

# Counting Iron-absorbed Small Intestinal

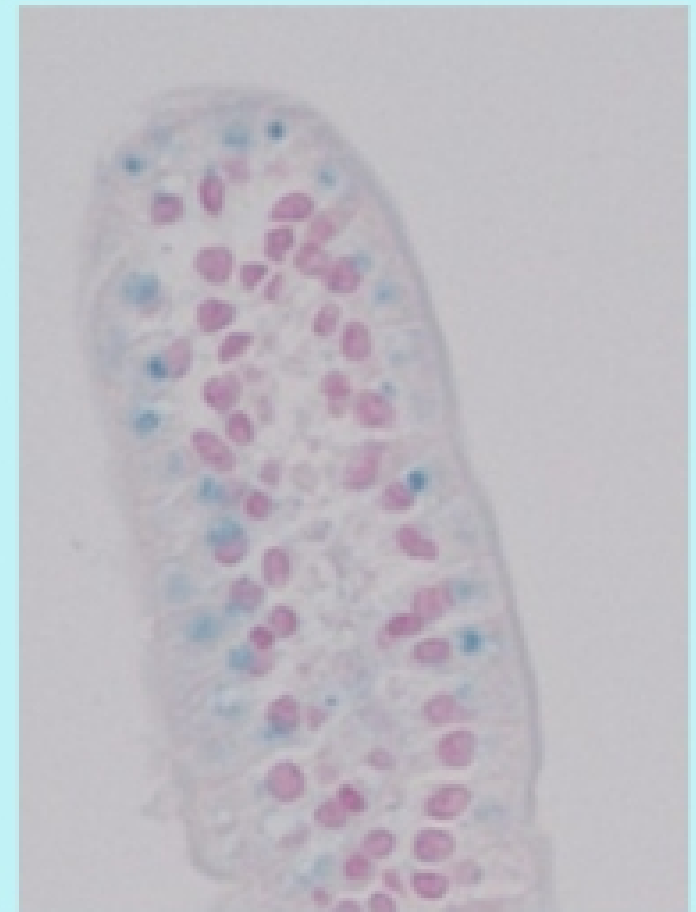
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## ◆ Kling lab Research

Study iron absorption in premature infants  
Quantify intestinal iron content in newborn rats

## ◆ Problem for us

To count the number of **blue cells** contained in a given image



# How to define blue cell

- ◆ One way

  - Hue value between 144 to 155

  - A single 'for' loop search for any pixel of value with given range

  - Adding total number of searched cells

  - Finished

- ◆ Problem

  - User decide what is blue, but we can't