

# 2019 Regeneration-Award ceremony

a comic inspired by the talk by Jan Kaslin

IN THE MOST ANTICIPATED NIGHT OF THE YEAR:

## REGENERATION AWARDS

WELCOME FRIENDS OF MORPHOLOGY REPAIR AND FUNCTION RESTORATION...

...TO THE ANNUAL REGENERATION AWARDS CEREMONY!

AS YOU MIGHT KNOW

- AFTER RECEIVING SOME COMPLAINTS FROM THE VERTEBRATE COMMUNITY -

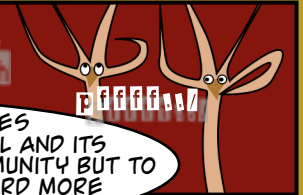
THIS YEAR WE ARE SEPARATING THE AWARDS IN DIFFERENT CATEGORIES.

...THE COMMITTEE REALIZES THIS DECISION IS CONTROVERSIAL AND ITS GOAL IS NOT TO POLARIZE THE COMMUNITY BUT TO MOTIVATE DISCOVERY AND REWARD MORE POTENTIAL.

clap clap clap  
BRAVO!  
clap clap clap



buuuuhh  
Pfffff



WE'LL START WITH THE NEW CATEGORY: THE REGENERATION AWARD FOR A VERTEBRATE ORGANISM!

HERE ARE THE NOMINEES:

TADPOLE

TAIL

AXOLOTL

LIMB

NEONATE MOUSE

HEART

ZEBRAFISH

FIN

AND THE WINNER IS...

THE AXOLOTL

FOR THE AMAZING PROCESS OF WHOLE LIMB REGENERATION AFTER INJURY!

SKIN! MUSCLE! NERVES! CARTILAGE!

BONE!

THE REGENERATION OF AN ENTIRE ARM OF THIS MEXICAN SALAMANDER INVOLVES PERFECT COORDINATION FOR REGROWTH OF EVERY TISSUE. AND ALL OF THIS COMPLETELY SCAR-FREE!

MUCHAS GRACIAS!

I WANT TO DEDICATE THIS AWARD TO ALL THE SCIENTISTS THAT HAVE RESCUED ME FROM THE XOCHIMILCO LAKE!

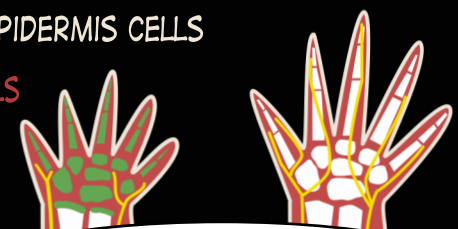
BUT MOSTLY I WANT TO THANK MY INCREDIBLE TEAM OF CELLS IN THE BLASTEMA:

NERVE CELLS

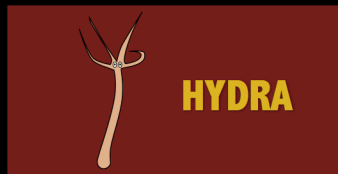
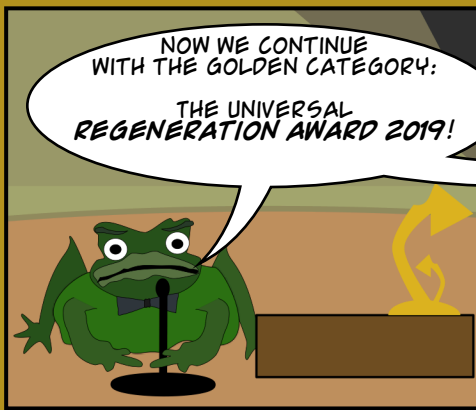
FIBROBLASTS

EPIDERMIS CELLS

MUSCLE CELLS



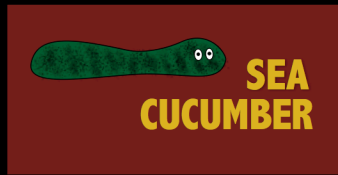
AND OF COURSE THE PROCESSES OF (DE-)DIFFERENTIATION, GROWTH AND DEVELOPMENT THAT THEY UNDERGO.



HYDRA



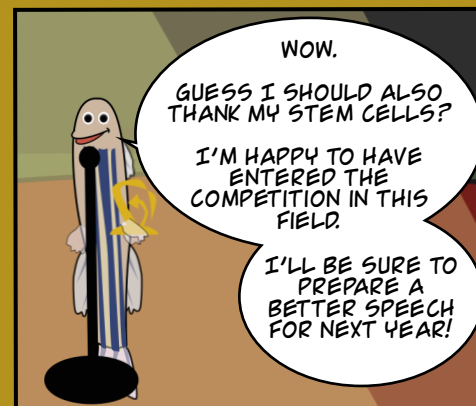
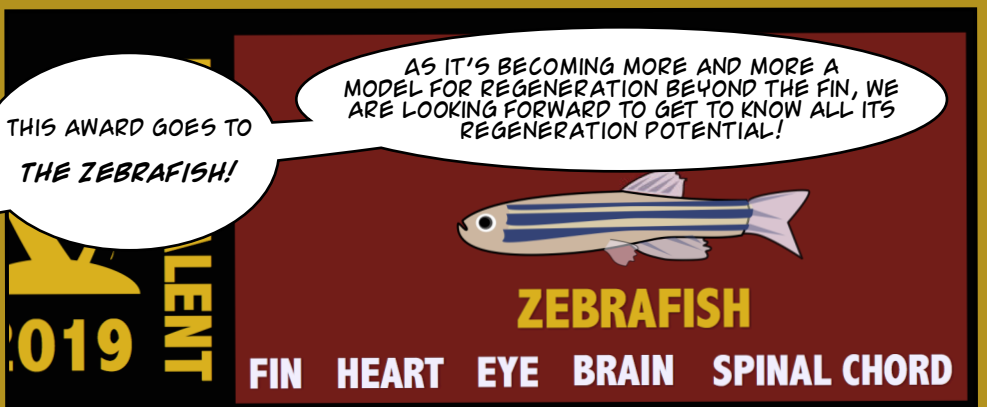
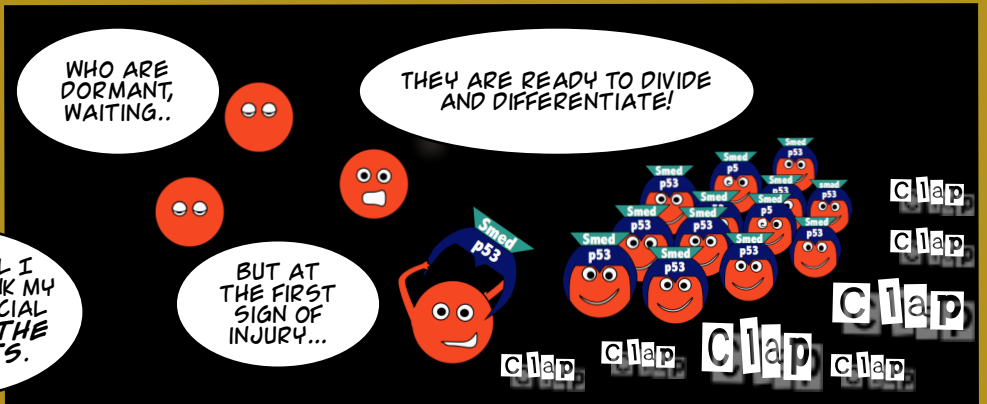
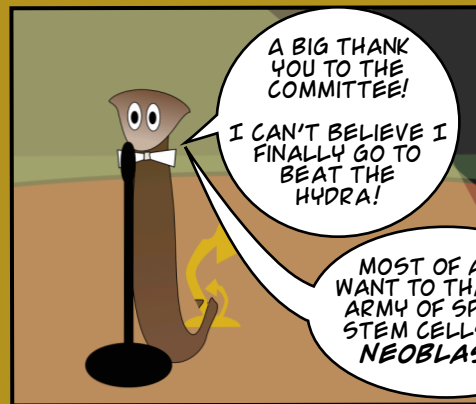
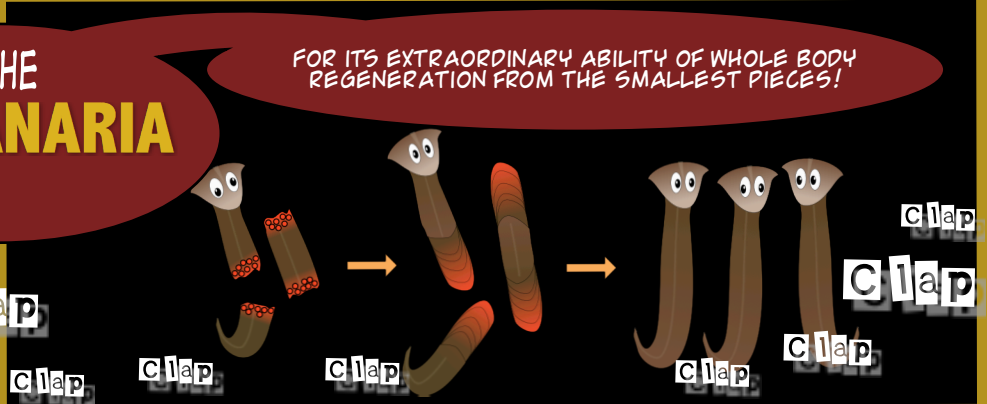
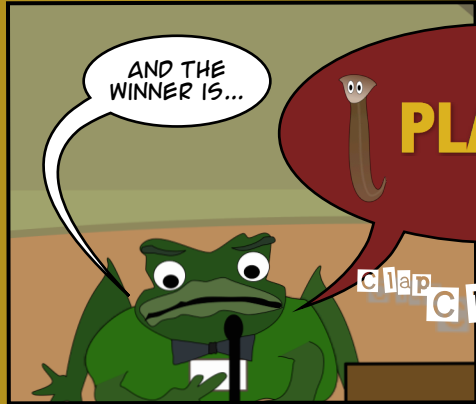
SEA STAR



SEA CUCUMBER



PLANARIA



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And made possible by:

