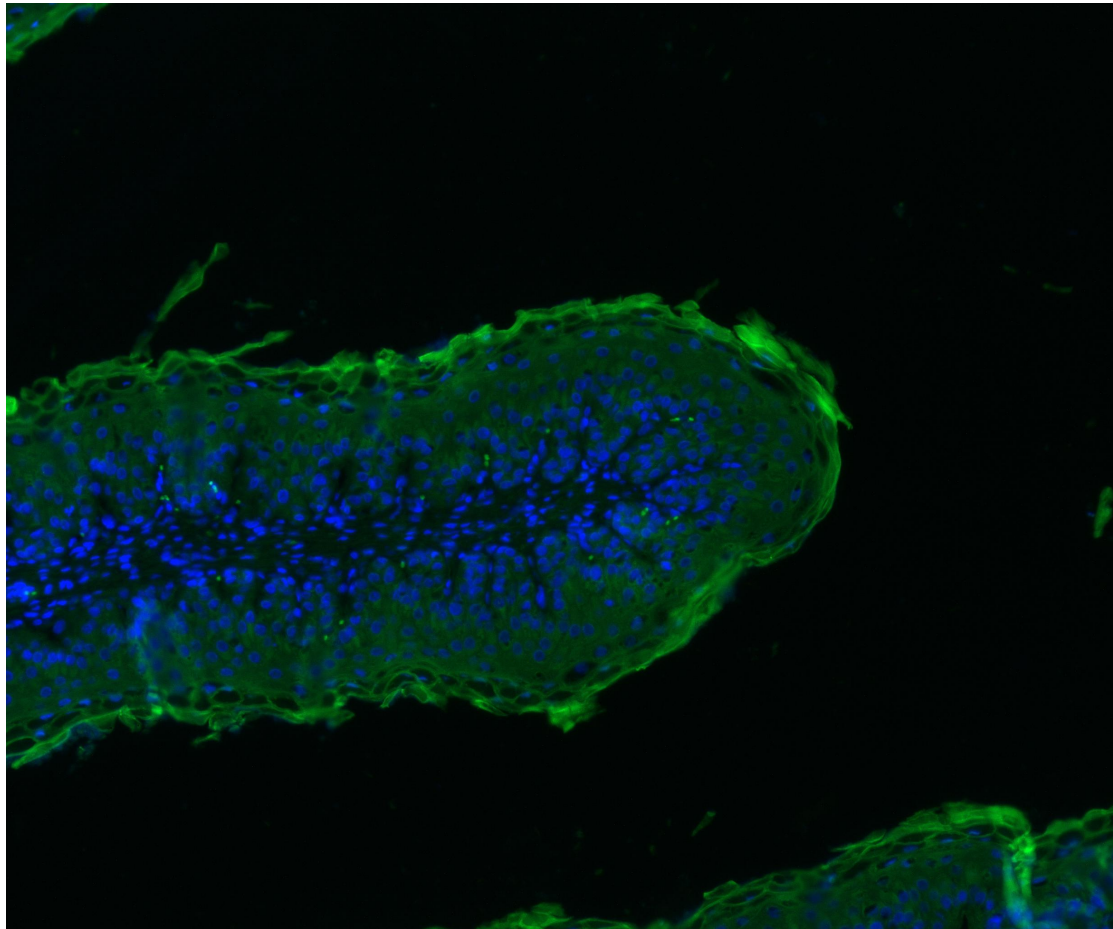
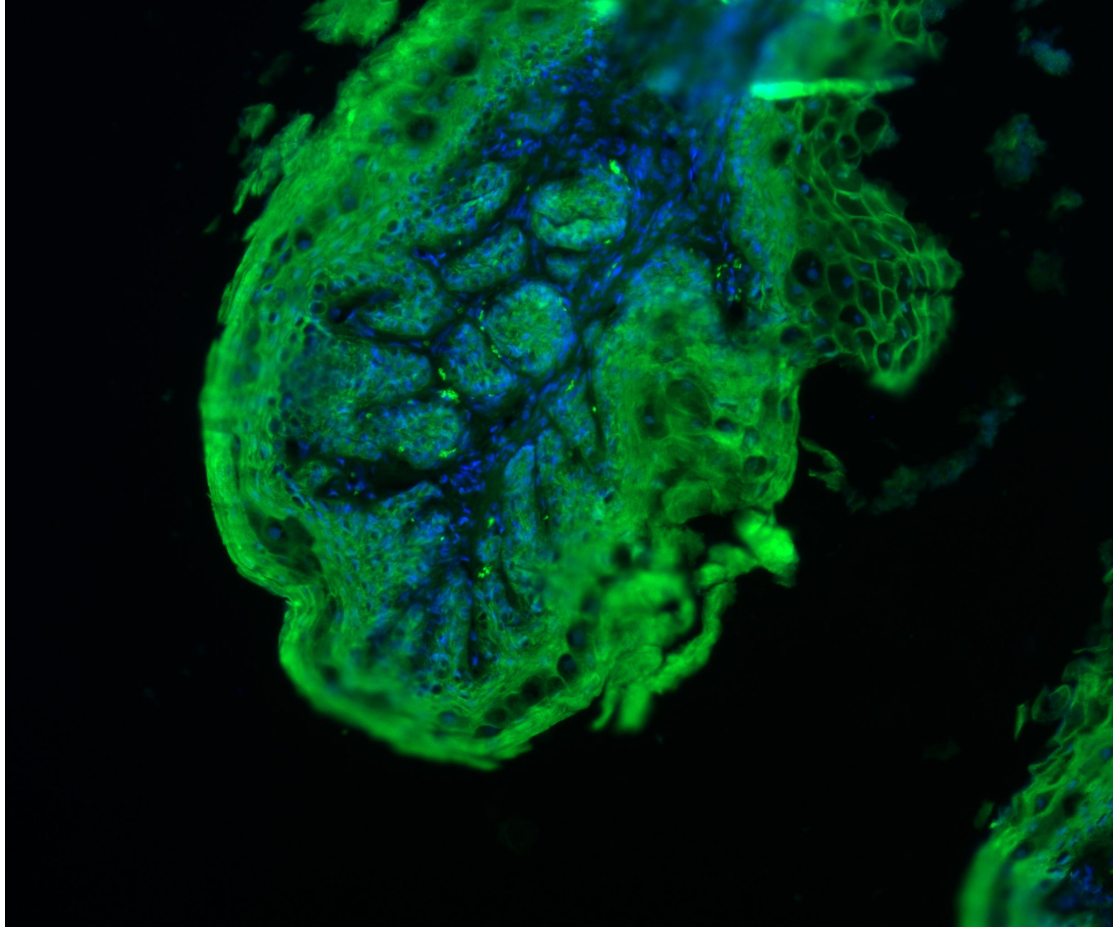
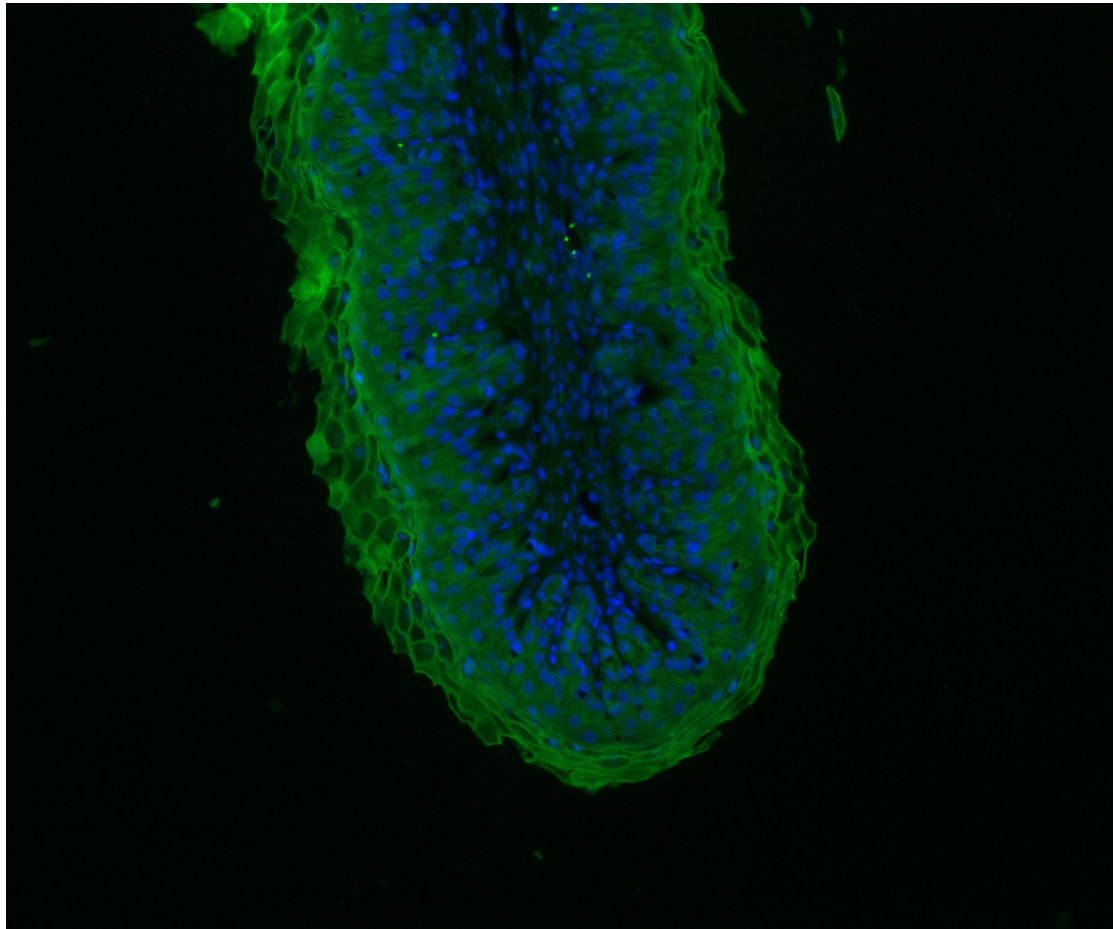




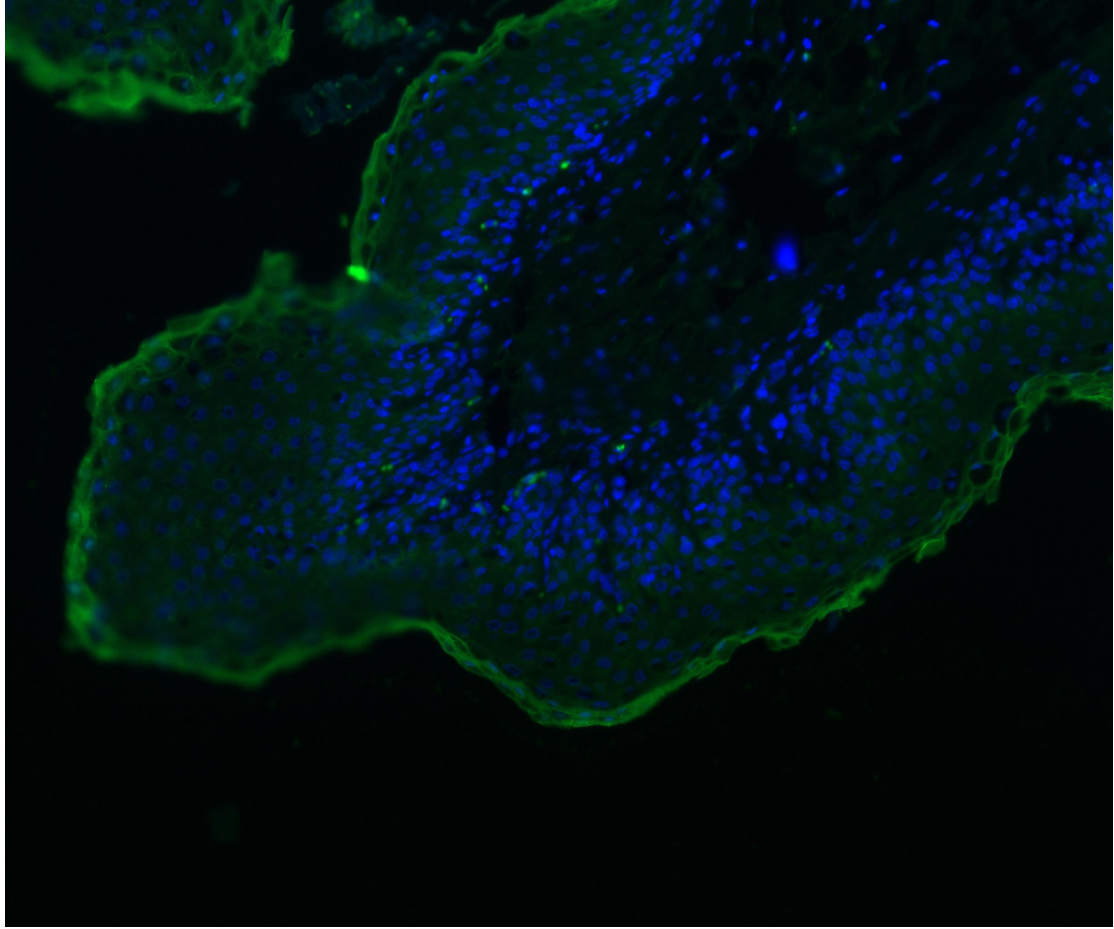
Claudin-1 immunofluorescence staining of Saccus ruminis dorsalis in the CON group.



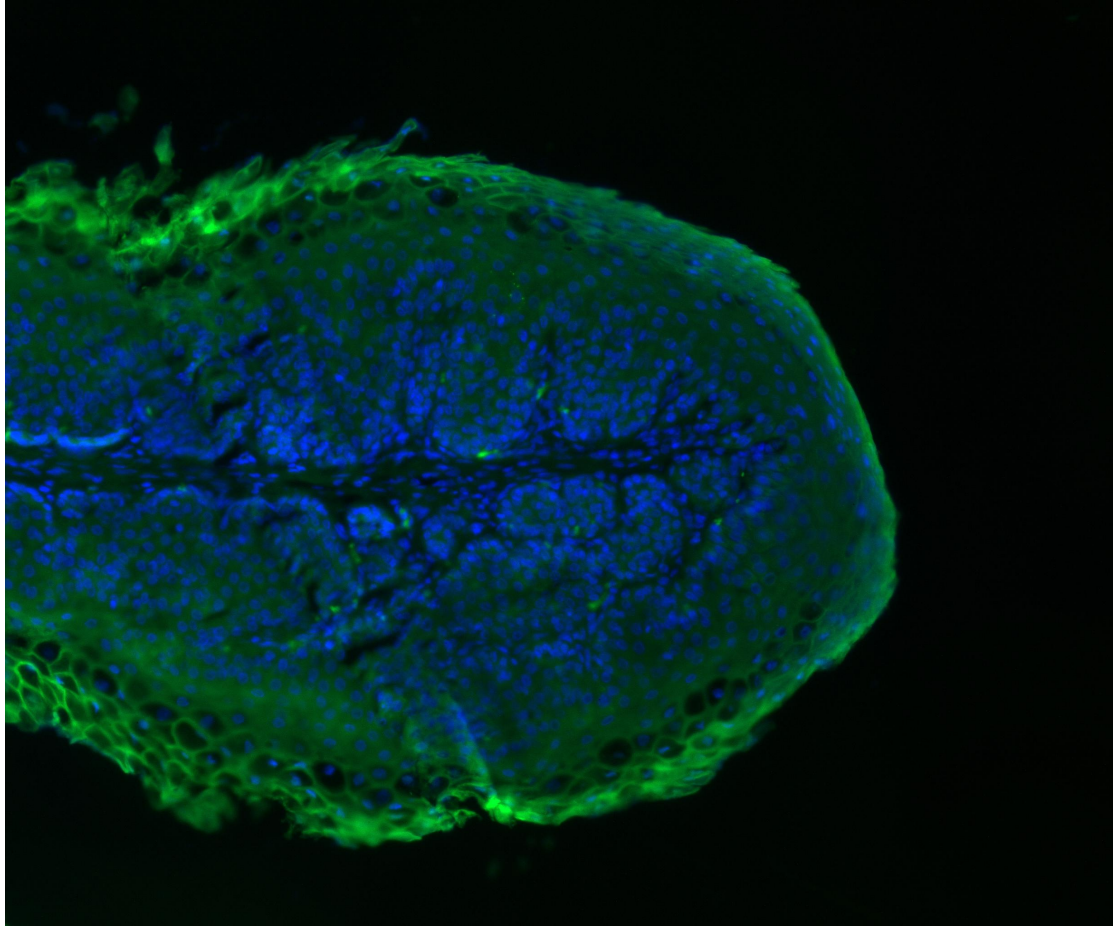
Claudin-1 immunofluorescence staining of Saccus ruminis dorsalis in the SARA group.



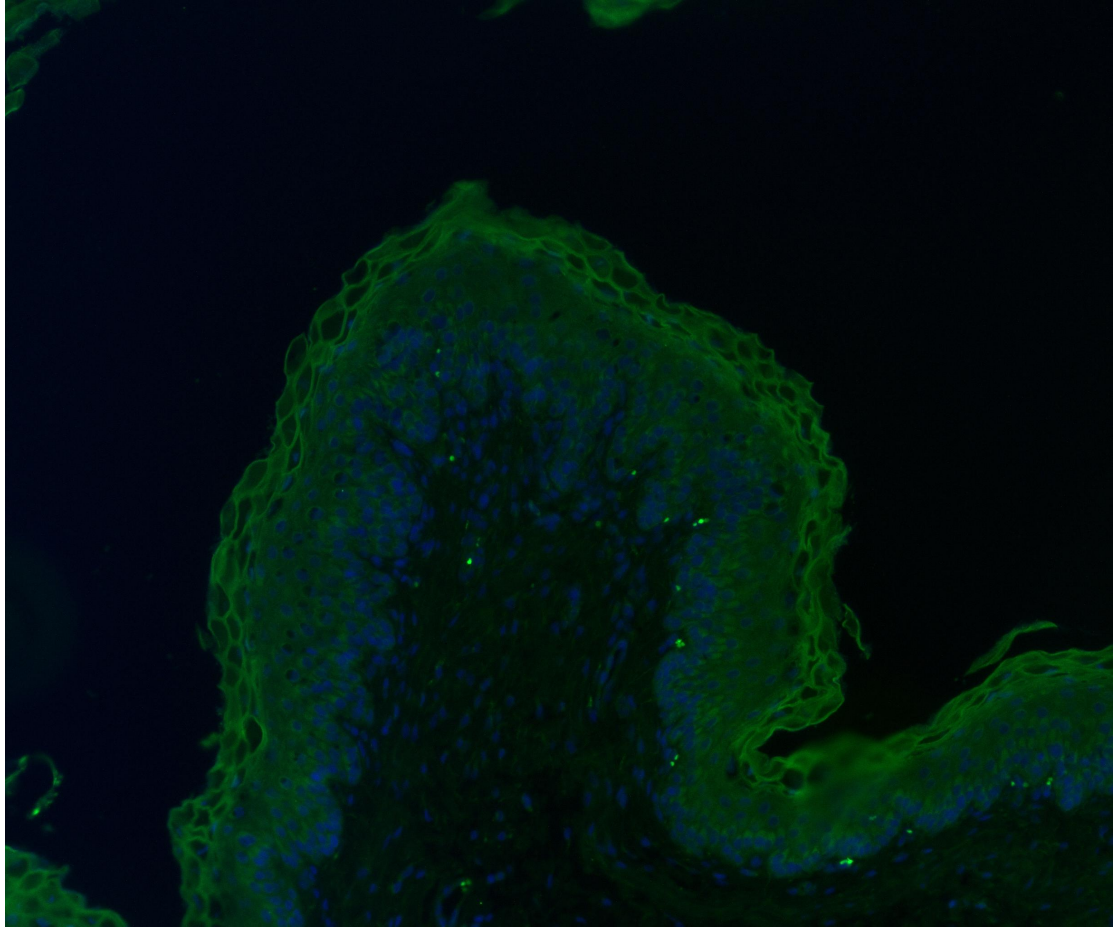
Claudin-1 immunofluorescence staining of Saccus ruminis dorsalis in the TRE group.



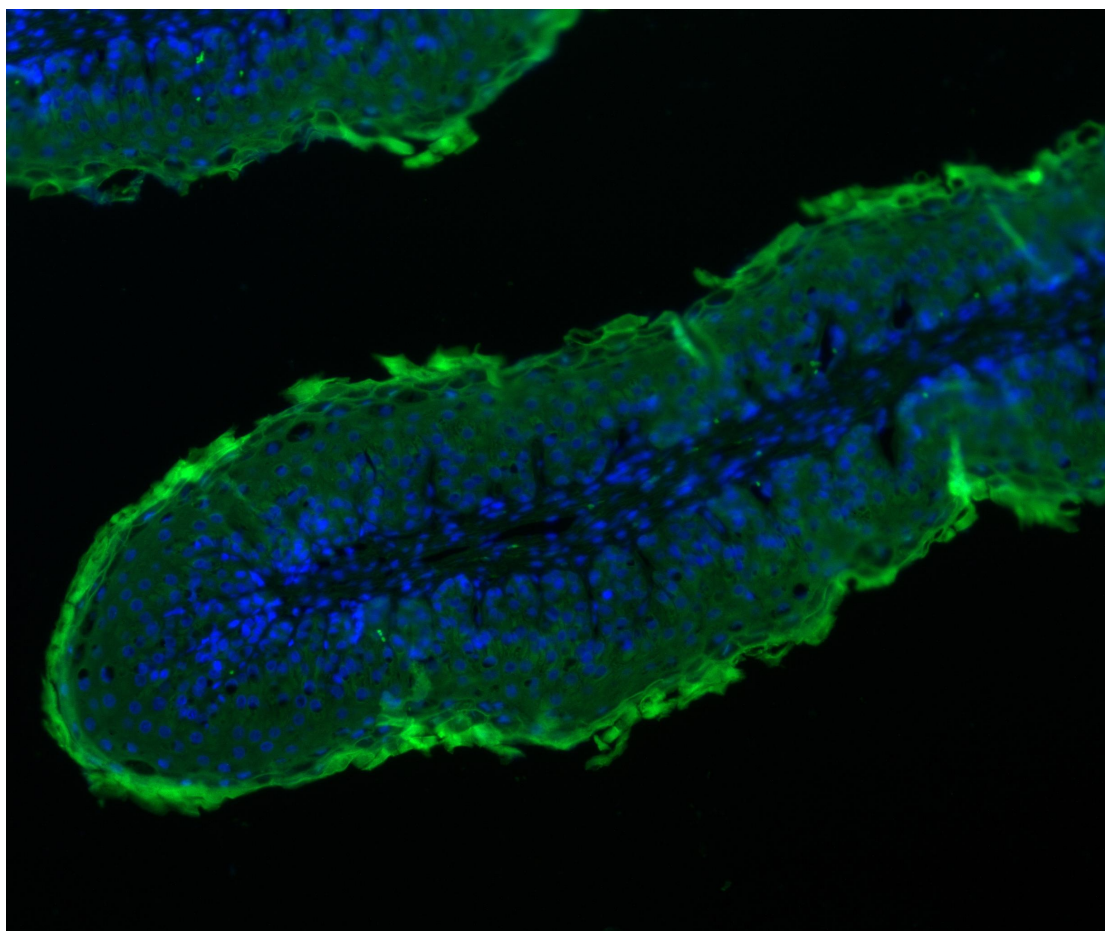
Claudin-1 immunofluorescence staining of Saccus ruminis ventralis in the CON group.



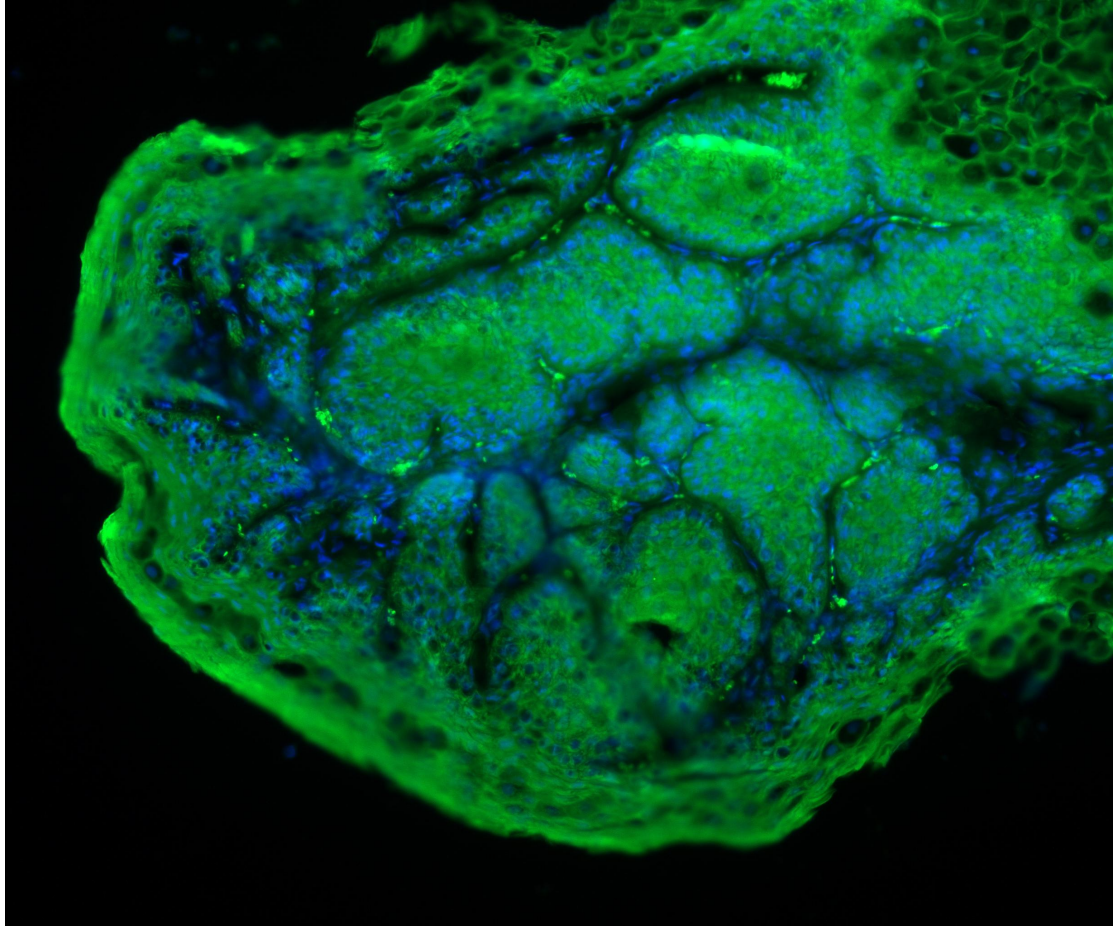
Claudin-1 immunofluorescence staining of Saccus ruminis ventralis in the SARA group.



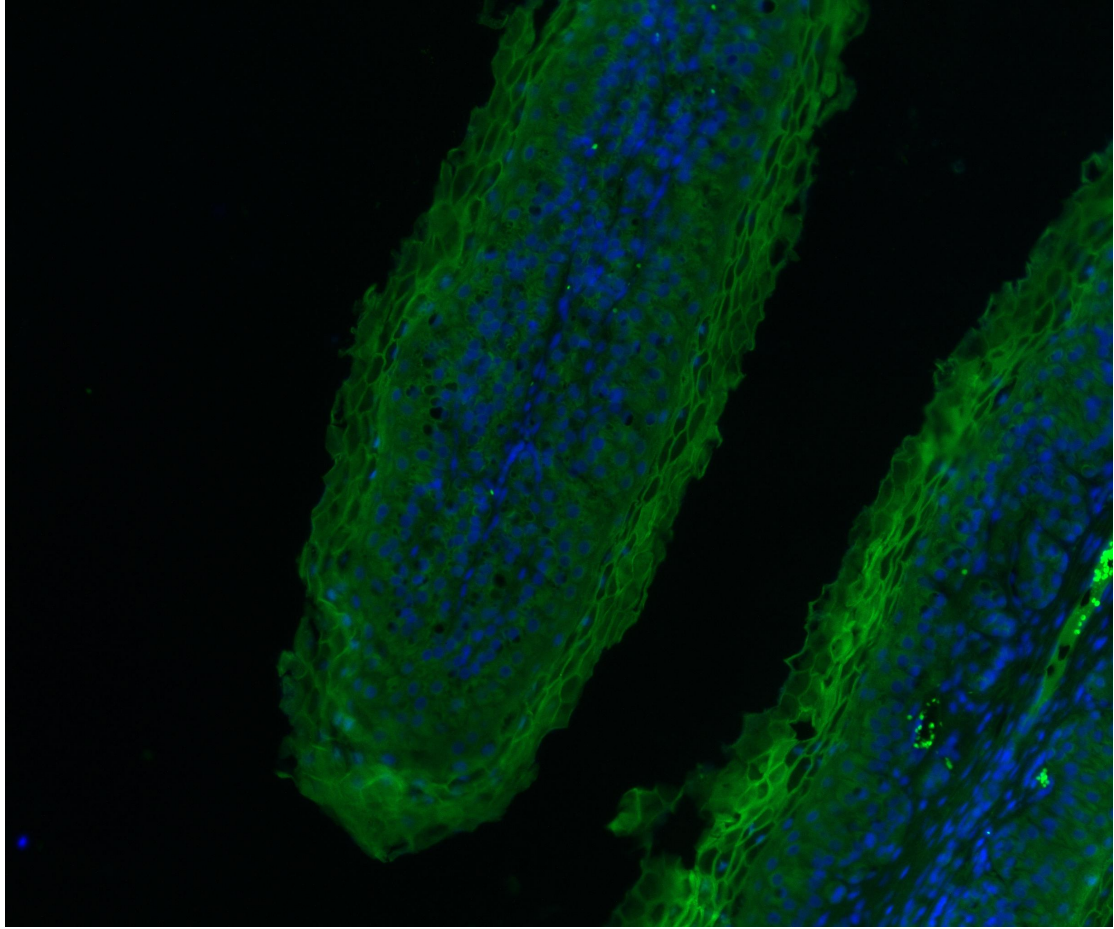
Claudin-1 immunofluorescence staining of Saccus ruminis ventralis in the TRE group.



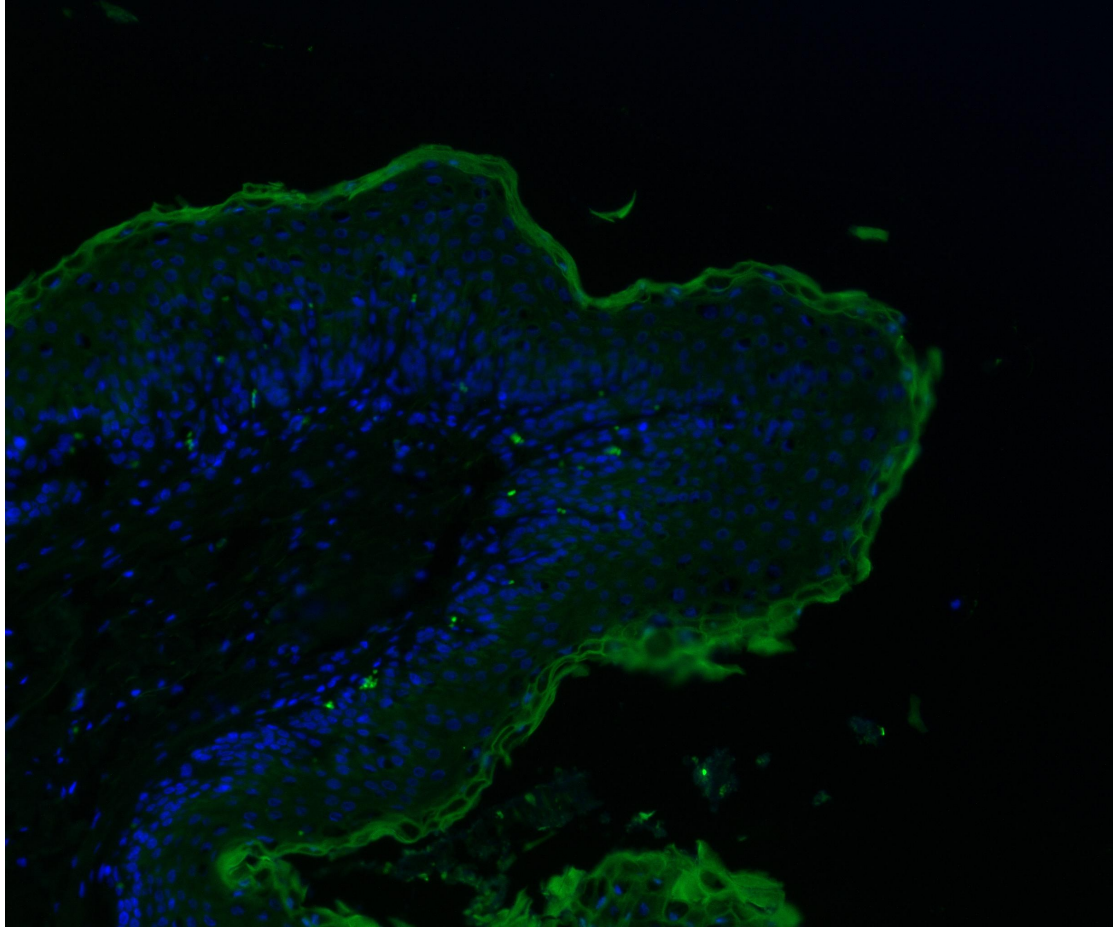
Occludin immunofluorescence staining of Saccus ruminis dorsalis in the CON group.



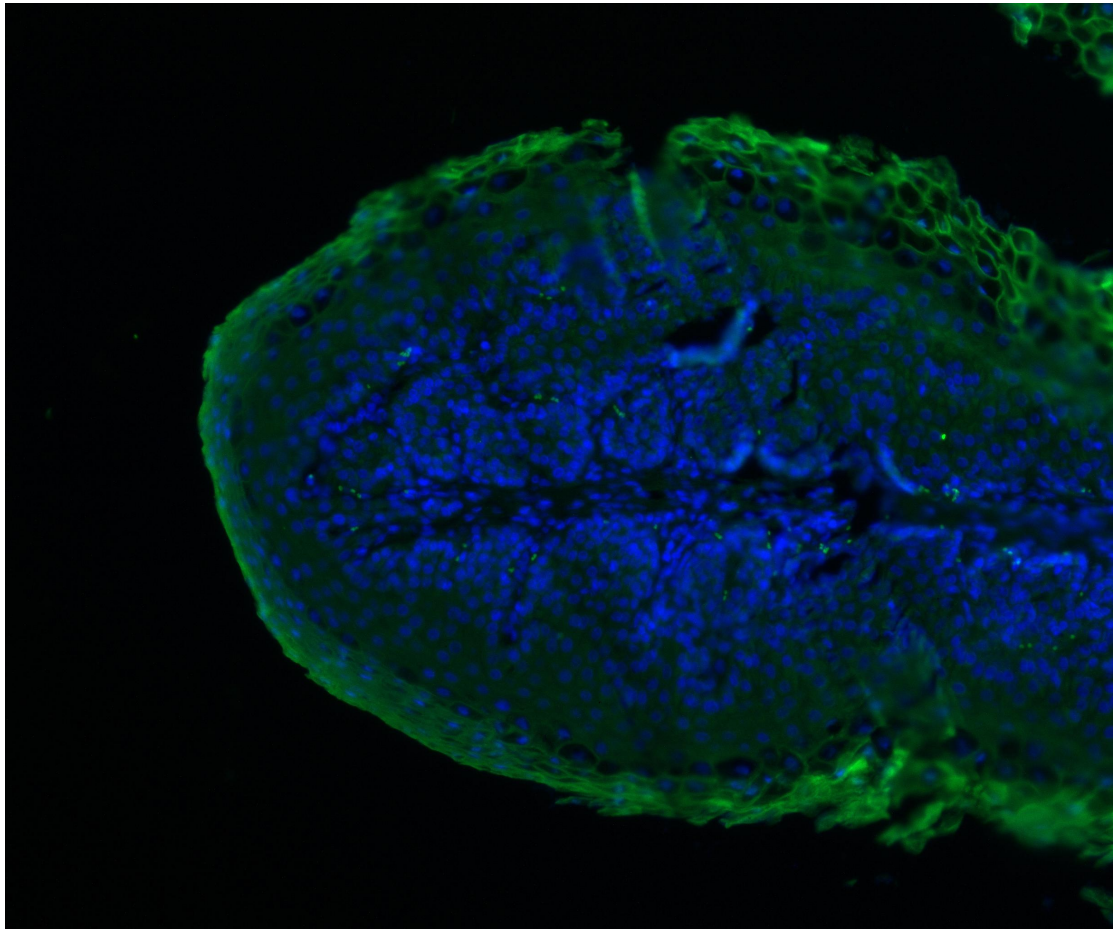
Occludin immunofluorescence staining of Saccus ruminis dorsalis in the SARA group.



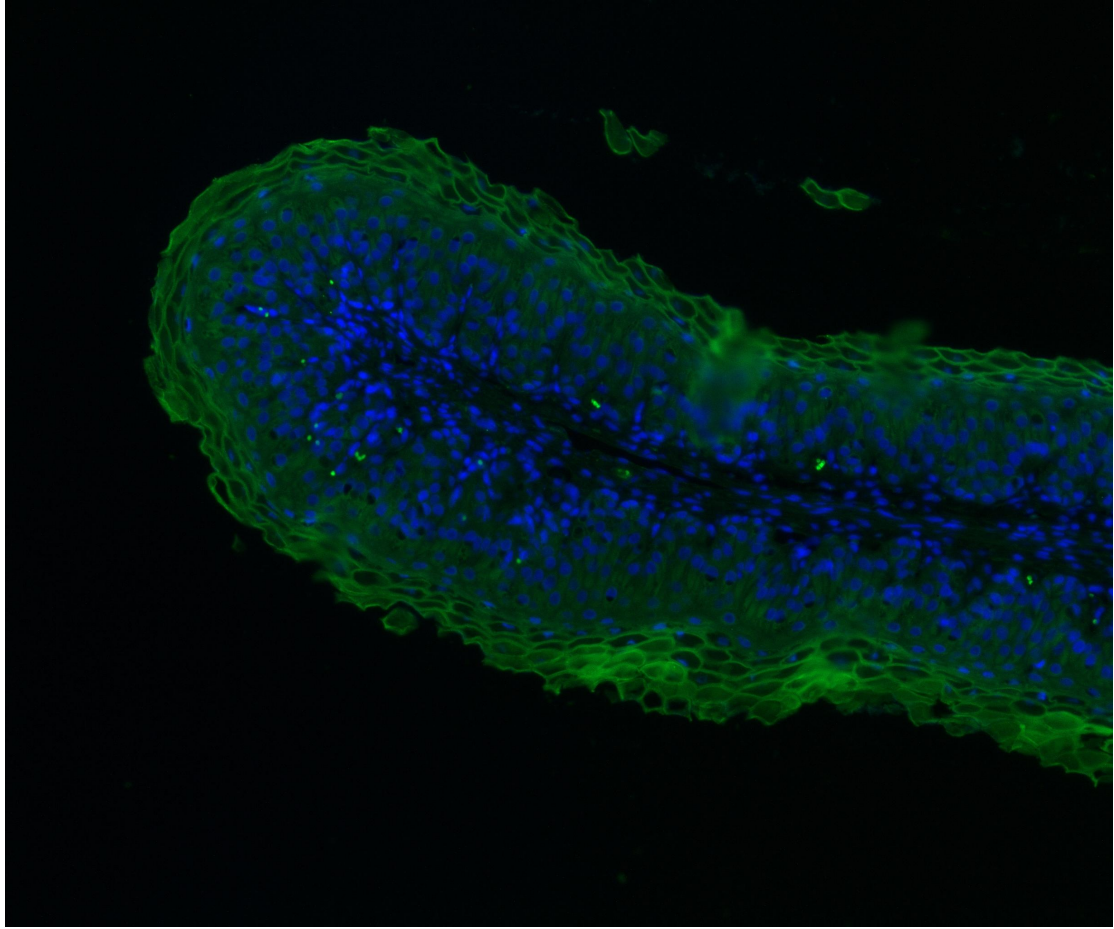
Occludin immunofluorescence staining of Saccus ruminis dorsalis in the TRE group.



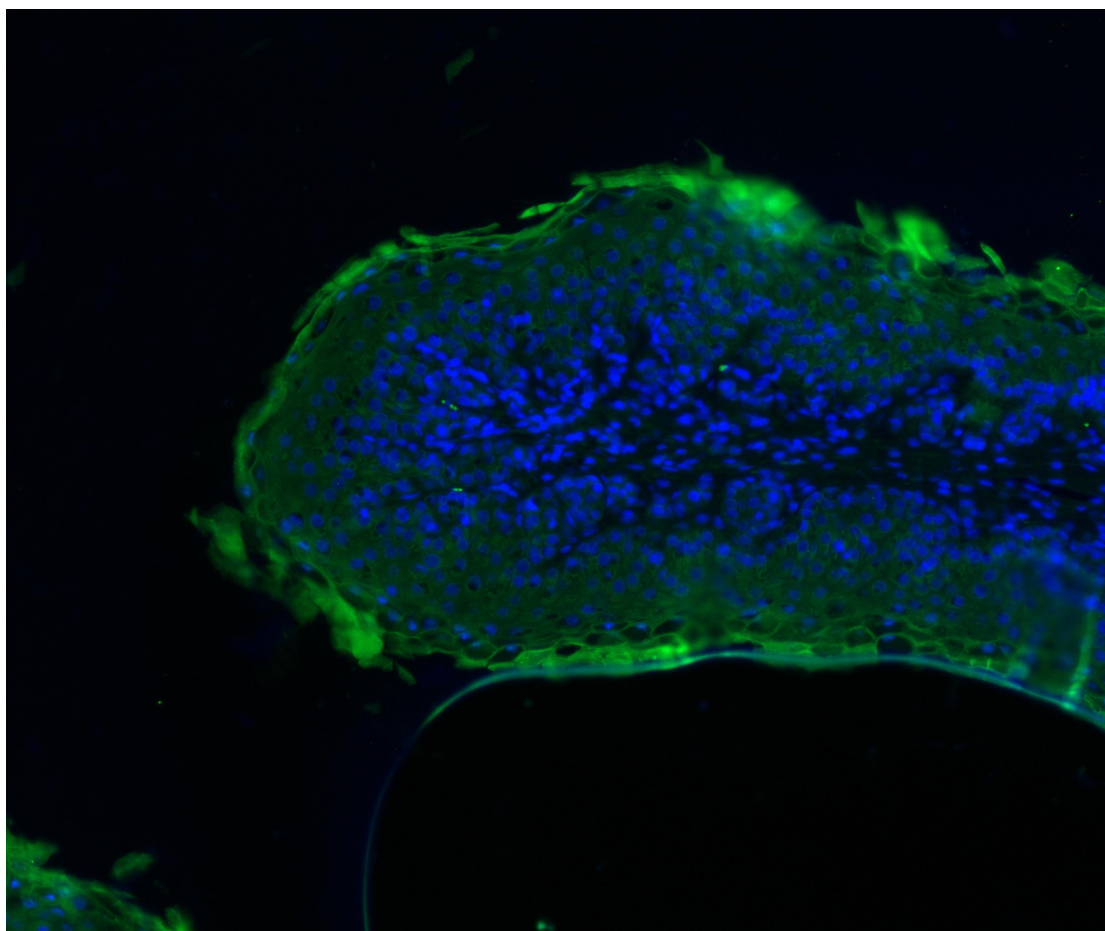
Occludin immunofluorescence staining of Saccus ruminis ventralis in the CON group.



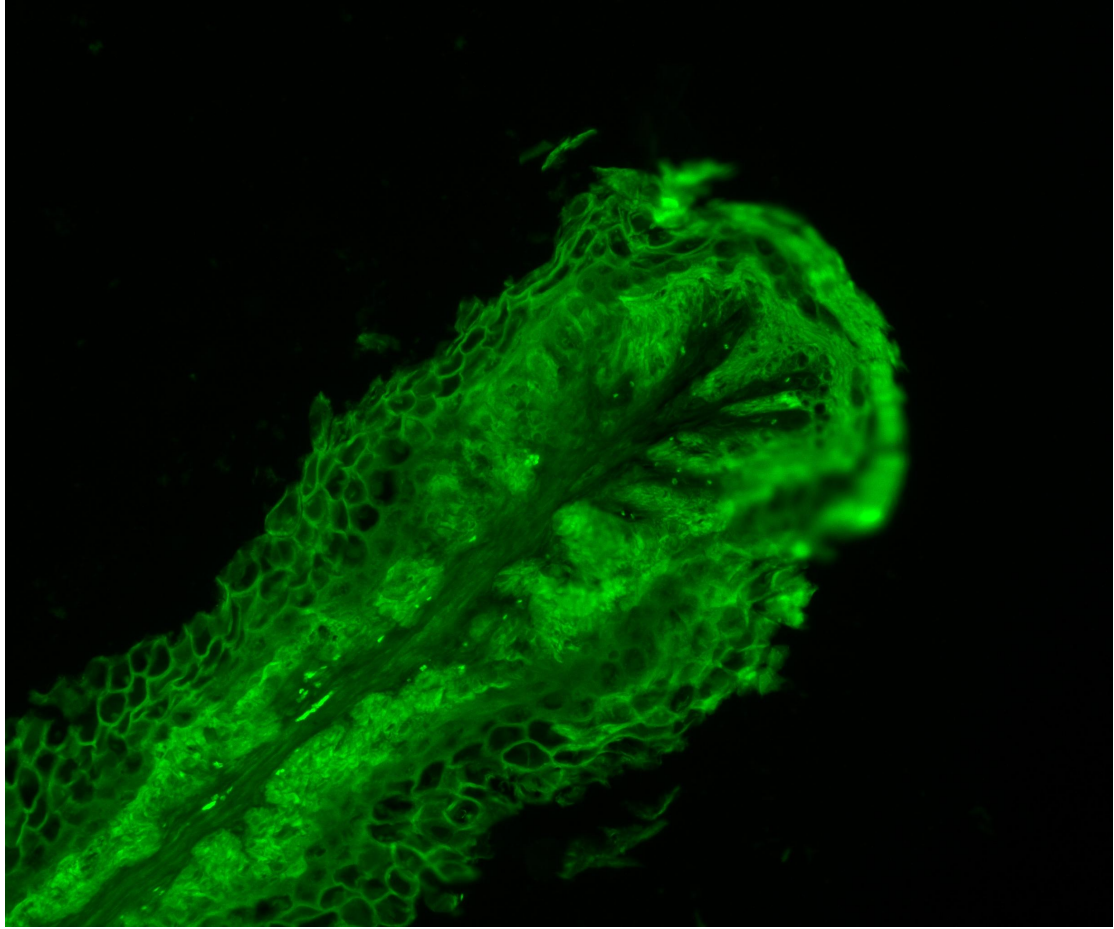
Occludin immunofluorescence staining of Saccus ruminis ventralis in the SARA group.



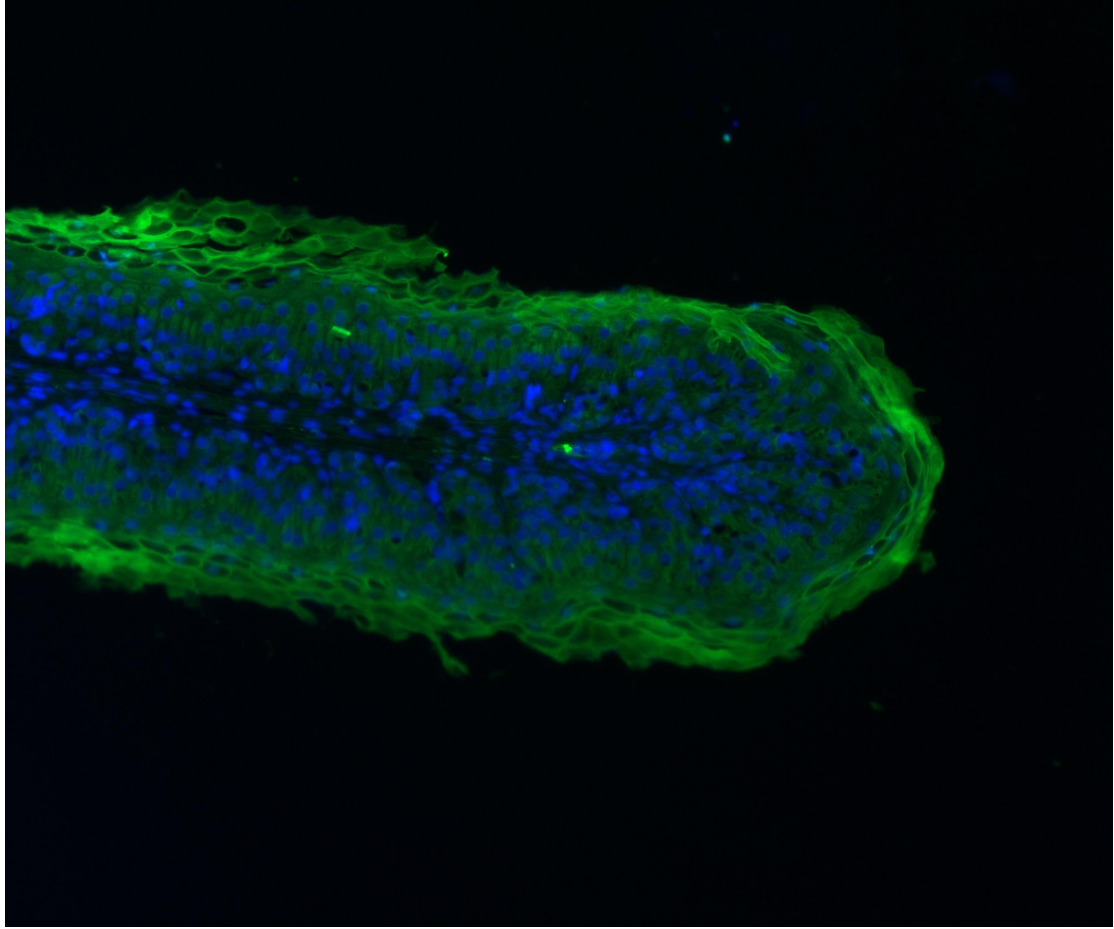
Occludin immunofluorescence staining of Saccus ruminis ventralis in the TRE group.



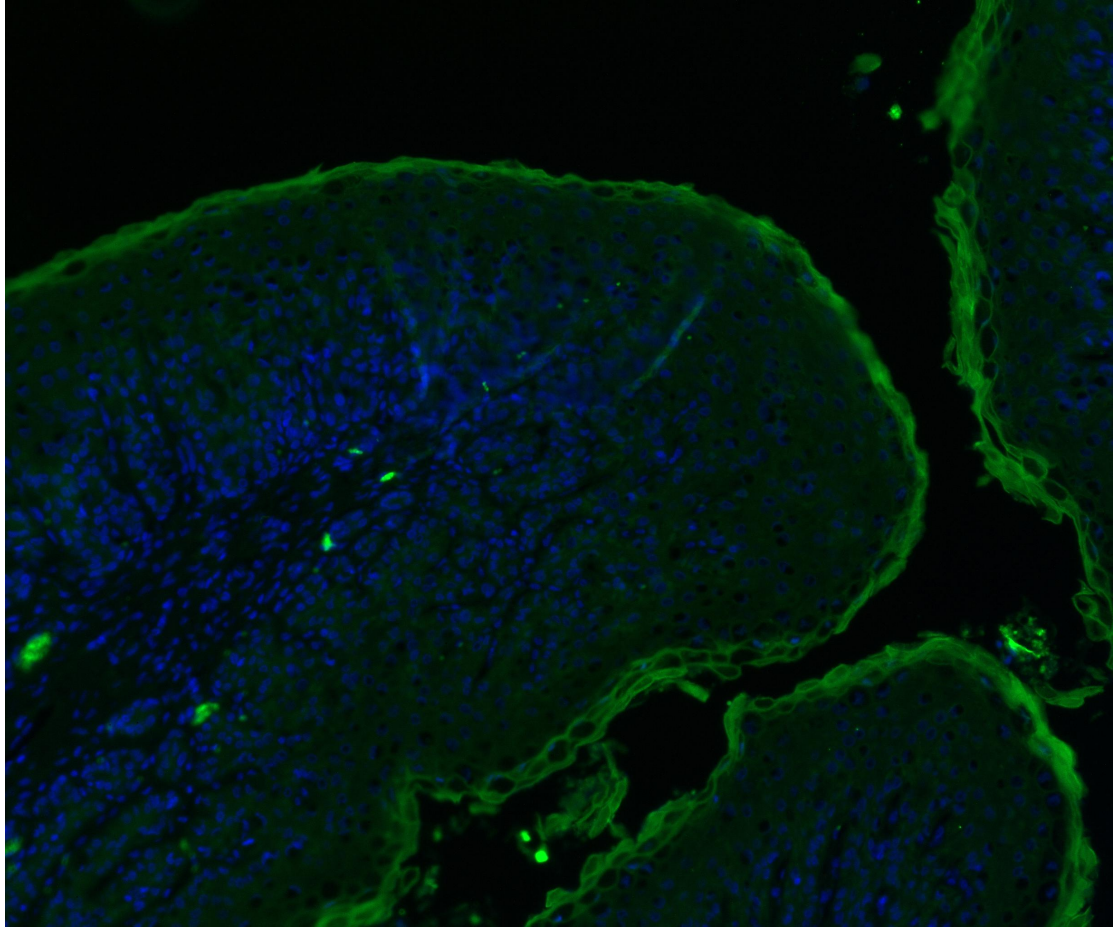
LC-3 immunofluorescence staining of Saccus ruminis dorsalis
in the CON group.



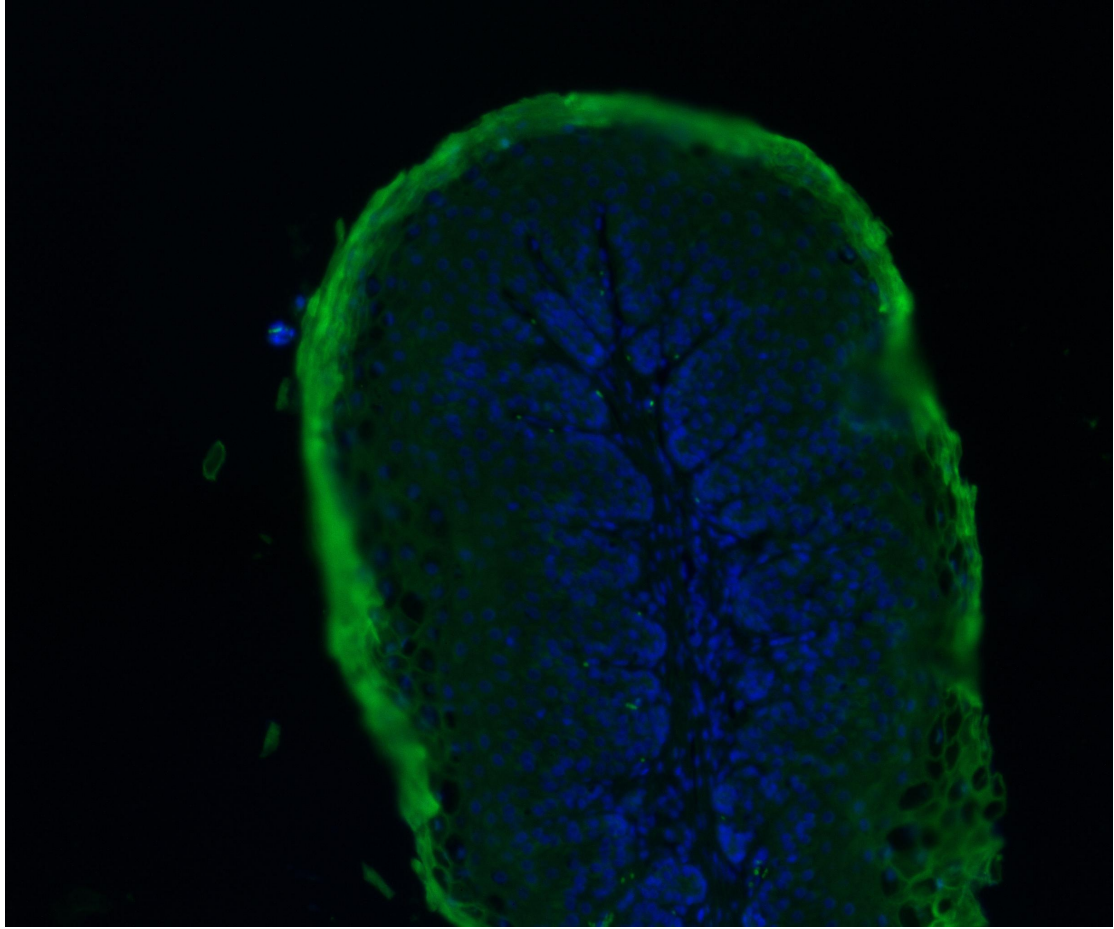
LC-3 immunofluorescence staining of Saccus ruminis dorsalis
in the SARA group.



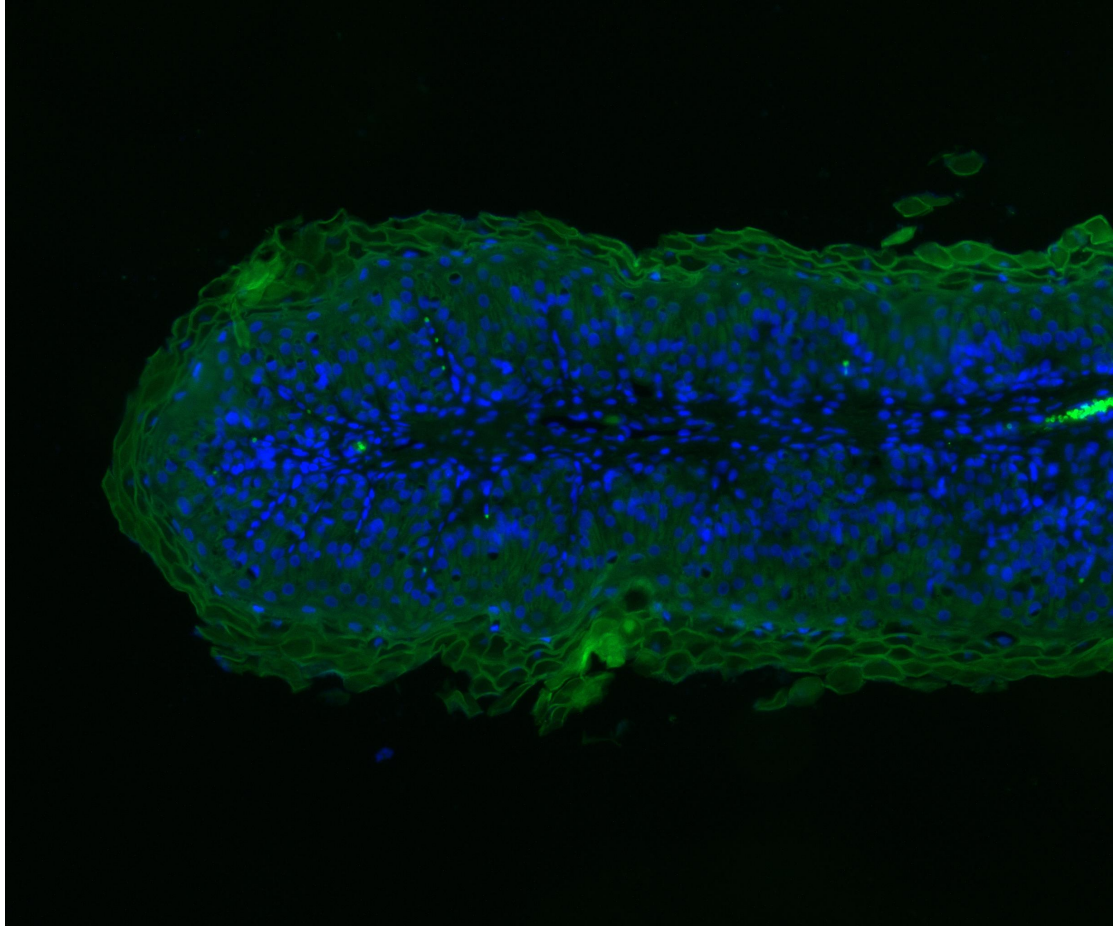
LC-3 immunofluorescence staining of Saccus ruminis dorsalis
in the TRE group.



LC-3 immunofluorescence staining of Saccus ruminis ventralis in the CON group.



LC-3 immunofluorescence staining of Saccus ruminis ventralis in the SARA group.



LC-3 immunofluorescence staining of Saccus ruminis ventralis in the TRE group.