

Zonk 4

Ouch! you missed her! Bad luck, mate.
The cytoskeleton has clues to her fate.
The protein *actin* holds a clue.
Get going sleuth! Run, Gumshoe!

Zonk 3

Aww, you lost her. The trace grew lean.
Find the organelle that makes protein.
NOT a ribosome; go instead
to Rough ER! Use your head!

Zonk 2

Bad news detective, you guessed wrong.
Dash to the packaging center! Run, Be strong!
Cis and trans give it polarity.
Make Carmen's crimes become a rarity!

Zonk 1

Sorry, Gumshoe! Your instinct was bad.
Go to the lysosome and you'll be glad!

Under actin - Cytoskeleton

Carmen's fled to a membranous place.
Secreted proteins fill its central space.
Studded with ribosomes like little round spheres
Find Carmen here! Reduce her to tears.

Under RER - Endomembrane

Hydrolytic enzymes make up this guy.
If you're a worn-out structure, you will fry.
If this organelle comes after you,
say your prayers; you'll be through!

Under lysosome - Endomembrane

Carmen's got the munchies; she's after something crunchy.
For glucose she launched a raid ta' break the bond that's beta.
Find the barrier outside
that plant cells wear with pride.

Under Cell Wall - Cell Surfaces

Large and small subunits meet and collide
and briefly with molecular mRNA reside.
These little organelles exist to create
polypeptide strands for that's their fate.

Under ribosomes - Nucleus & Info Mol.

(To the Village People song "In the navy")
In the 'desma, movement though it is a breeze

In the 'desma, plant cells communicate with ease!

In the 'desma, they're found in the outer wall,

In the 'desma, Carmen stashed her stuff!
That's all!

Under plasmodesma - Cell Surfaces

Full of digestive enzymes, it's not
But for turgor pressure, it's thought
To fill up plant cells,
like intracellular wells
They make most of their volume it's thought. (name its membrane)

Under tonoplast - Endomembrane

She's on the run!
You're almost done!
Find the little protein that's placed
Between actin bars carefully spaced
This motor protein's groove
is to make muscle cells move!

Under myosin - Cytoskeleton

The inner membrane surrounds it, that's true.

Inside is a low pH goo.

Energy is it's game
(this poem isn't so lame)

Find Carmen here and you're through!

Under matrix - Endomembrane

Careful! Control your reaction!
Don't let the other teams know!
You nabbed Carmen!
Replace this card quietly
and rush to your instructor!

