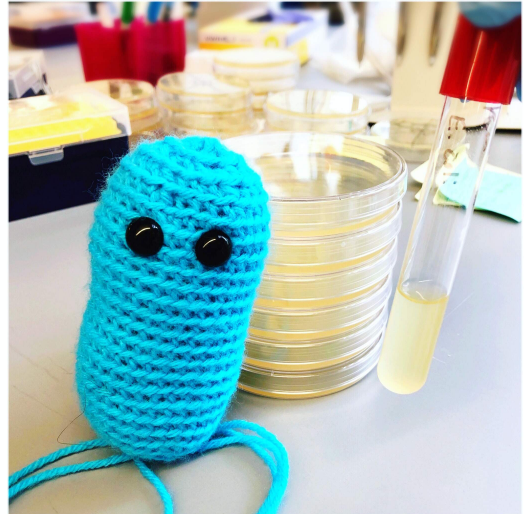


Escherichia coli (E. coli)

Design by Dr. Ana Maria Porras from anaerobias

MATERIALS

- Worsted weight yarn of desired color
- Crochet Hook H - or size recommended by yarn
- Stitch Marker (to count rounds, optional)
- Polyester or other stuffing
- 12mm craft eyes



NOTES

- **Gauge** is not important for this project. Just make sure you are using a hook size you can crochet with comfortably for your yarn.
- All stitches in the pattern are worked through the **back loop only**. If you are unsure about what this means, check out this video: <https://www.youtube.com/watch?v=IQuuYji5Pas>
- I recommend you begin the pattern with a '**sloppy slip knot**' to avoid leaving a hole in the center of your microbe. Here is a photo tutorial and video you can follow if you are unfamiliar with this technique: <https://www.youtube.com/watch?v=dD0Hy0EIHIE>

ABBREVIATIONS

- ch** - chain
- sc** - single crochet
- sc2tog** - single crochet 2 stitches together
- st(s)** - stitch(es)

PATTERN

Make as many cocci as you want to incorporate into your design. 5 are pictured here. Starting with the sloppy slip knot, ch 2.

R1: Sc 6 times in 2nd ch from hook. (6)

R2: Sc twice in each st. (12)

R3: *Sc twice in next st, sc in next st. Repeat from * 5 times. (18)

R4: *Sc twice in next st, sc in next 2 sts. Repeat from * 5 times. (24)

R5: *Sc twice in next st, sc in next 3 sts. Repeat from * 5 times. (30)

R6-20: Sc in each st. (30)

R21: *Sc2tog, sc in next 3 sts. Repeat from * 5 times. (24)

R22: *Sc2tog, sc in next 2 sts. Repeat from * 5 times. (18)

Attach eyes between rounds 19 and 20, approximately 5 sts apart. Stuff your microbe generously.

R23: *Sc2tog, sc in next st. Repeat from * 5 times. (12)

R24: Sc2tog 6 times

Add more stuffing if necessary

R25: Sc the 1st and 4th stitches together.

Fasten off leaving a long tail.

FINISHING TOUCHES

Cut 3-4 long pieces of yarn (twice as long as you would like the E.coli flagella to be). Pull each piece through a separate lop at the bottom of your bacteria and tie a knot. If desired, cut all flagella to the same length. You can always add more flagella or place them all around the bacteria to make it your own.

Congrats on finishing your very own microbe!!!

SHARING & SOCIAL MEDIA

I would love to see what you have made! You can share your photo on twitter or instagram and tag me @anamaporras or use the hashtag #MicrobeMondays. Follow me to stay up to date with my latest microbial creations!

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