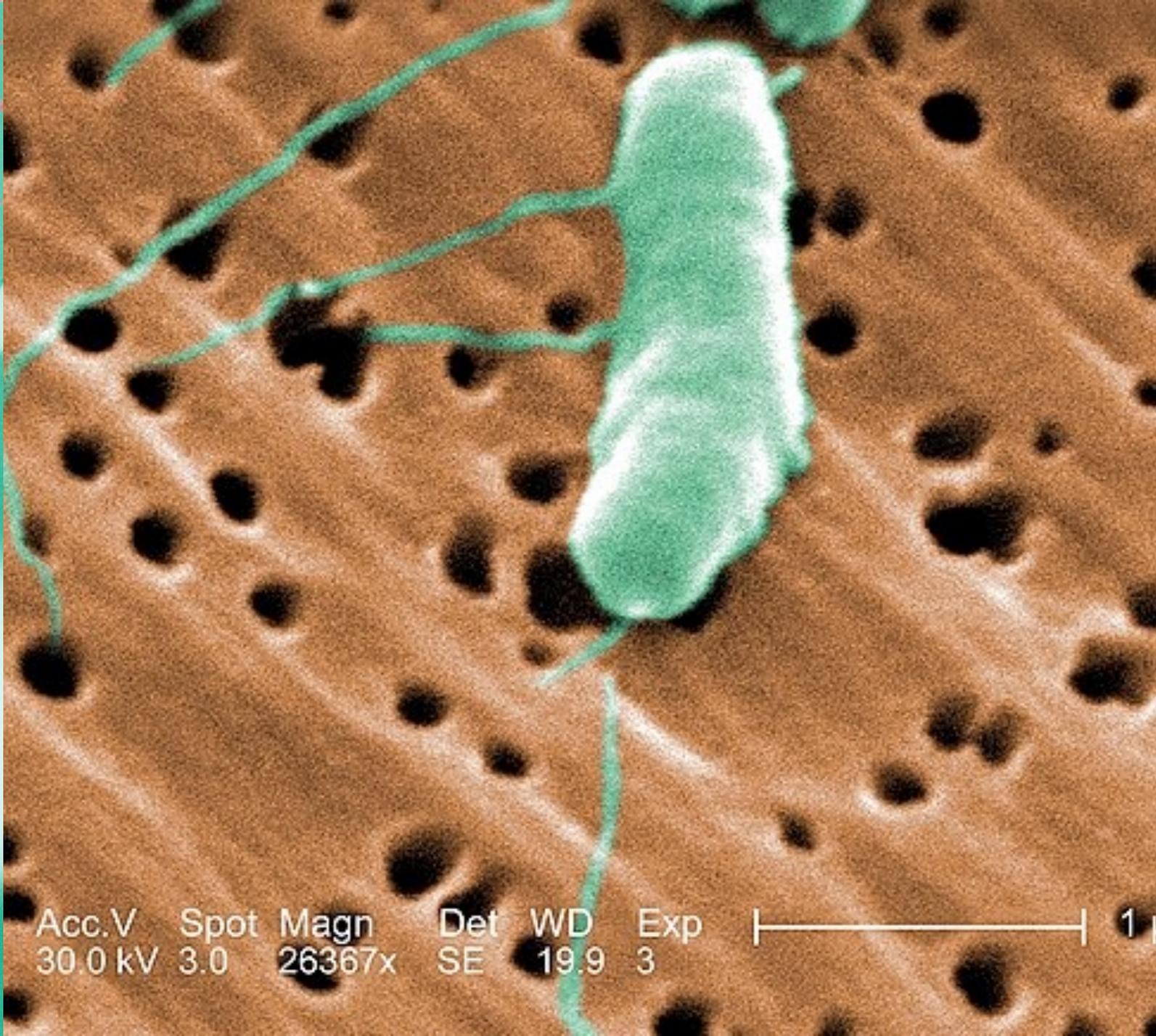


Image: David Goodsell
Movie: Judy Armitage



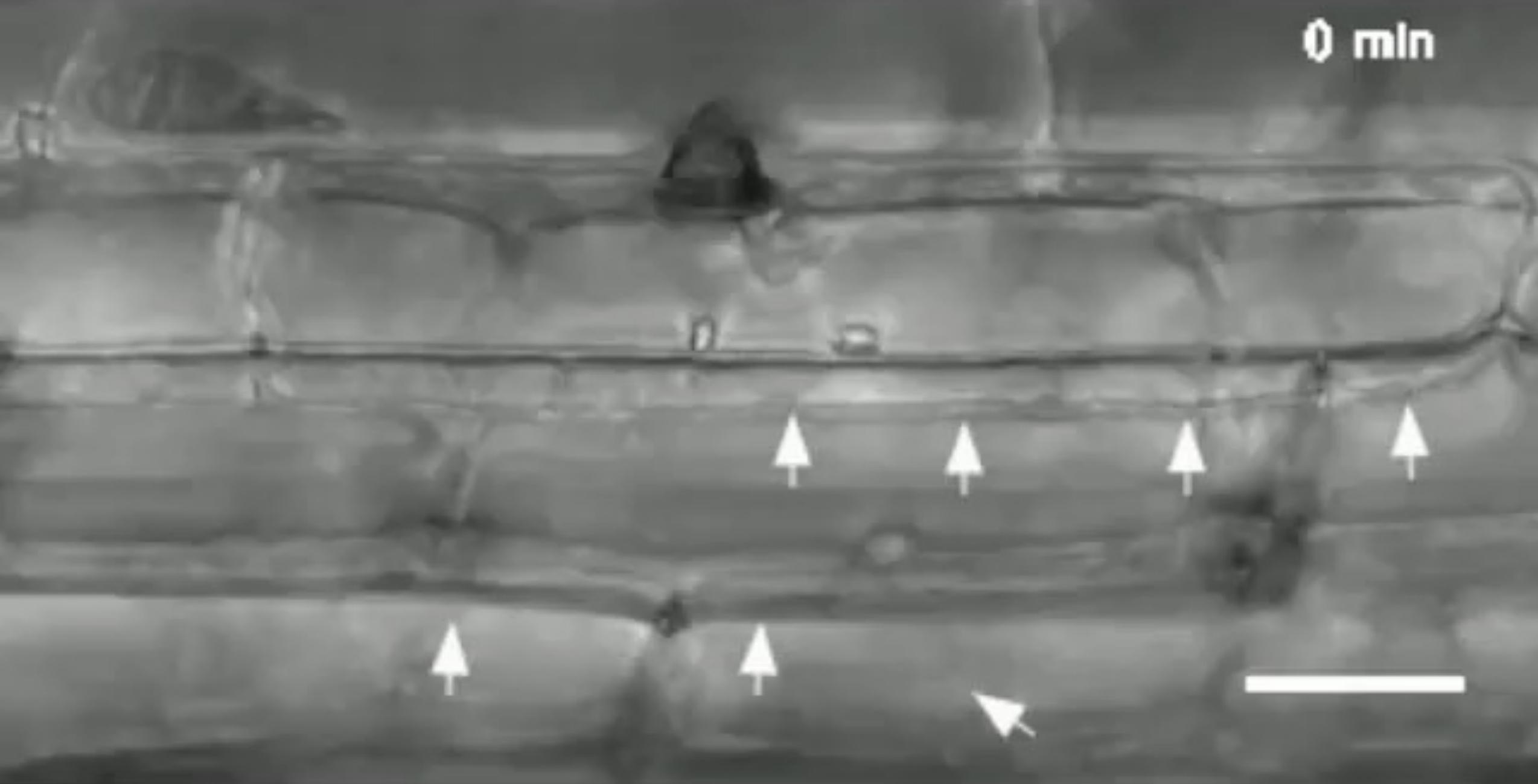


Weightlifting





0 min



00:00:00.000



Queen

DONE UNDER PRESSURE

Living Colour 1986



THE VISION 4:45
LET YOUR MOTHER DOWN 4:03
QUEEN 5:14
KIND OF MAGIC 6:50
UNDER PRESSURE 3:33

2
ANOTHER ONE BITES THE DUST 4:00
WHO WANTS TO LIVE FOREVER 3:45
I WANT TO BREAK FREE 3:22
GUITAR SOLO 12:30

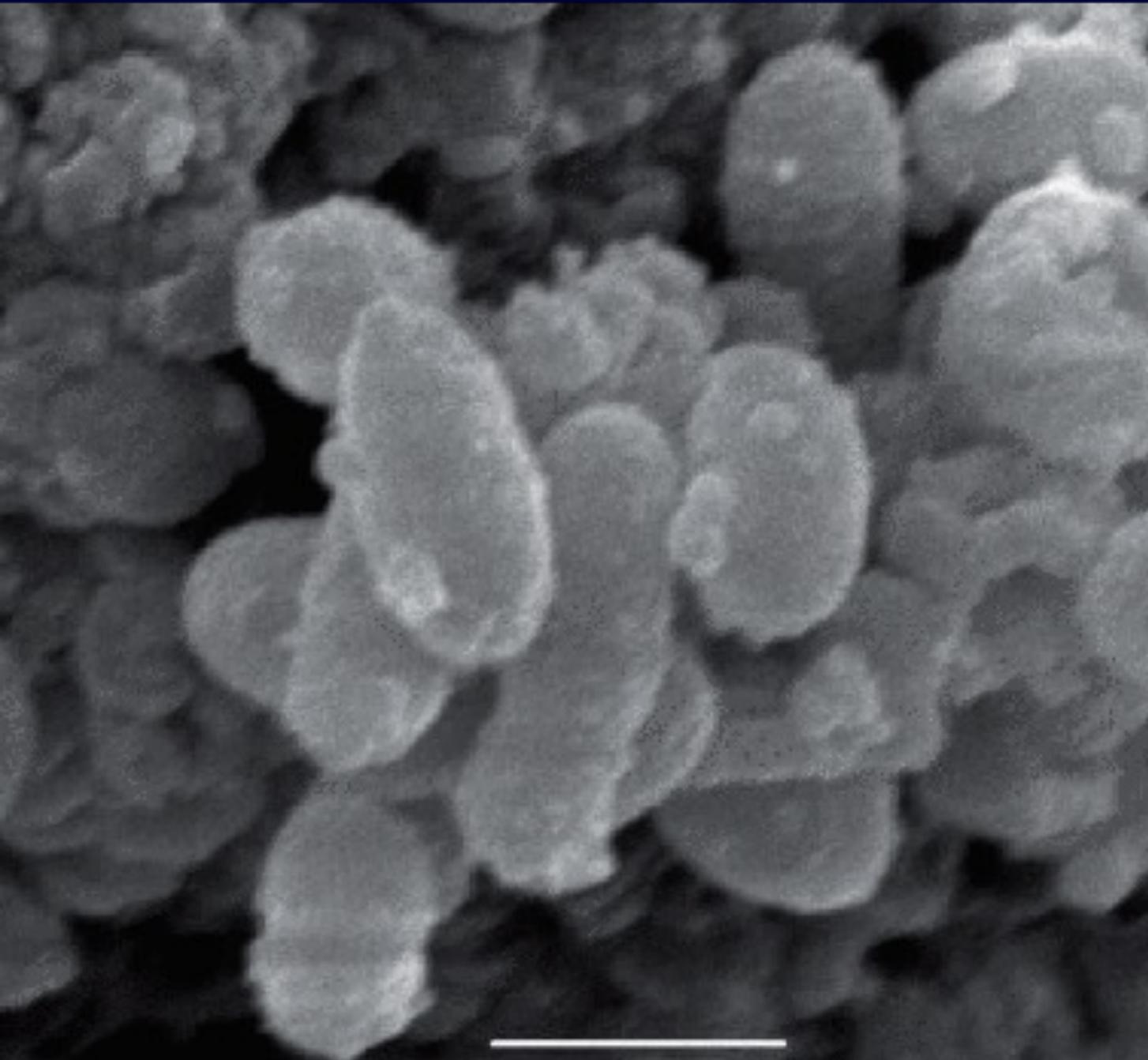
3
NOW I'M HERE 5:34
LOVE OF MY LIFE 3:54
IS THIS THE WORLD WE CREATE? 2:42
ROCK 'N ROLL 8:13
(During "Film" (1975-1986))
BOHEMIAN RAPSONDY 5:13

4
HAMMER TO FALL 4:34
CRAZY LITTLE THING CALLED LOVE 5:06
RADIO GA GA 5:50
WE WILL ROCK YOU 2:49
FRIENDS WILL BE FRIENDS 1:57
WE ARE THE CHAMPIONS 3:41
GOD SAVE THE QUEEN 1:10

A different kind
of pressure...







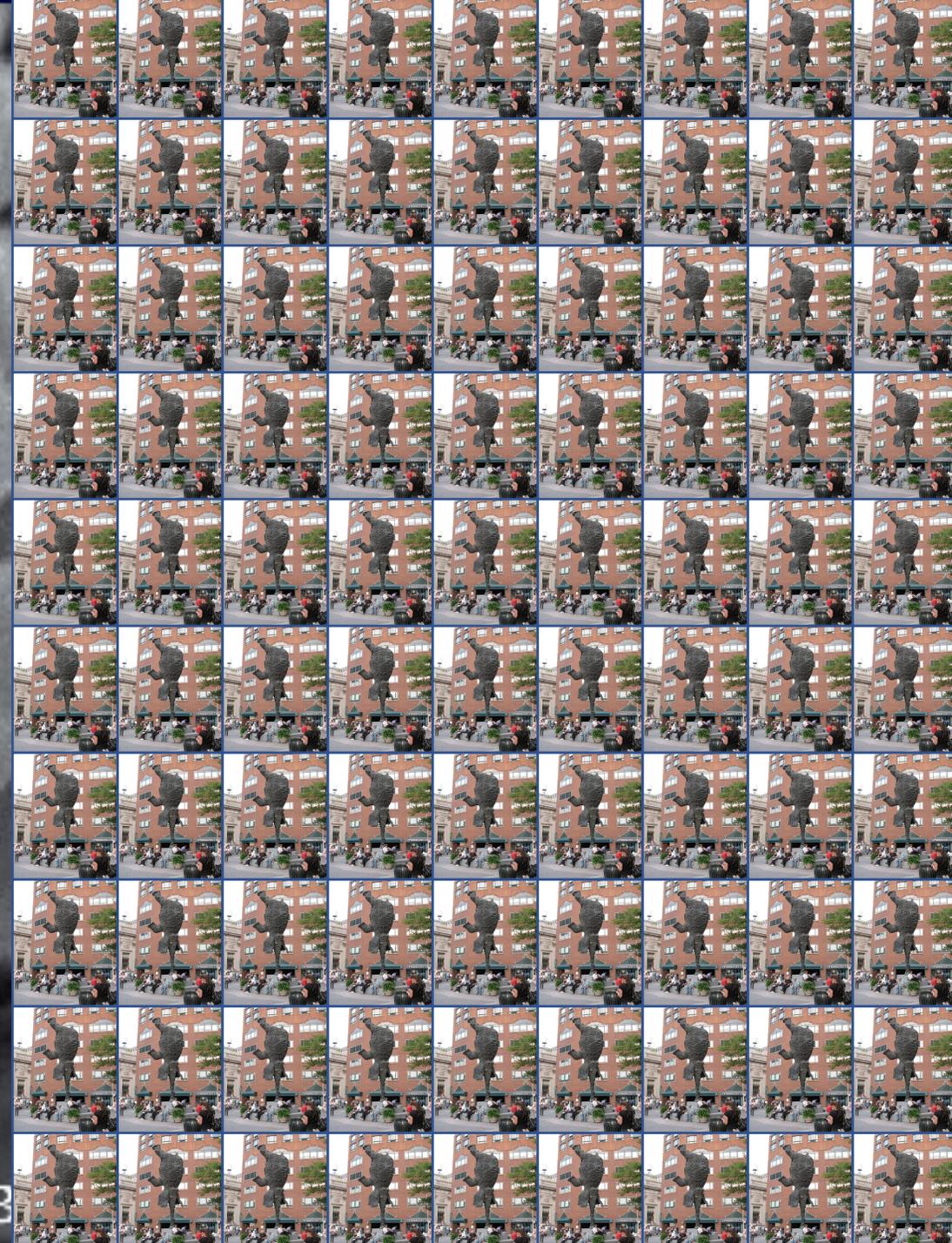
10kV

×25000

1 μm

0229

113





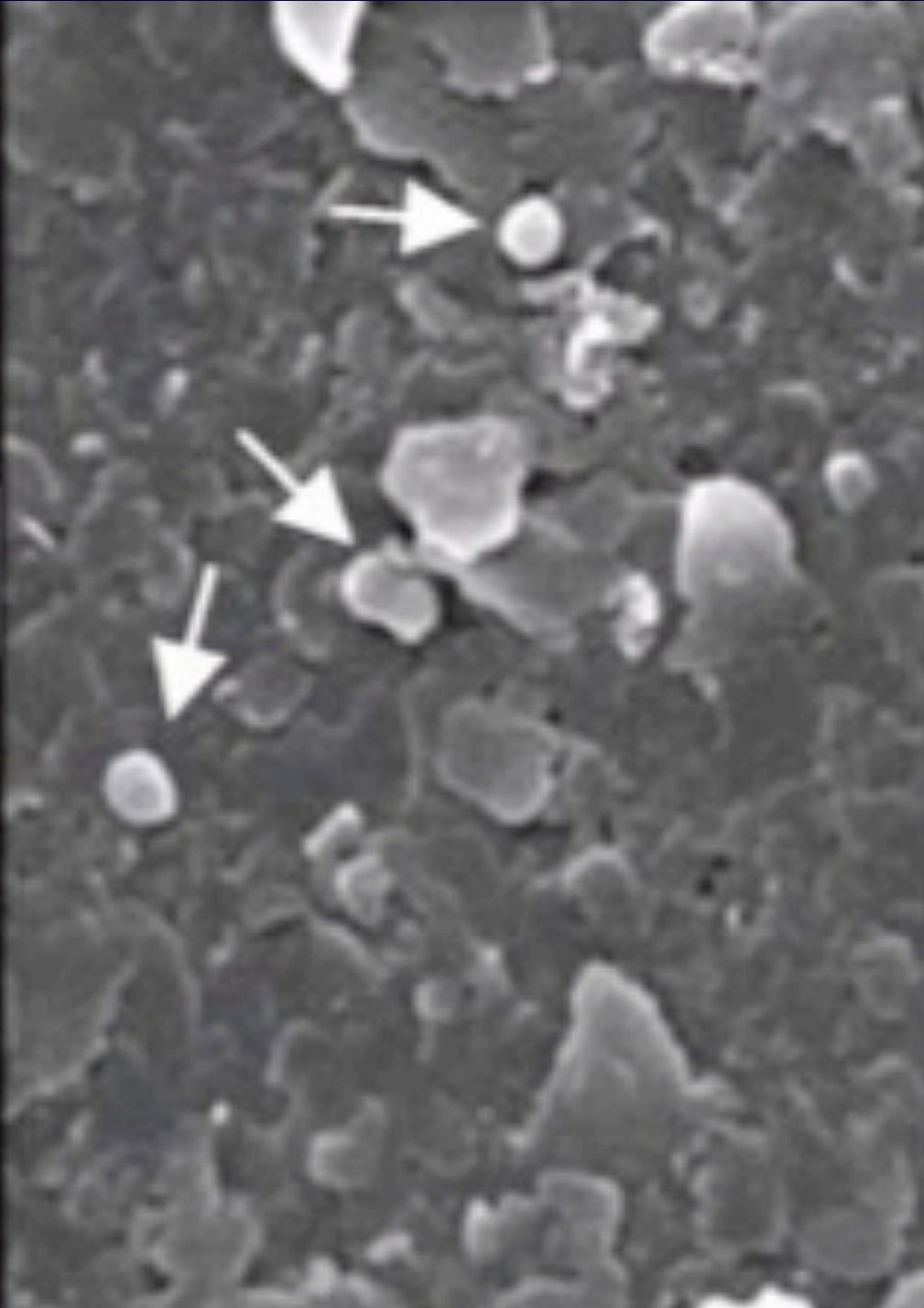
E. coli 0157

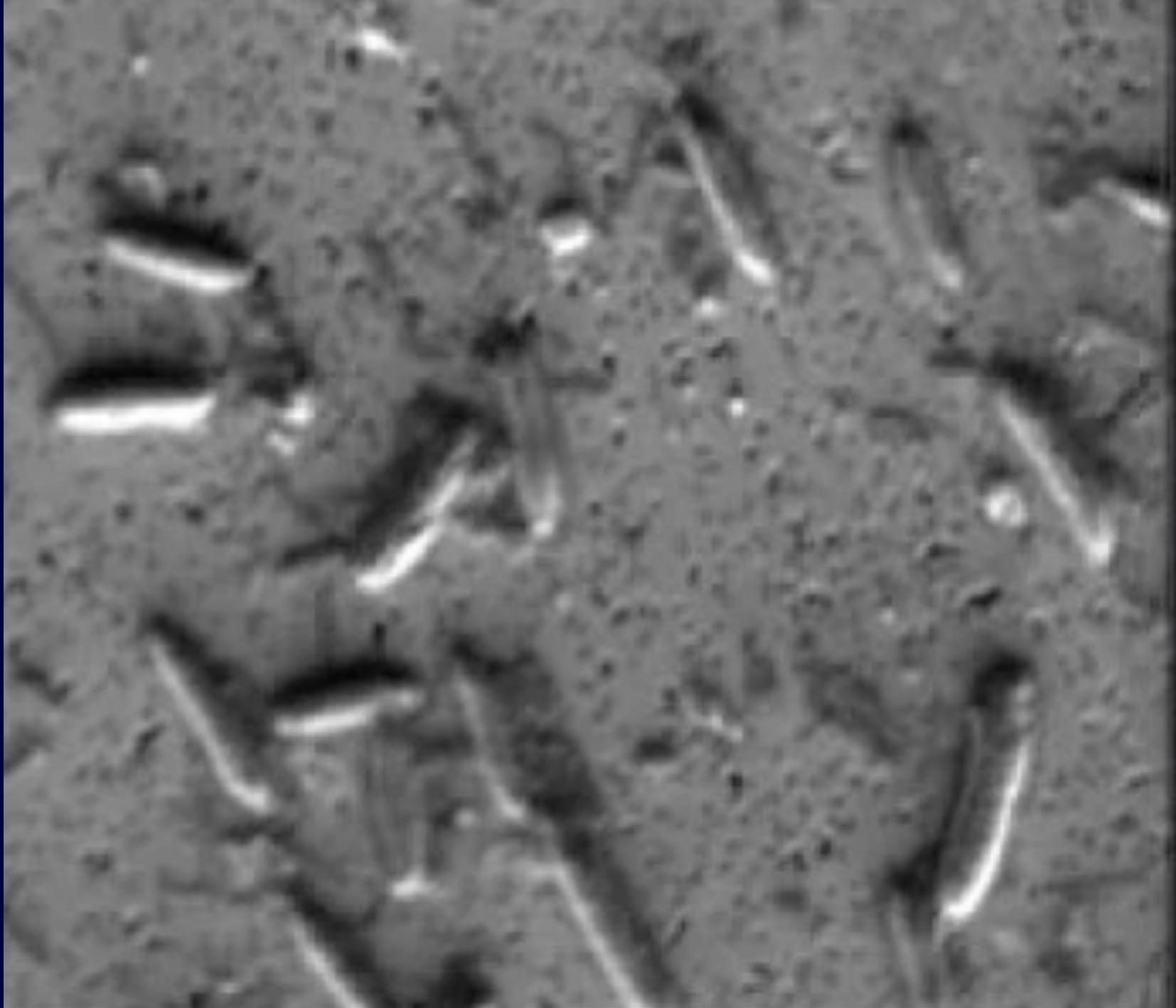
Life in the Fast Lane





Life in the Slow Lane







Prizewinning Projectiles



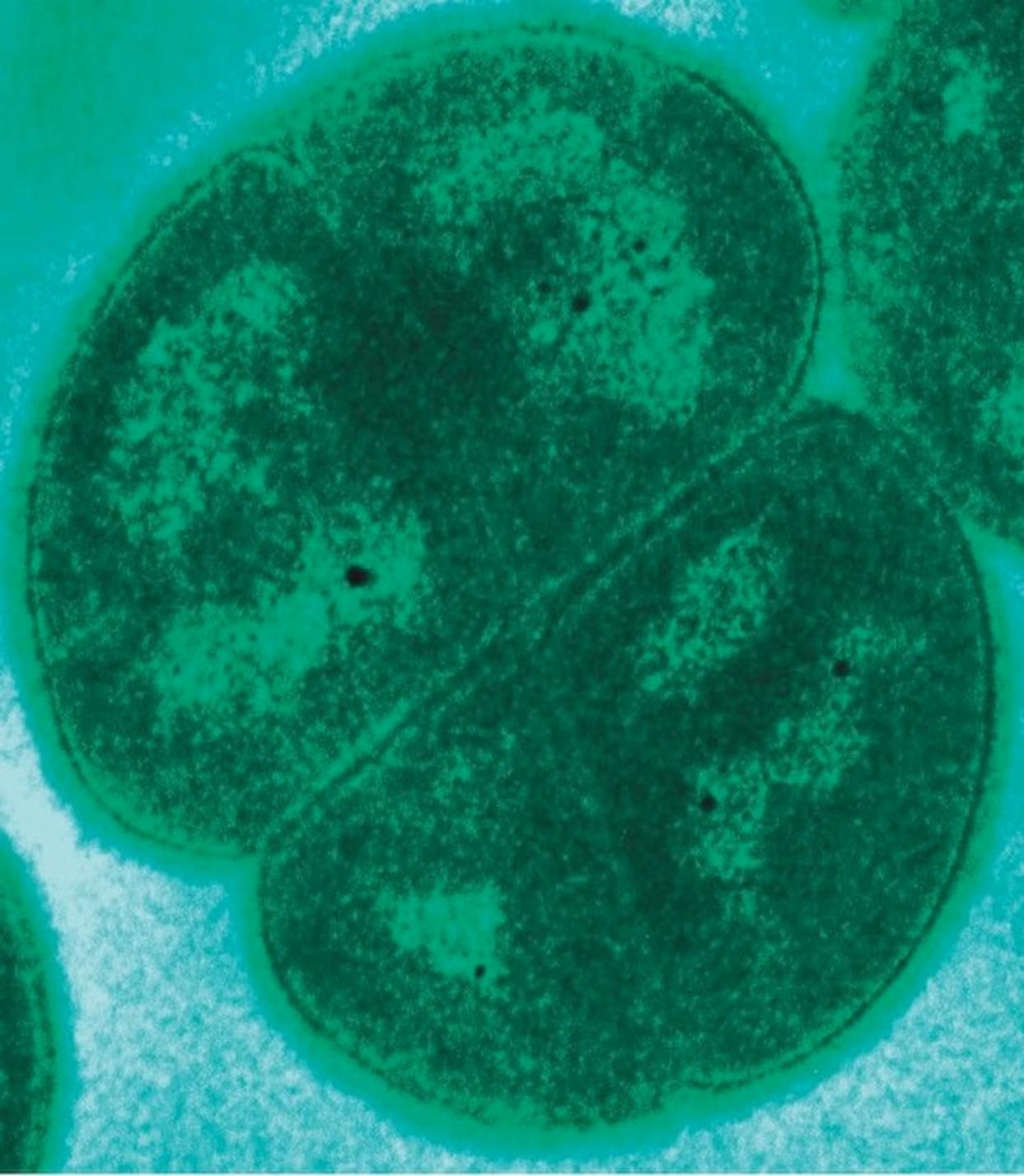




Courtesy of Nik Money

Triumph & Disaster





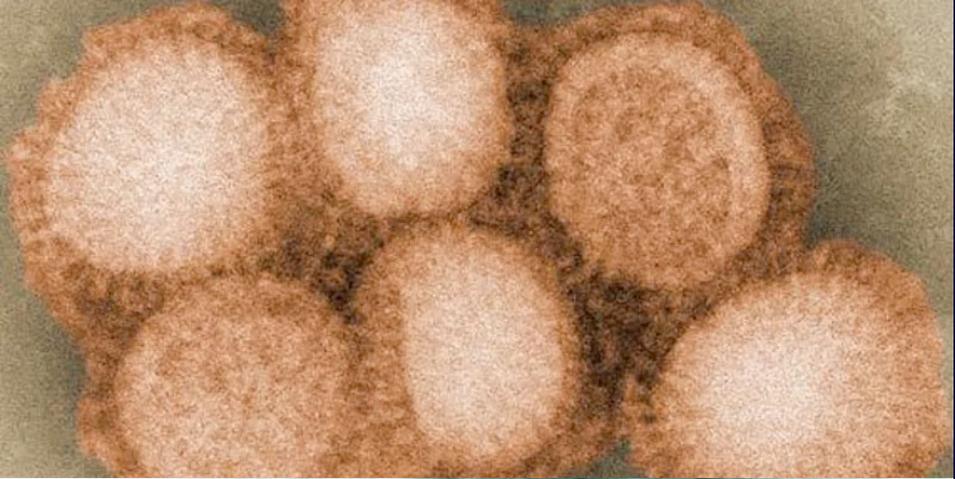
Extreme Survivors



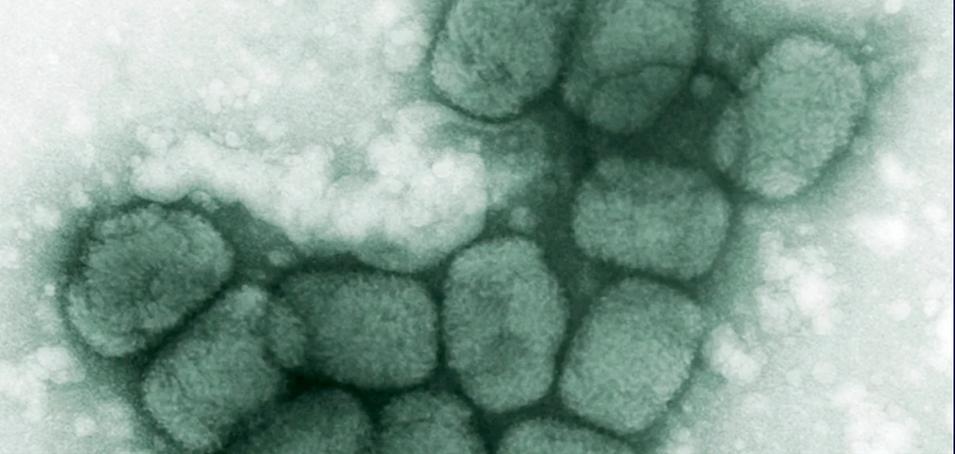


Extreme Killers

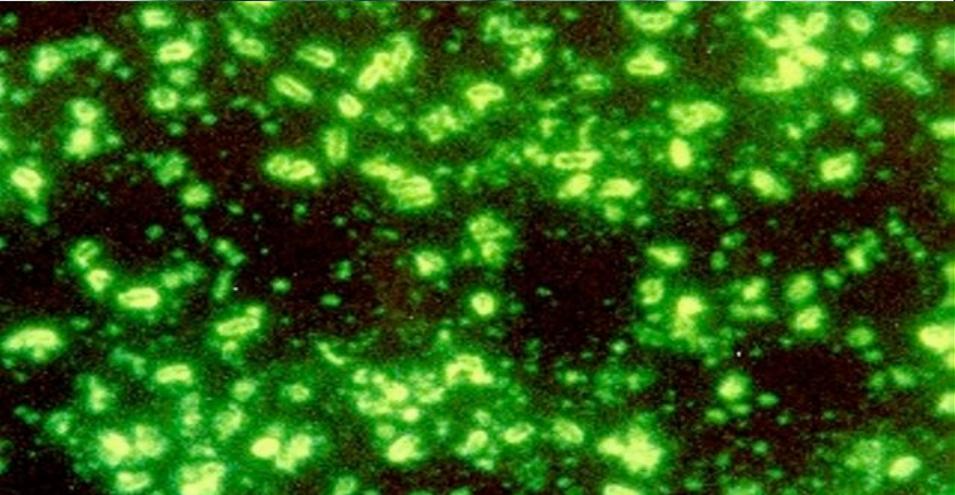




40m, 2%



50m, 90%



200m, 50%



- *Maybe 1 billion bacterial species*
- *Probably around a million, trillion, trillion
(that's 30 zeroes!) bacteria*
- *That's a LOT of opportunity for more
records!*



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