

SKML overview of EQAS

Morphology External Quality Assessment Scheme

- Part 1: blood parasites
- Part 2: faecal and tissue parasites
- Last slide: names and details of parasites

(C) SKML section parasitology

For training and education purpose only

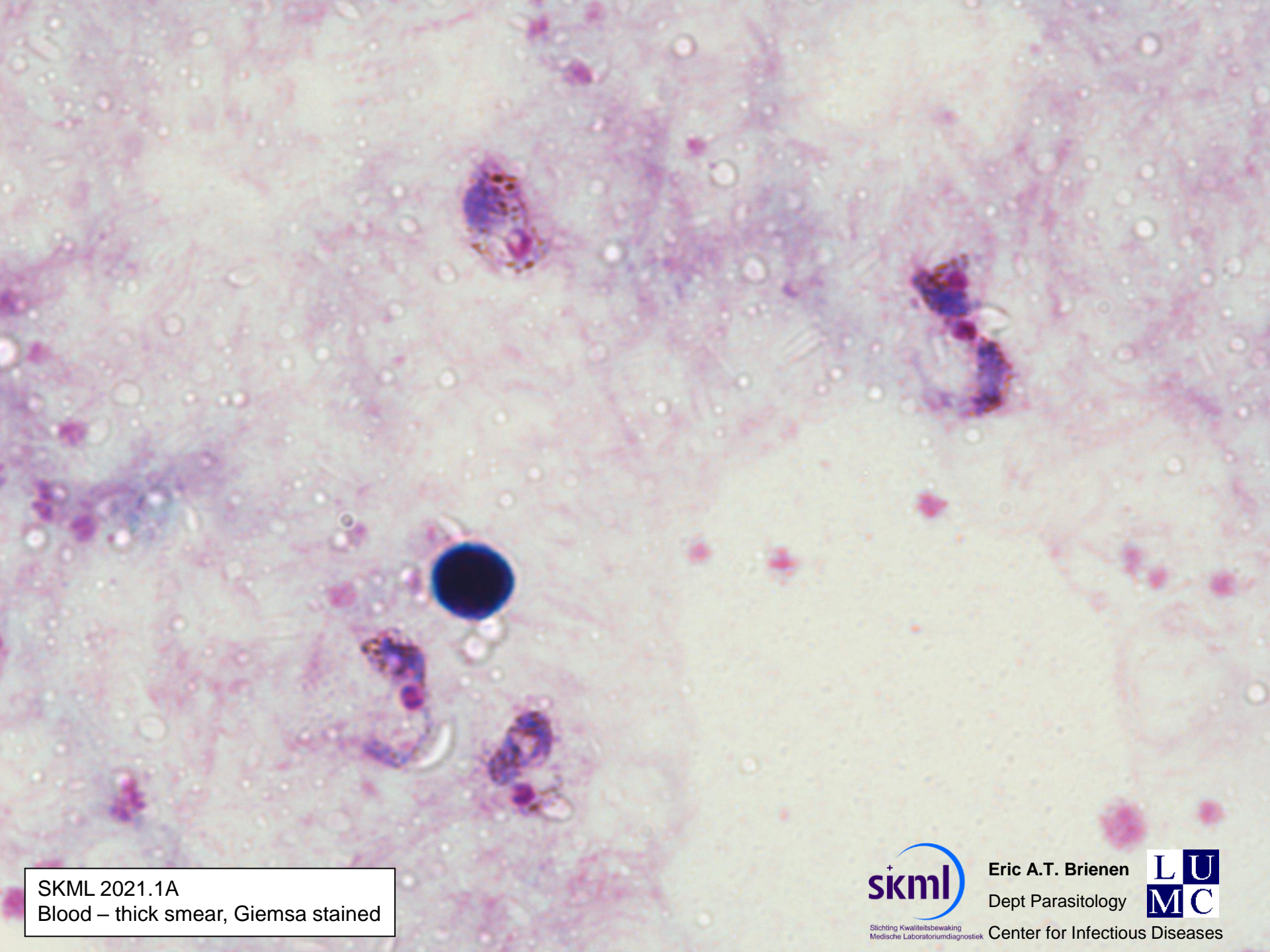
Please acknowledge:



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NB: a separate file is provided with the name of the parasite depicted on each slide



SKML 2021.1A
Blood – thick smear, Giemsa stained



SKML 2021.1A
Blood – thin smear, Giemsa stained



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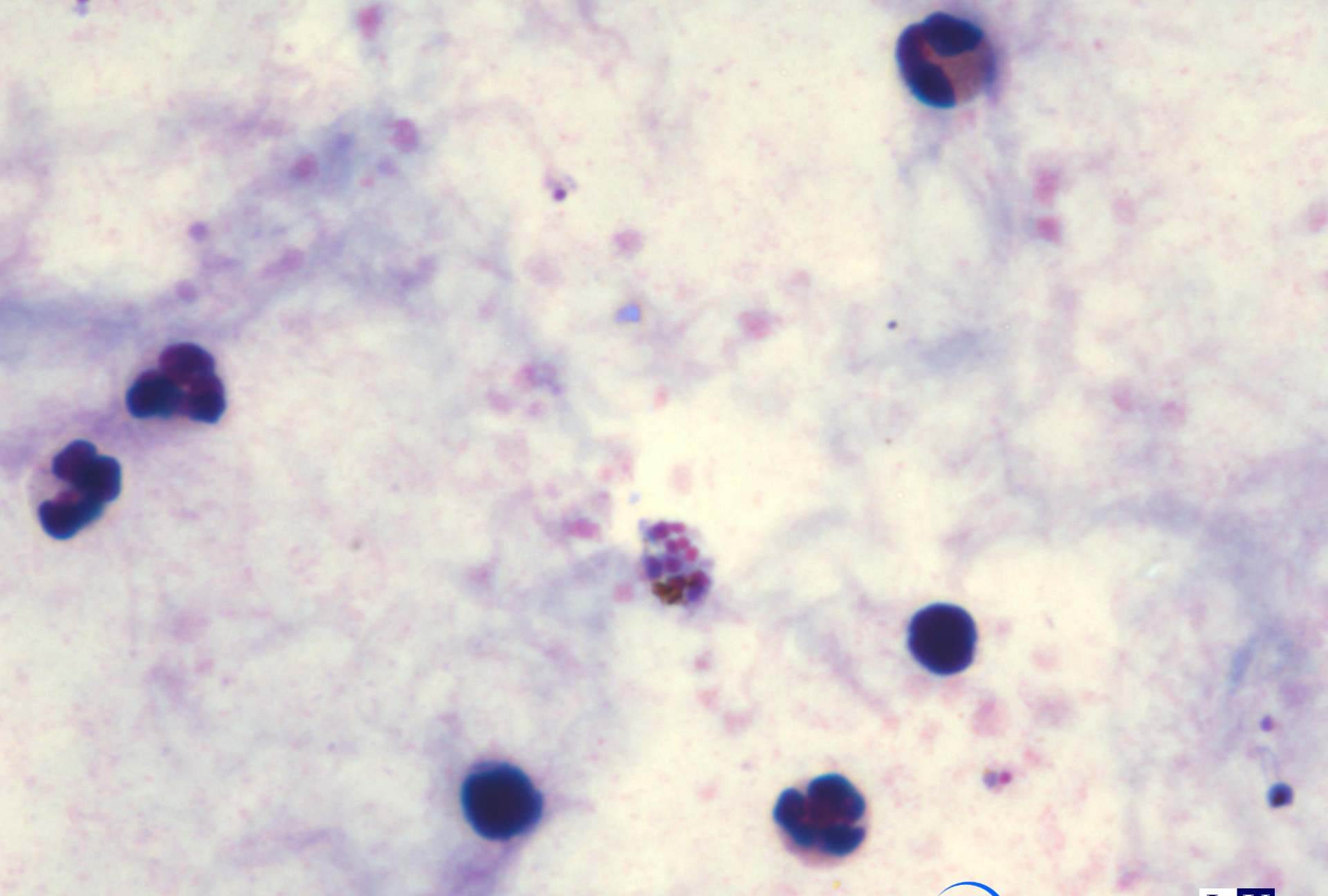
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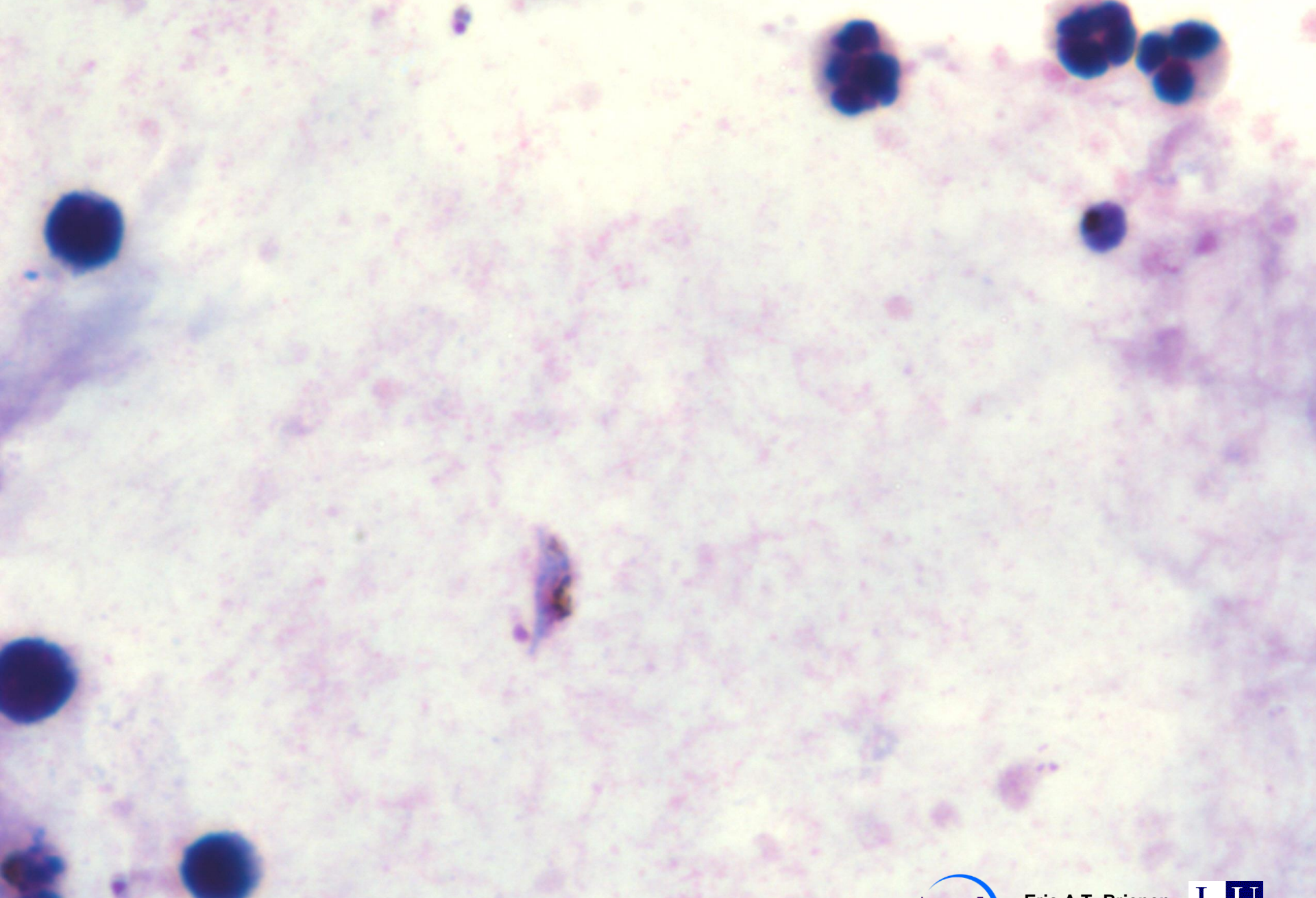
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SKML 2021.1A
Blood – thin smear, Giemsa stained



SKML 2021.1B
Blood – thick smear, Giemsa stained



SKML 2021.1B
Blood – thick smear, Giemsa stained

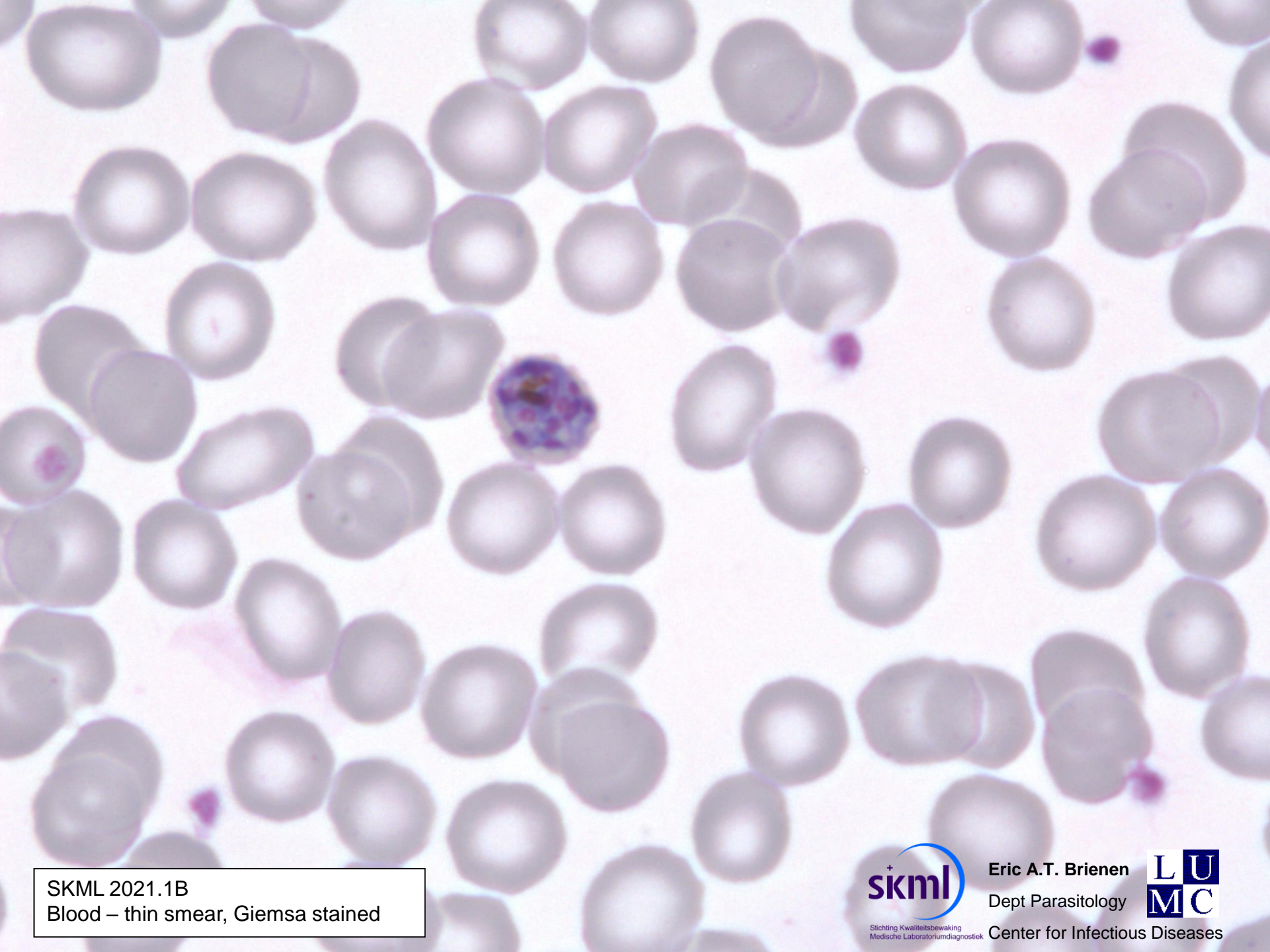


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SKML 2021.1B
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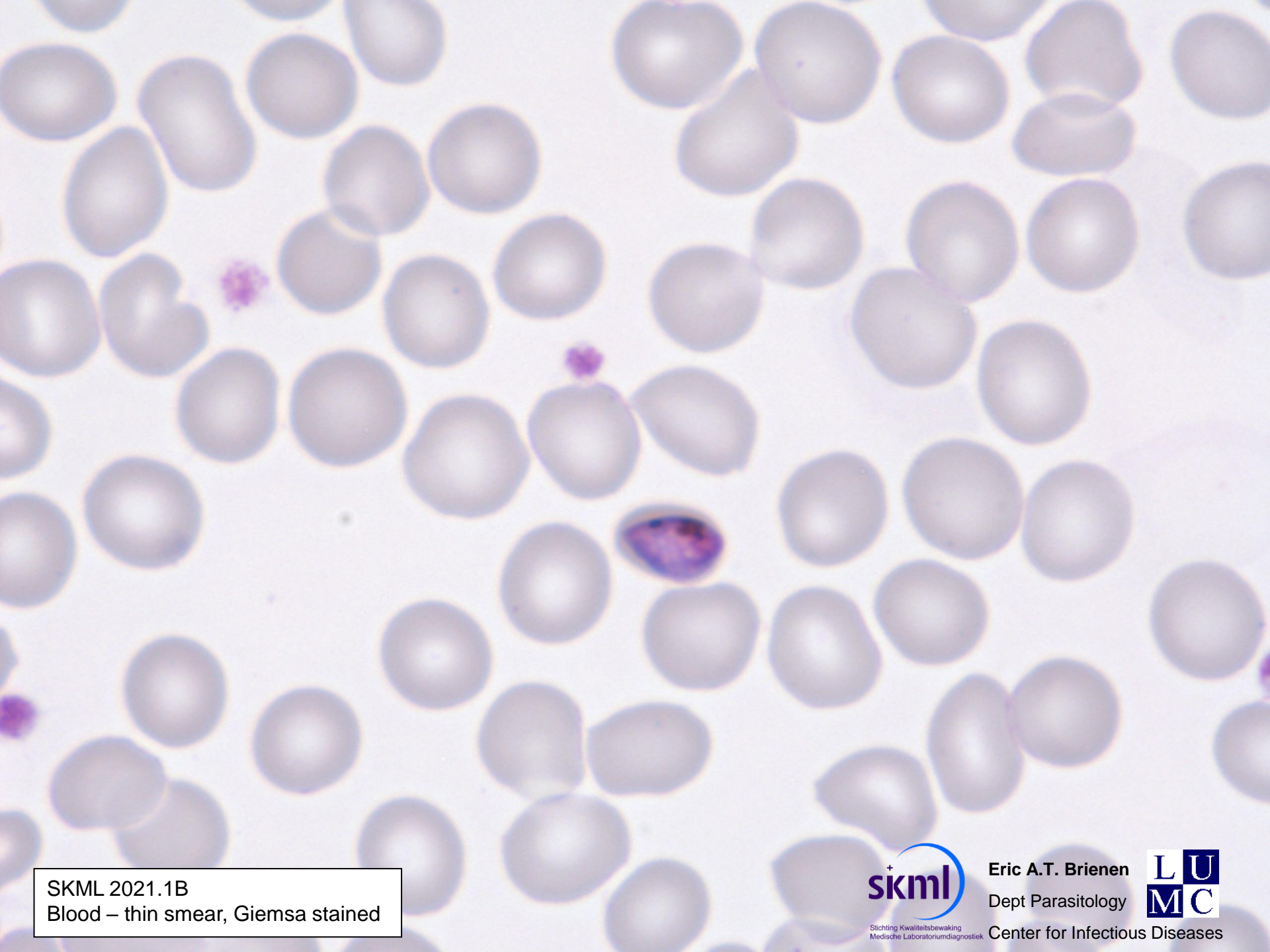


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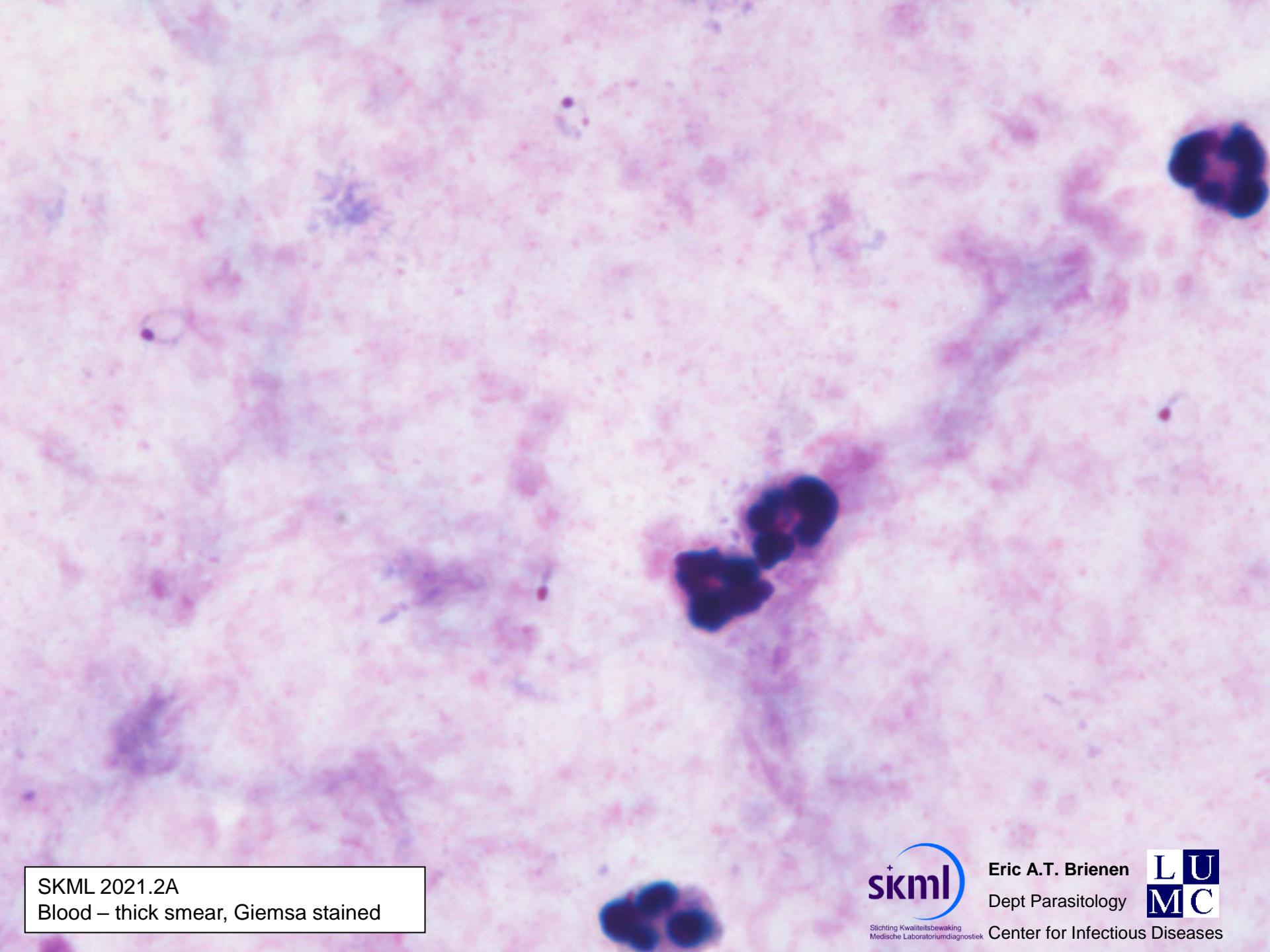
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Blood – thin smear, Giemsa stained



SKML 2021.1B
Blood – thin smear, Giemsa stained



SKML 2021.1B
Blood – thin smear, Giemsa stained



SKML 2021.2A
Blood – thick smear, Giemsa stained



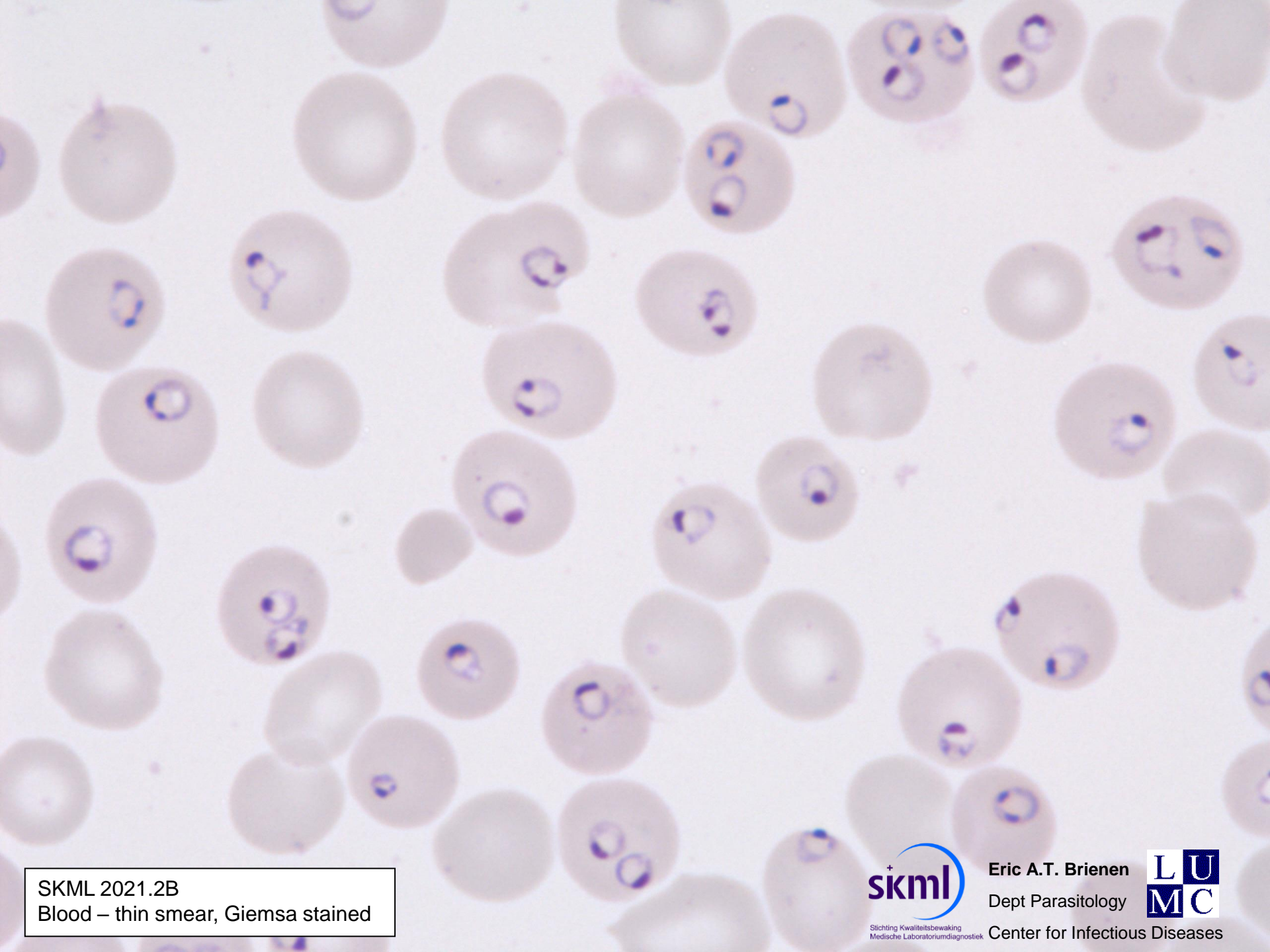
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SKML 2021.2A
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SKML 2021.2B
Blood – thin smear, Giemsa stained

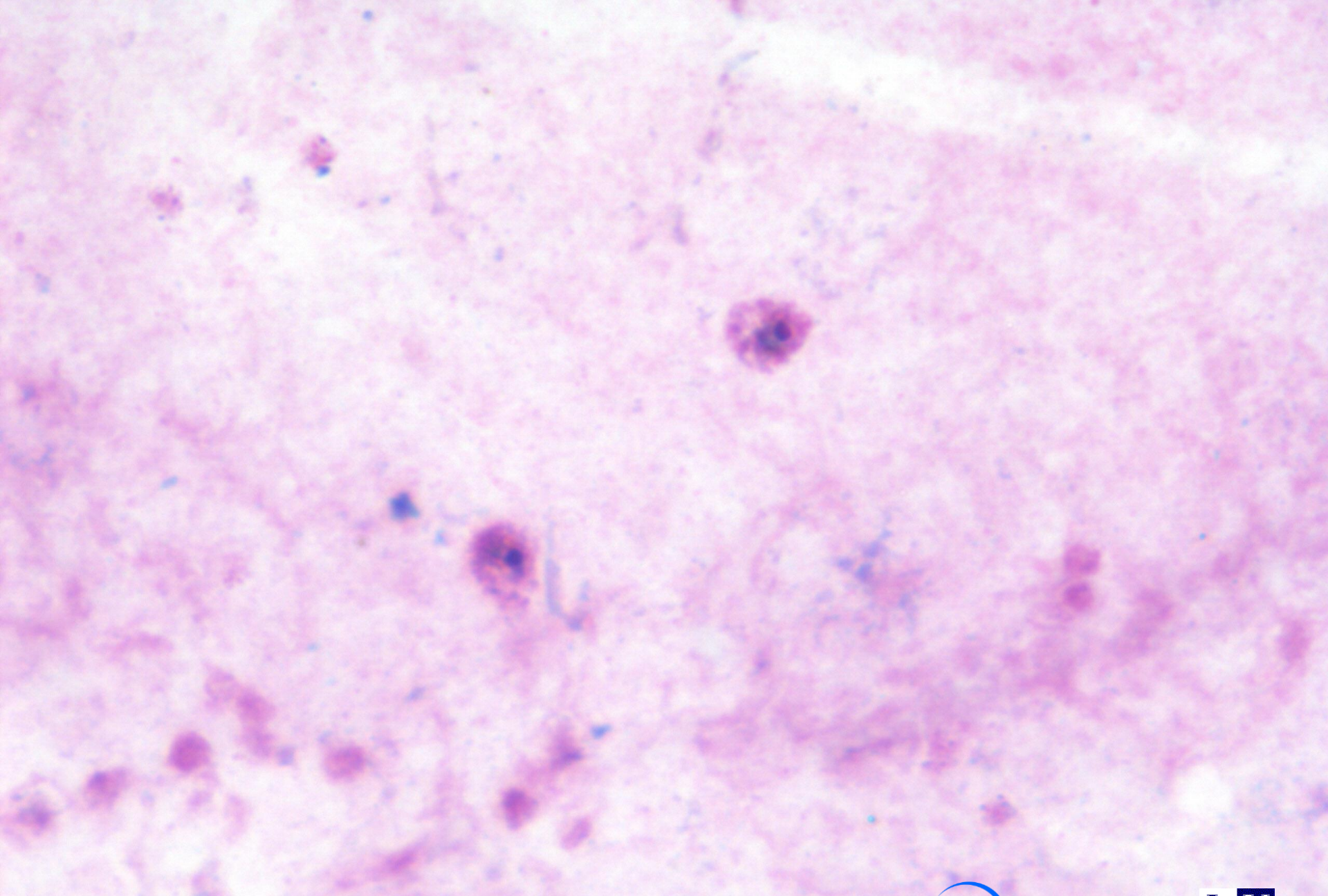


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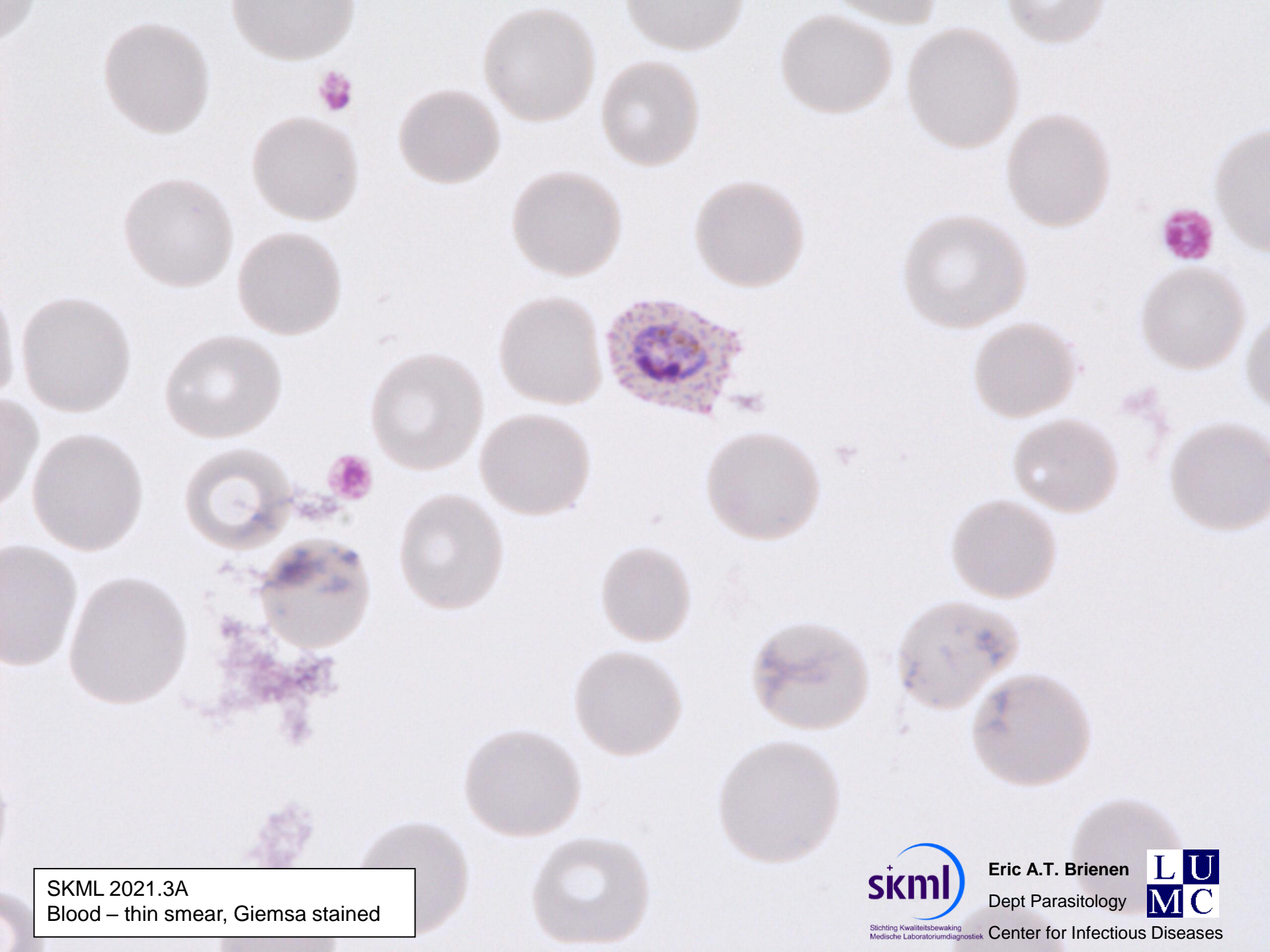
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Blood – thick smear, Giemsa stained



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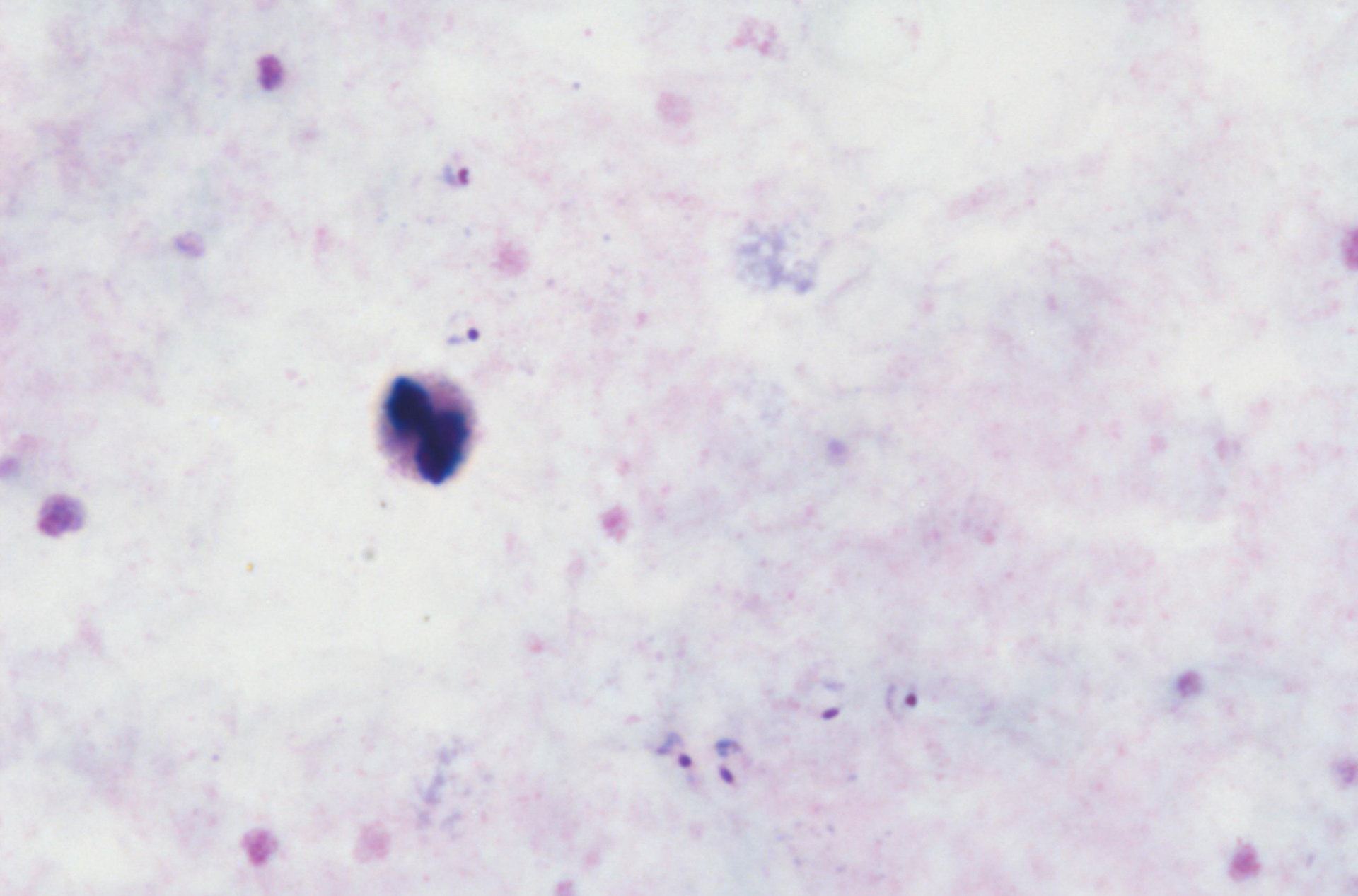
SKML 2021.3A
Blood – thin smear, Giemsa stained



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SKML 2021.3B
Blood – thick smear, Giemsa stained



SKML 2021.3B
Blood – thin smear, Giemsa stained

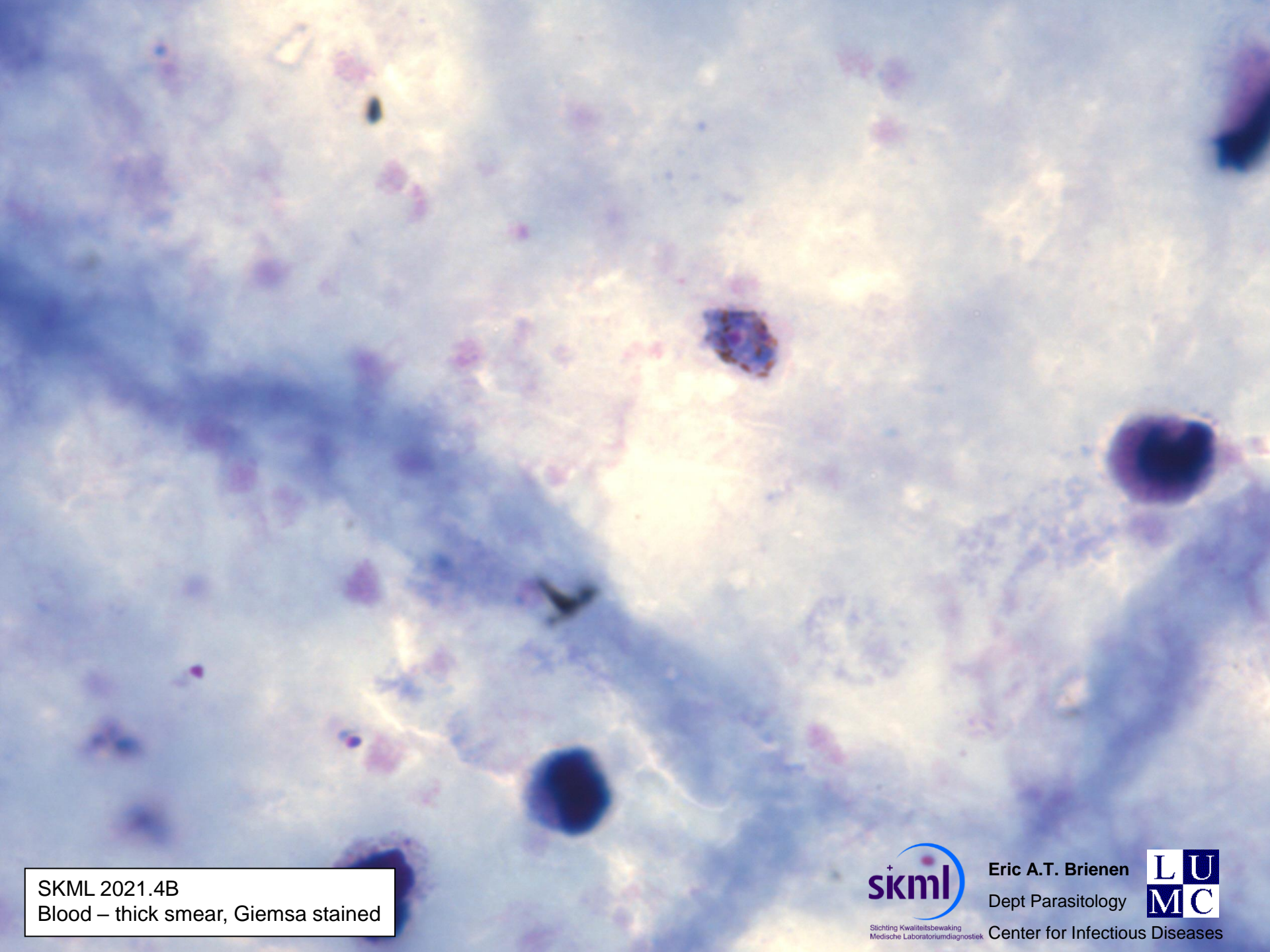


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SKML 2021.4B
Blood – thick smear, Giemsa stained

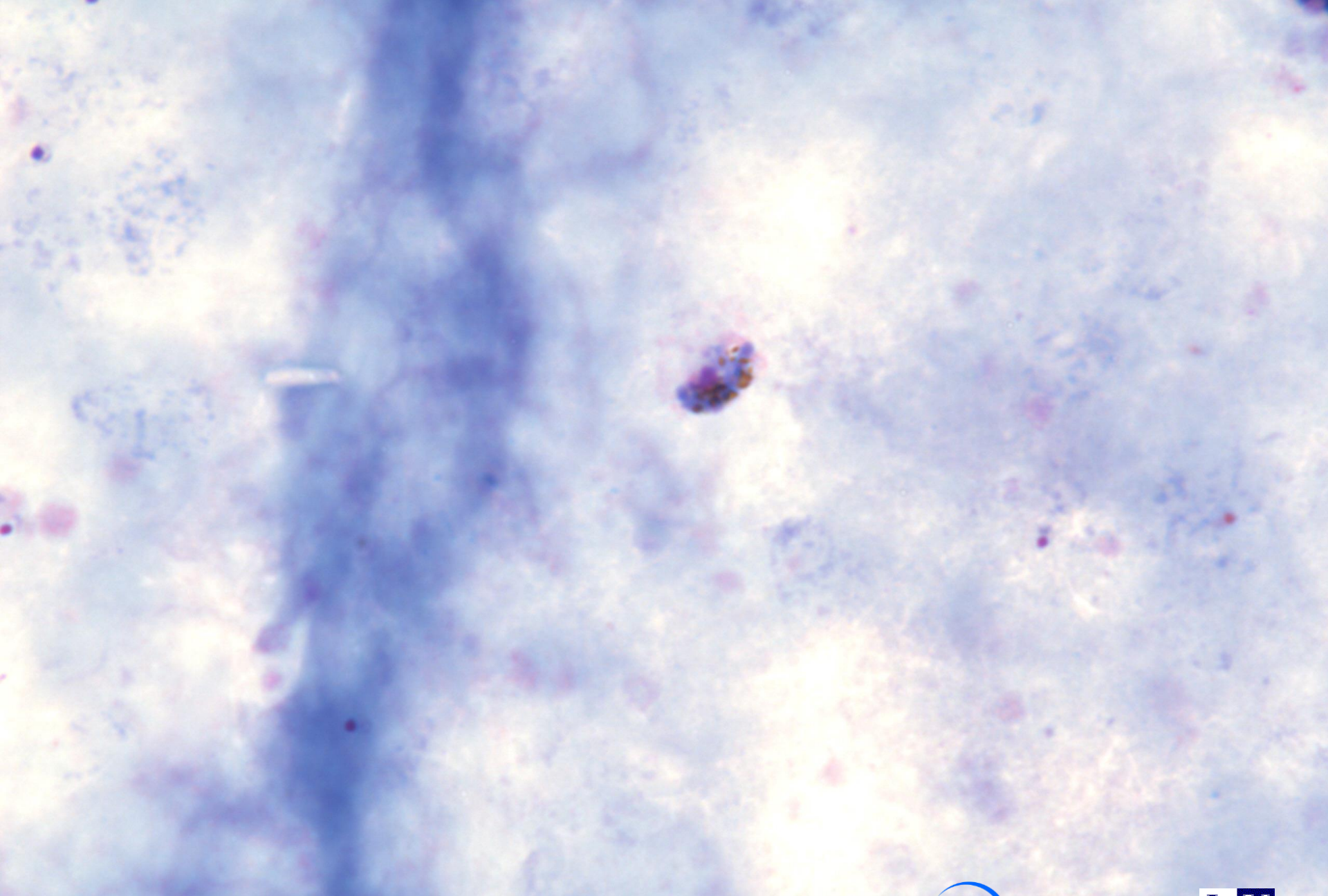


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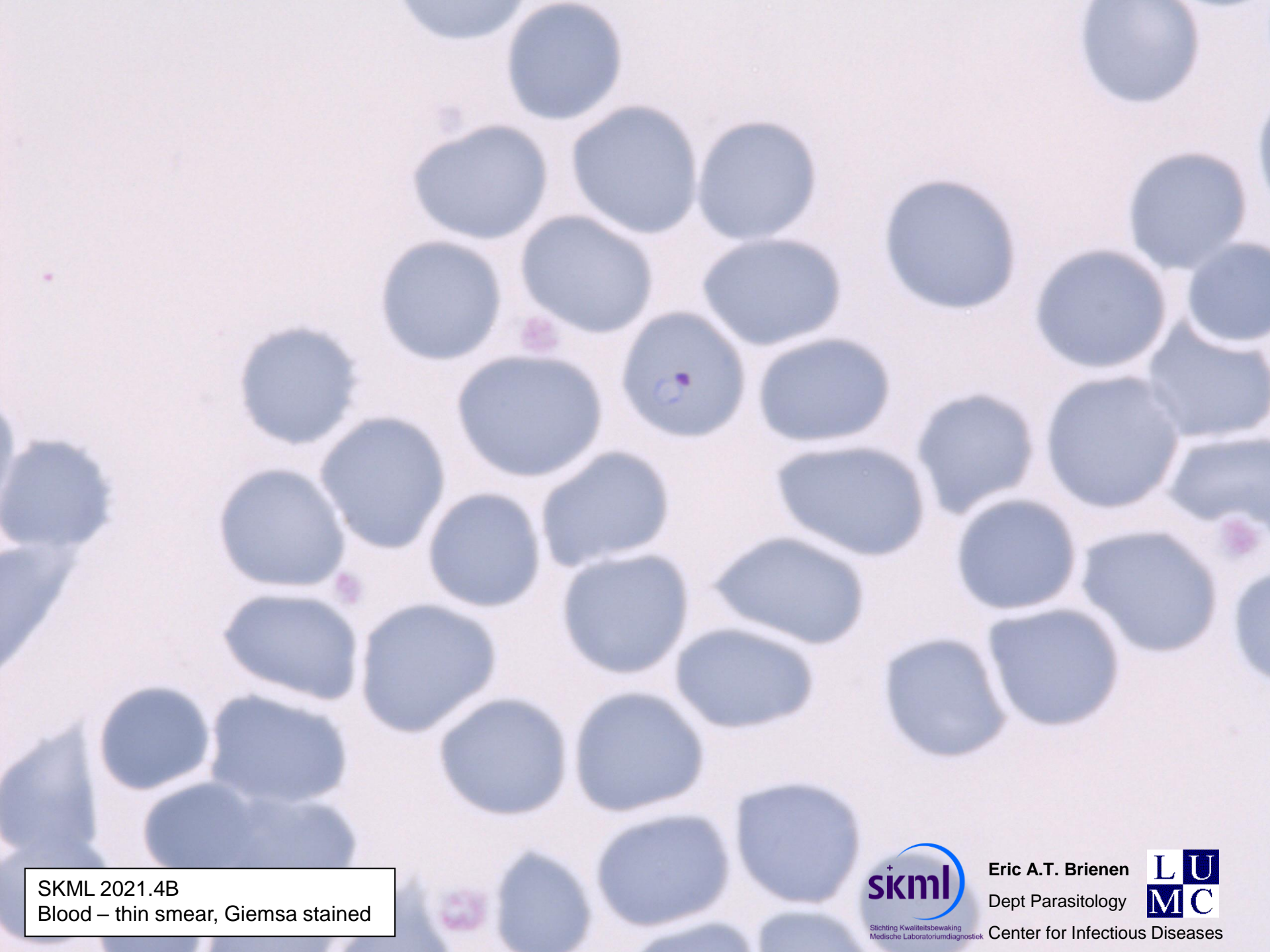
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SKML 2021.4B
Blood – thick smear, Giemsa stained



SKML 2021.4B
Blood – thin smear, Giemsa stained



SKML 2021.1A
Faeces – Iodine stained

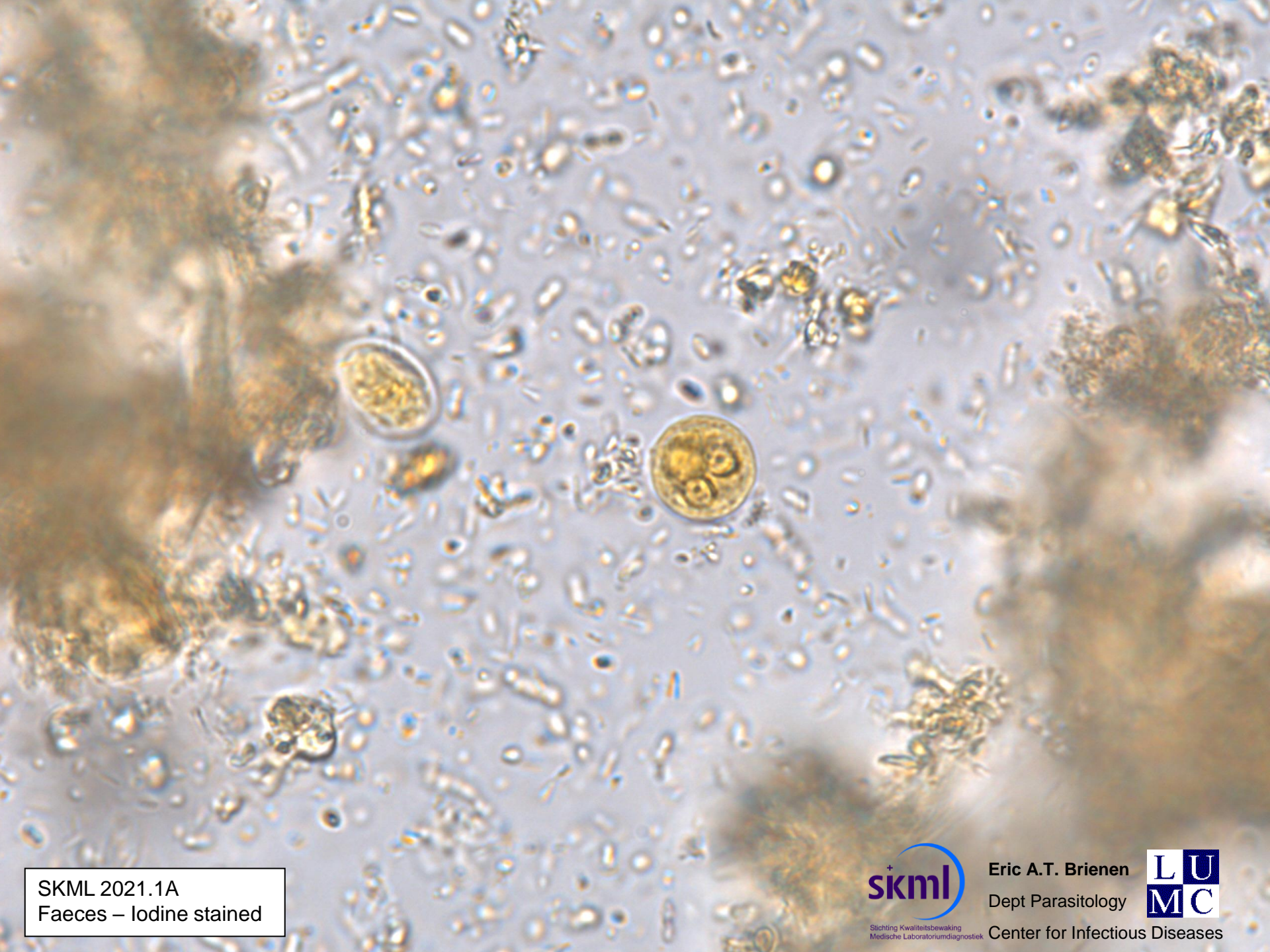


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SKML 2021.1A
Faeces – Iodine stained

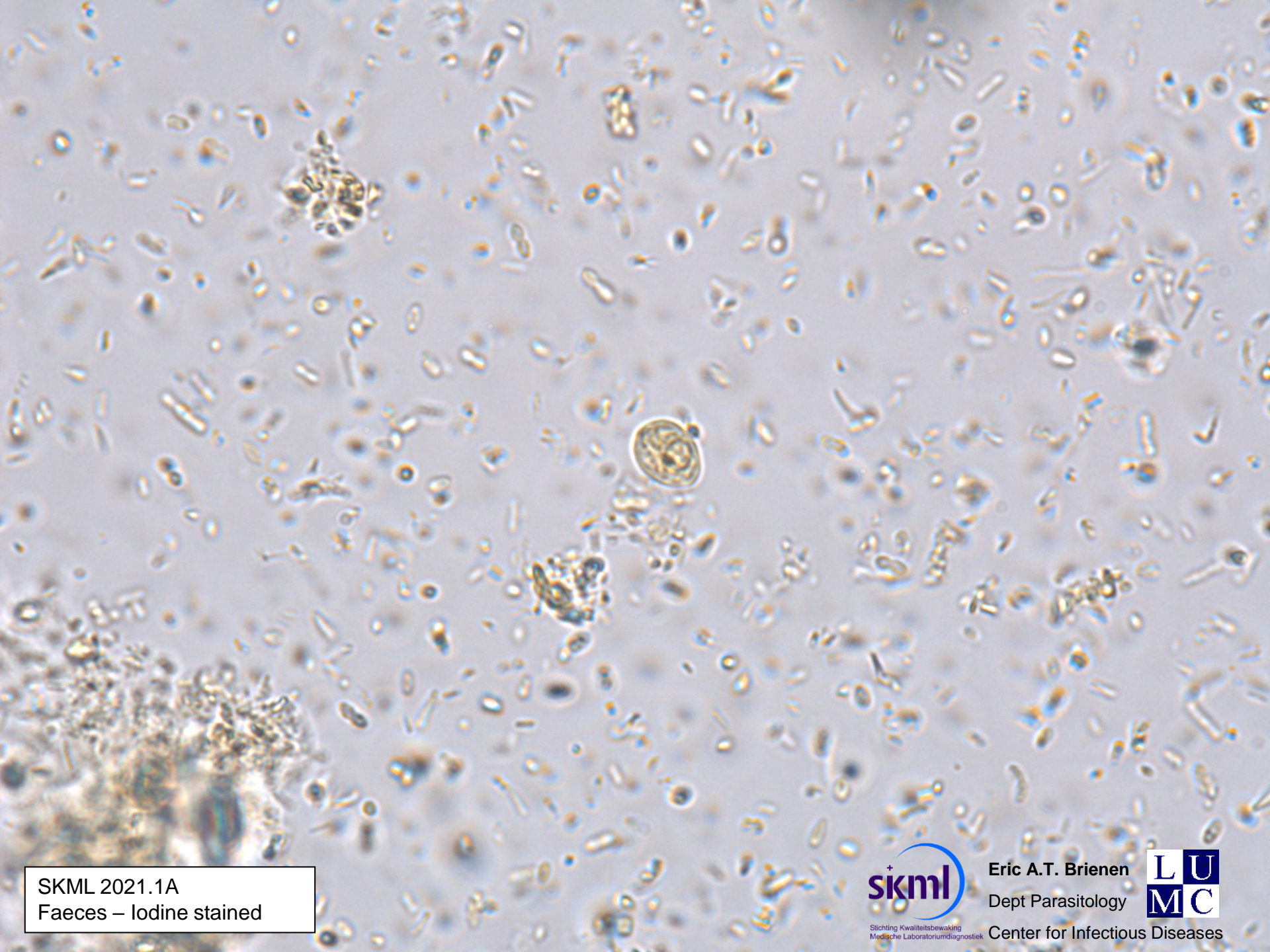


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Faeces – Iodine stained



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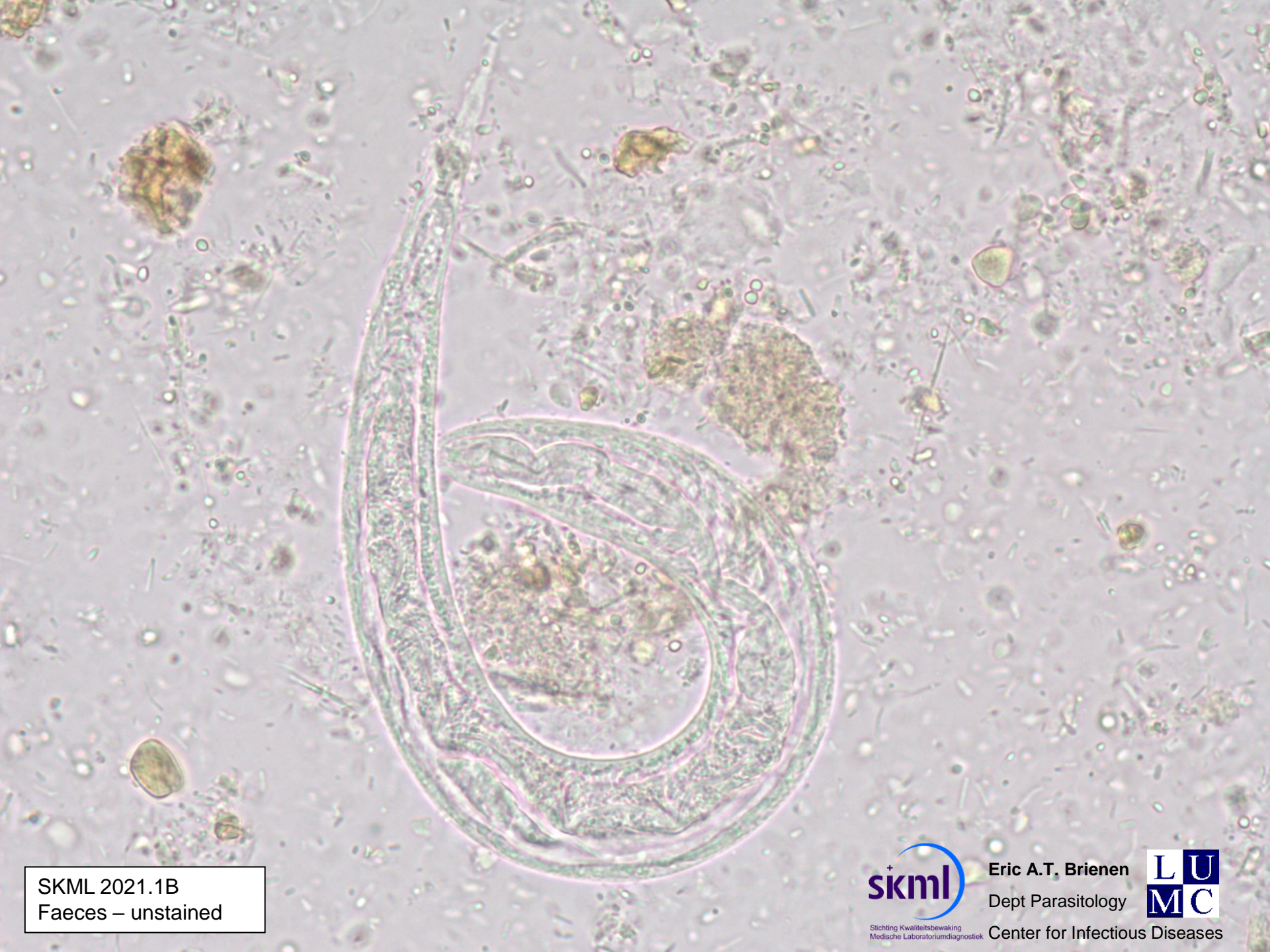
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SKML 2021.1B
Faeces – unstained



SKML 2021.1B
Faeces – unstained



SKML 2021.1B
Faeces – unstained



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SKML 2021.1B
Faeces – unstained



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SKML 2021.1B
Faeces – unstained

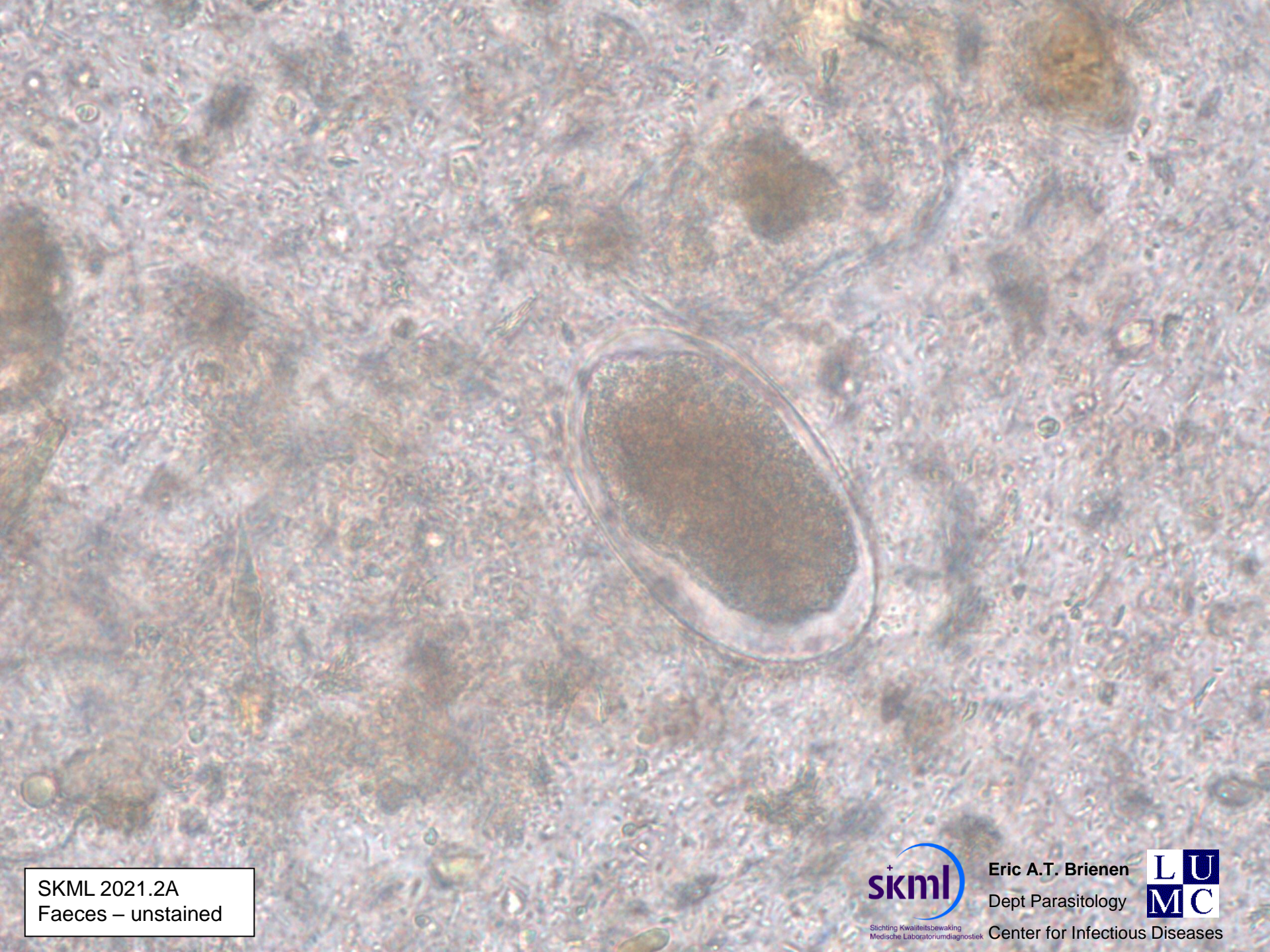


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SKML 2021.2A
Faeces – unstained

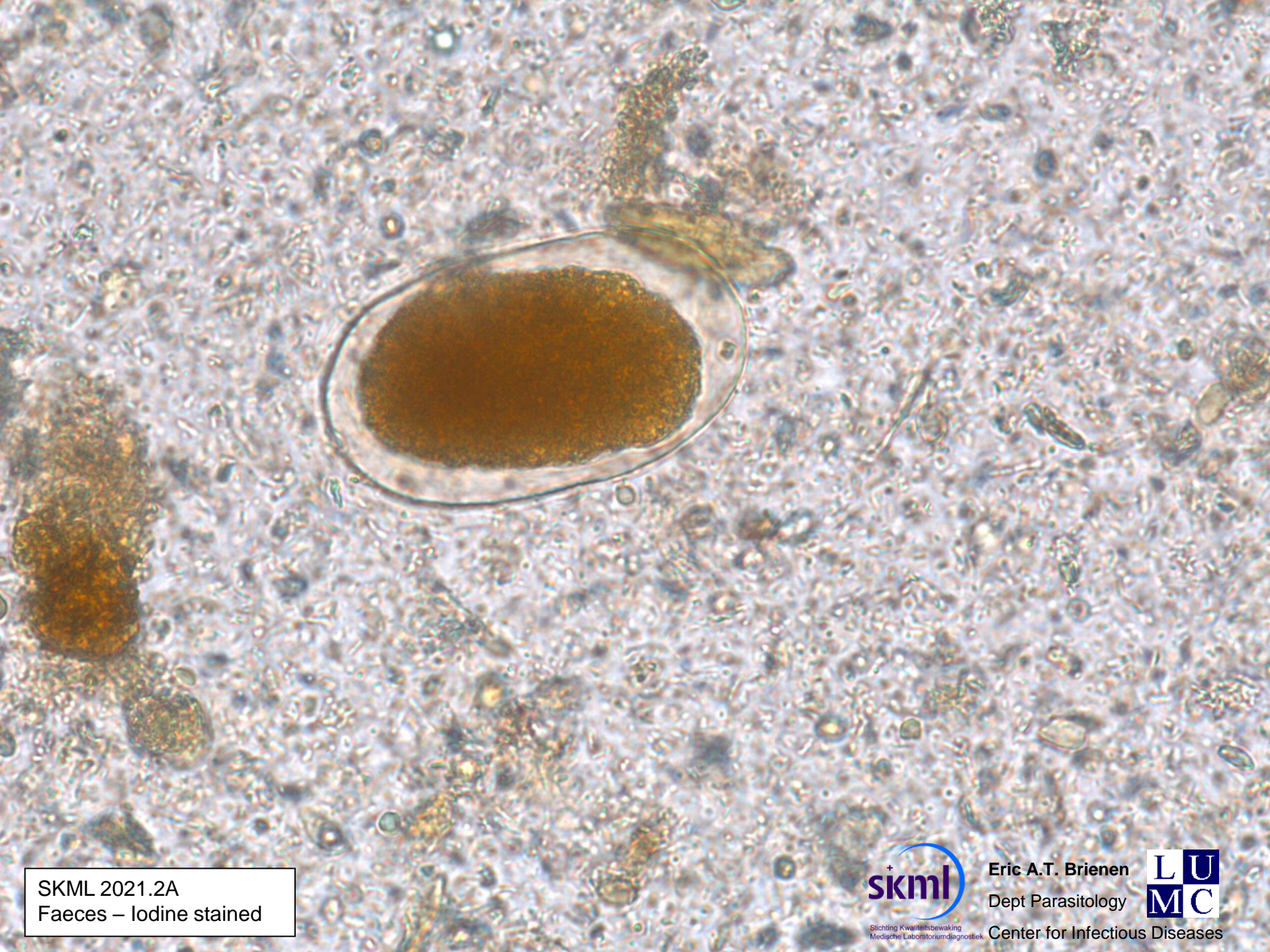


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SKML 2021.2A
Faeces – Iodine stained

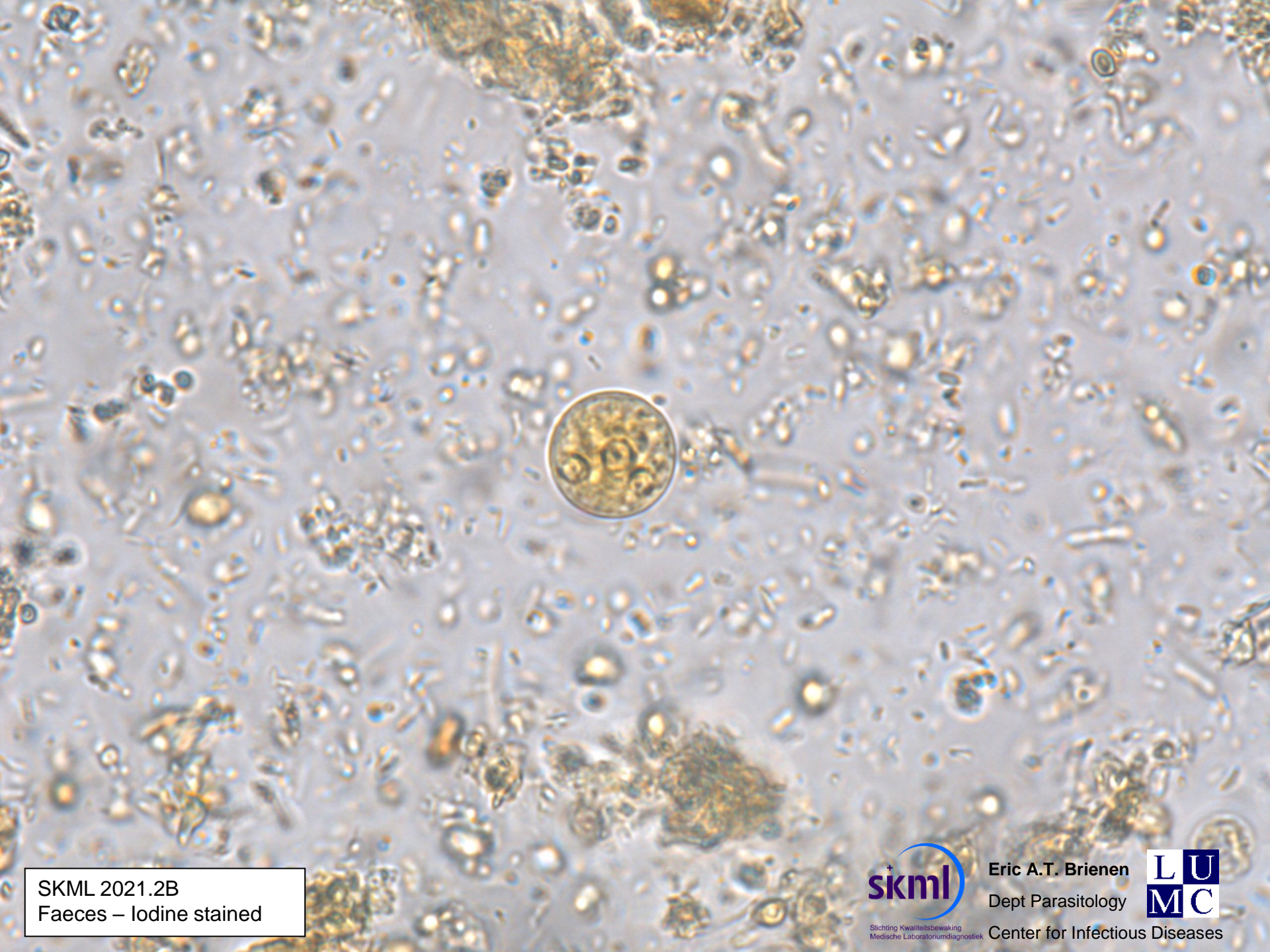


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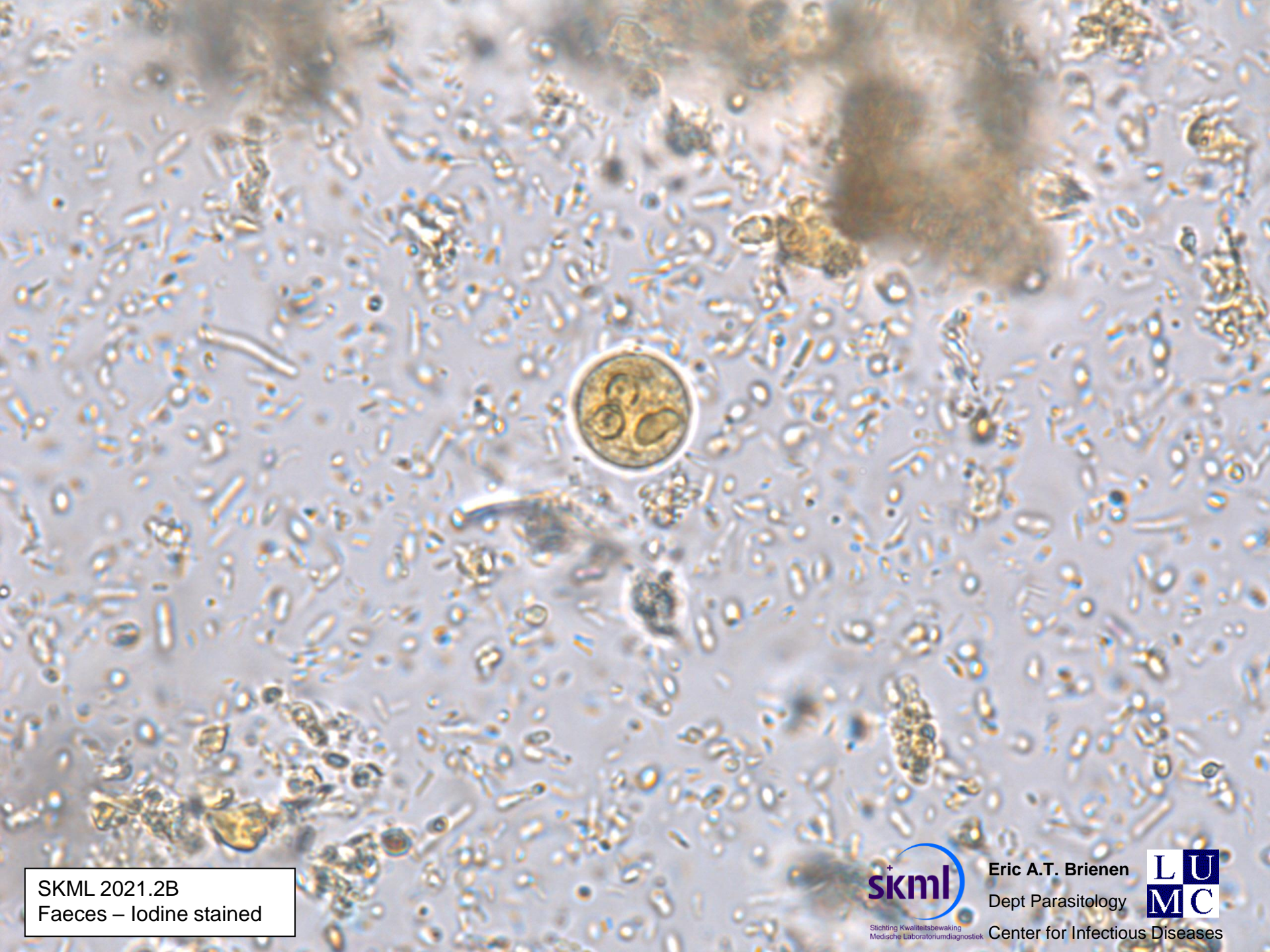
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Faeces – Iodine stained



SKML 2021.2B
Faeces – Iodine stained



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SKML 2021.2B
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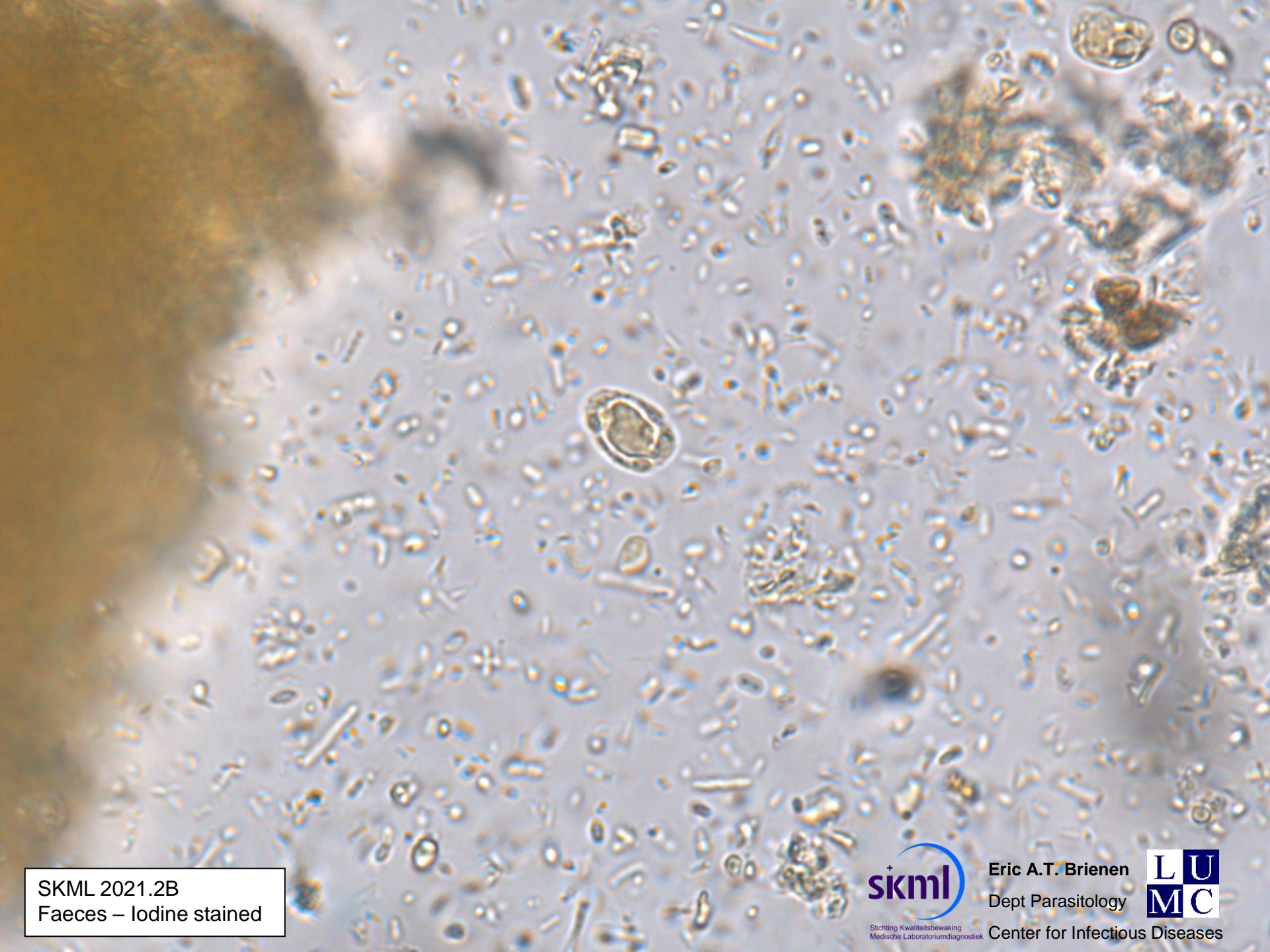


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SKML 2021.2B
Faeces – Iodine stained

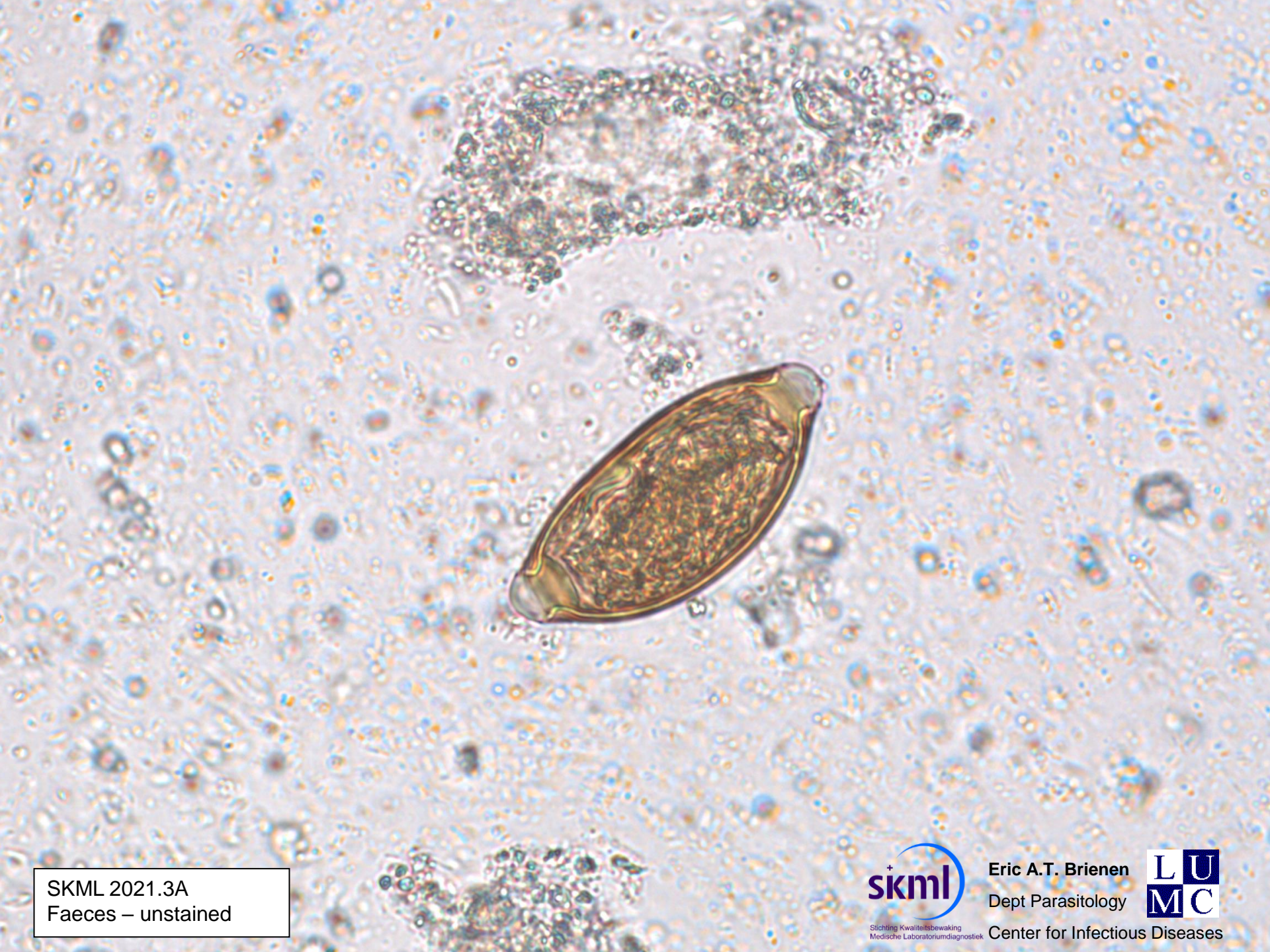


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SKML 2021.3A
Faeces – unstained

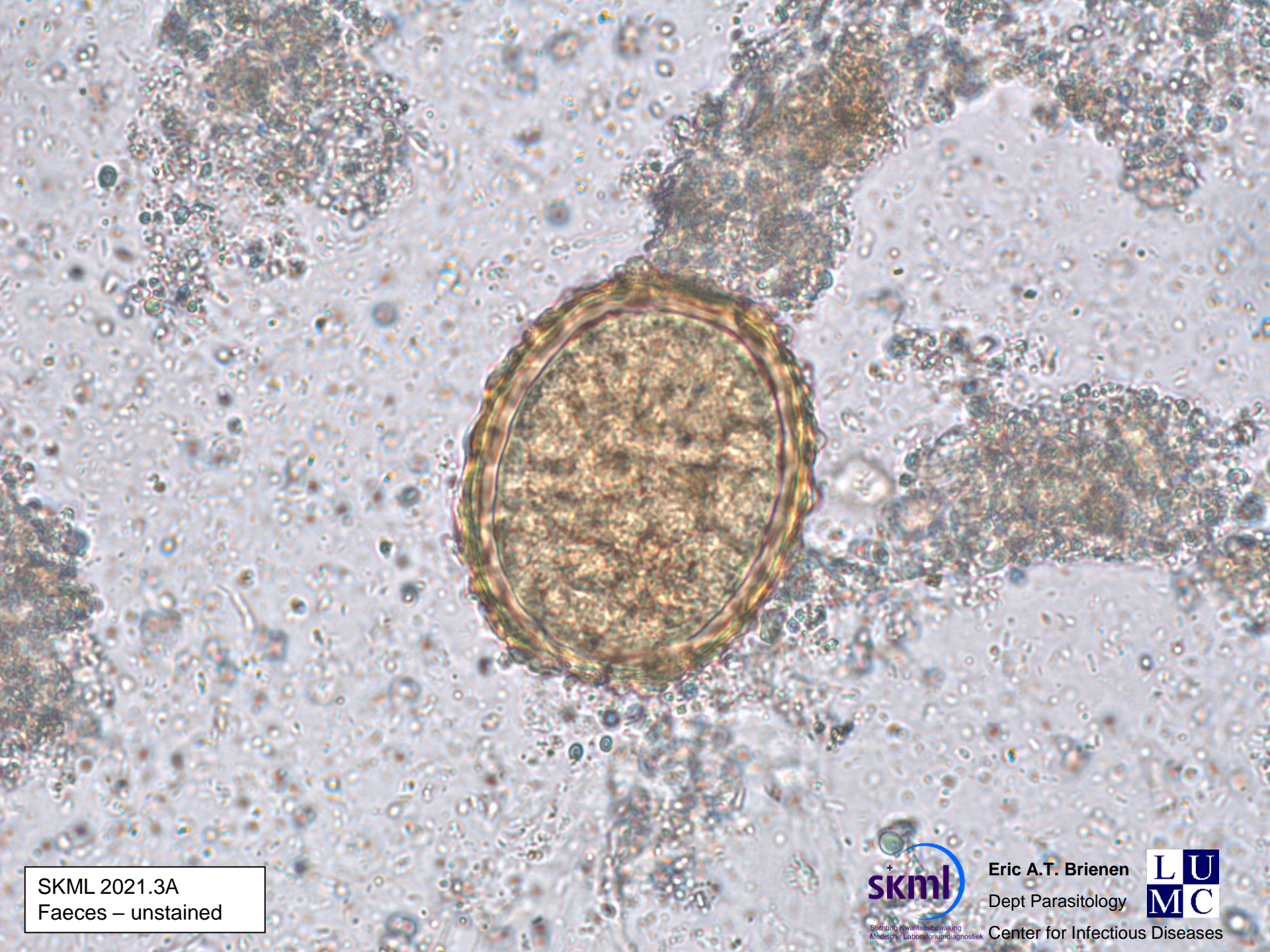


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Faeces – unstained

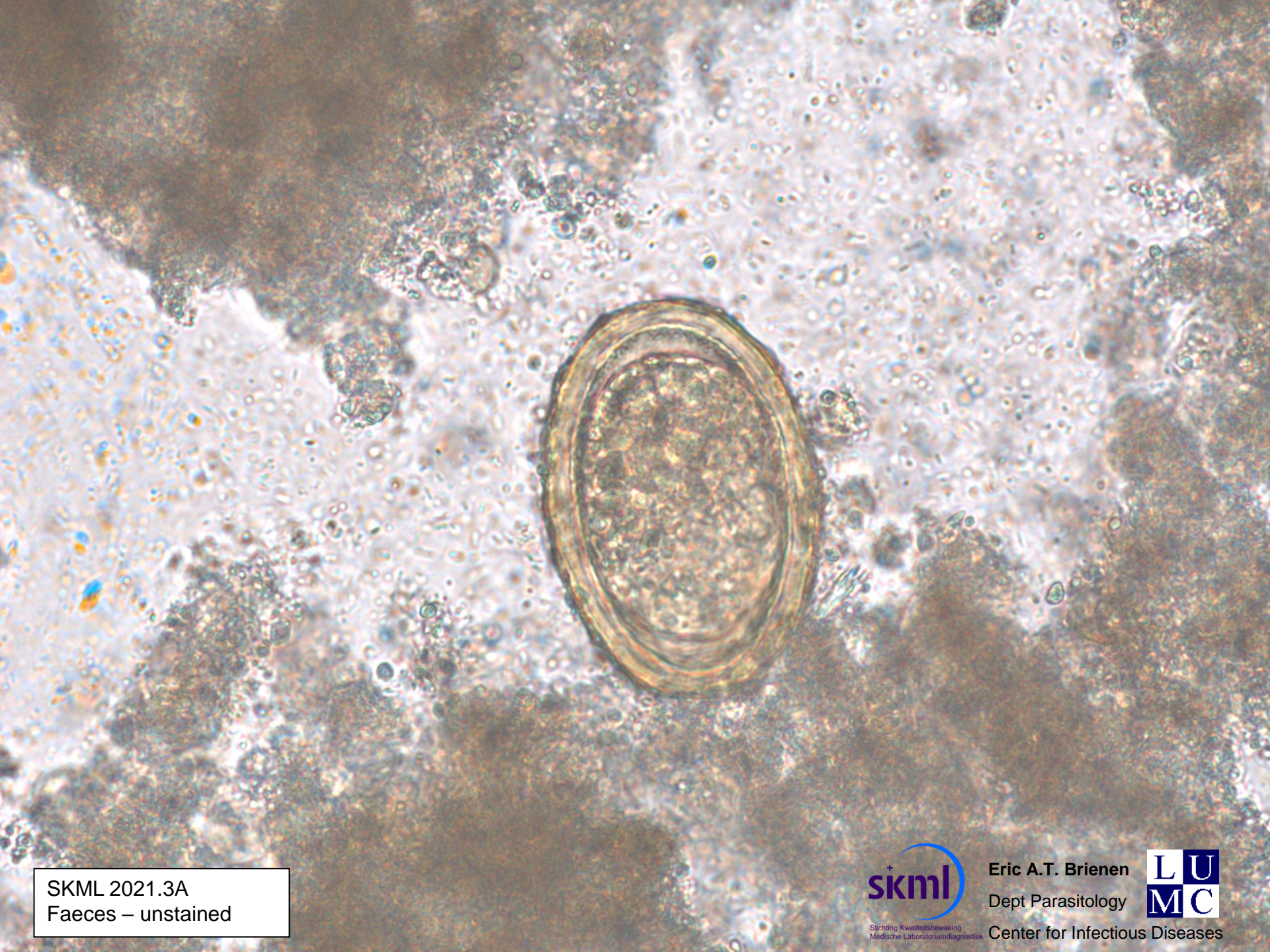


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Faeces – unstained



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SKML 2021.3A
Faeces – unstained

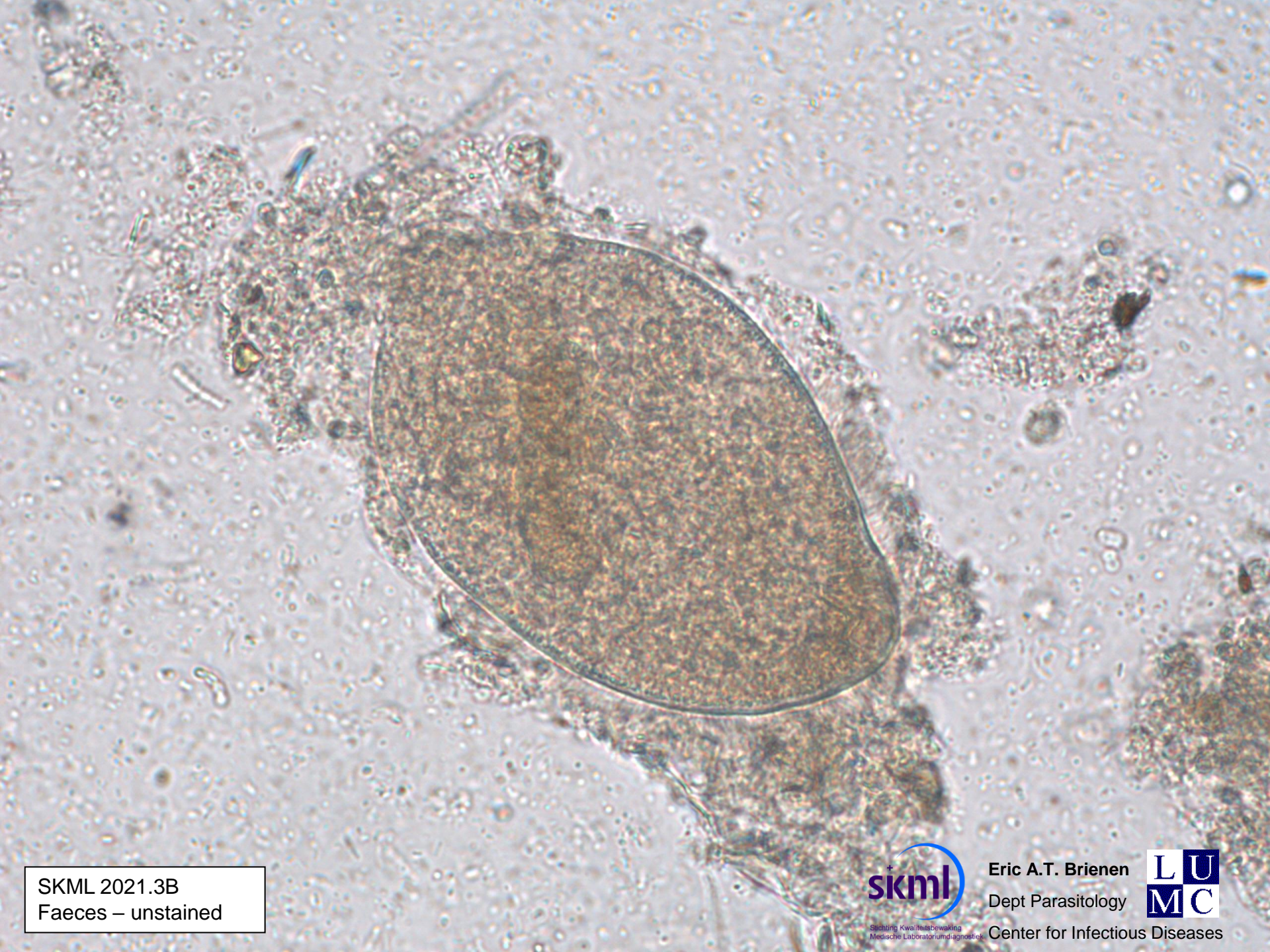


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SKML 2021.3B
Faeces – unstained



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Faeces – unstained

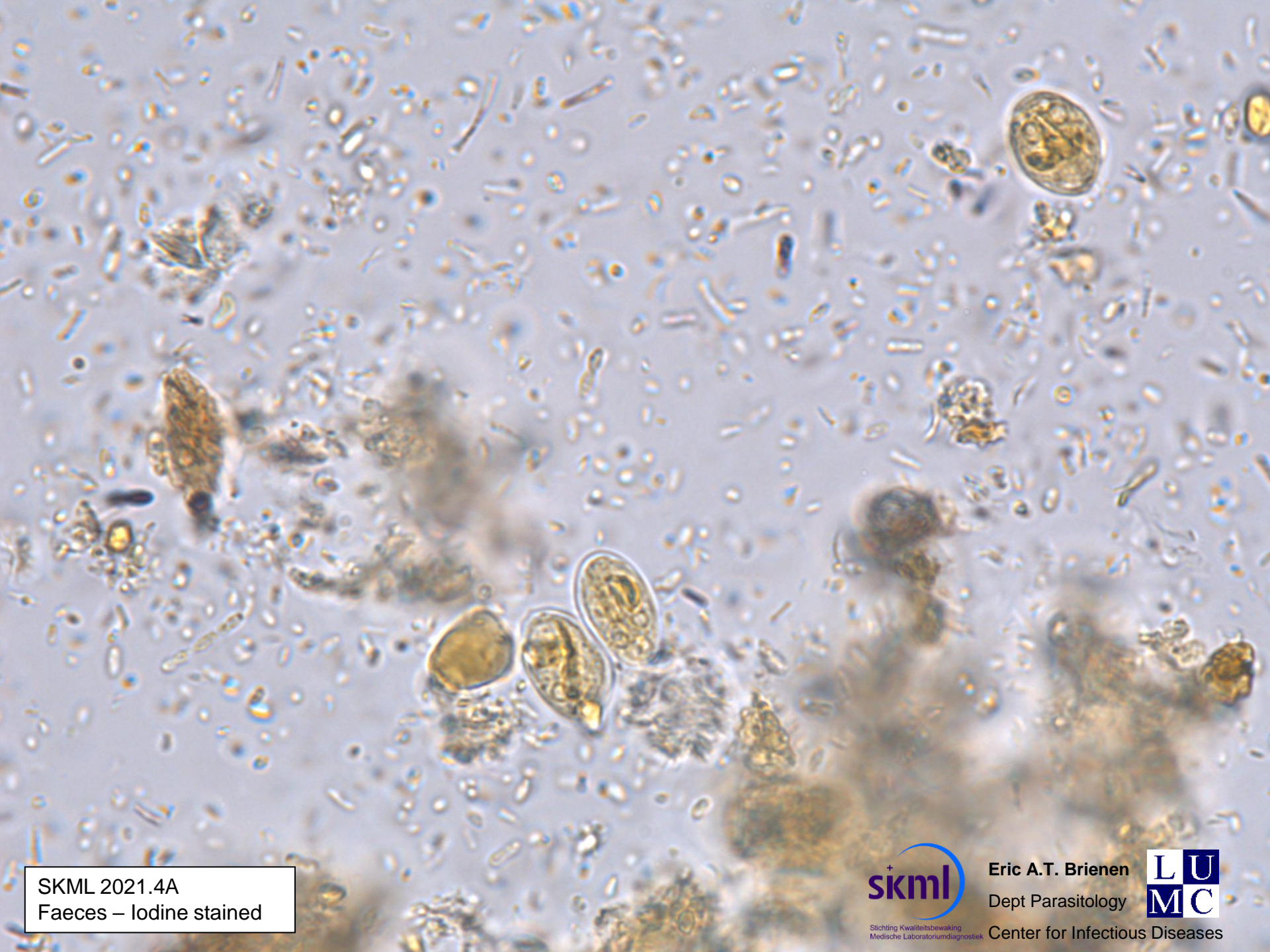


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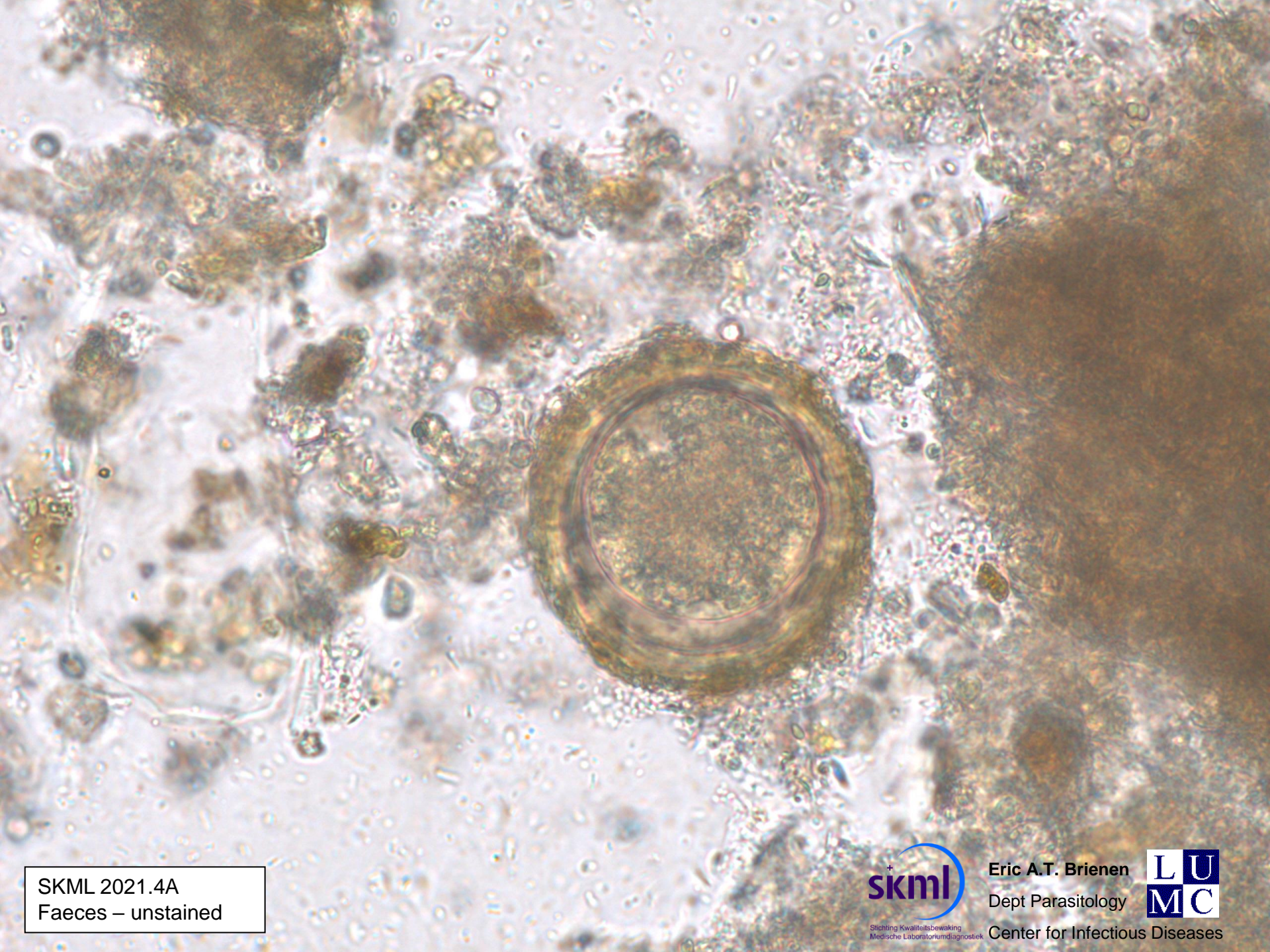


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Faeces – unstained



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Faeces – unstained

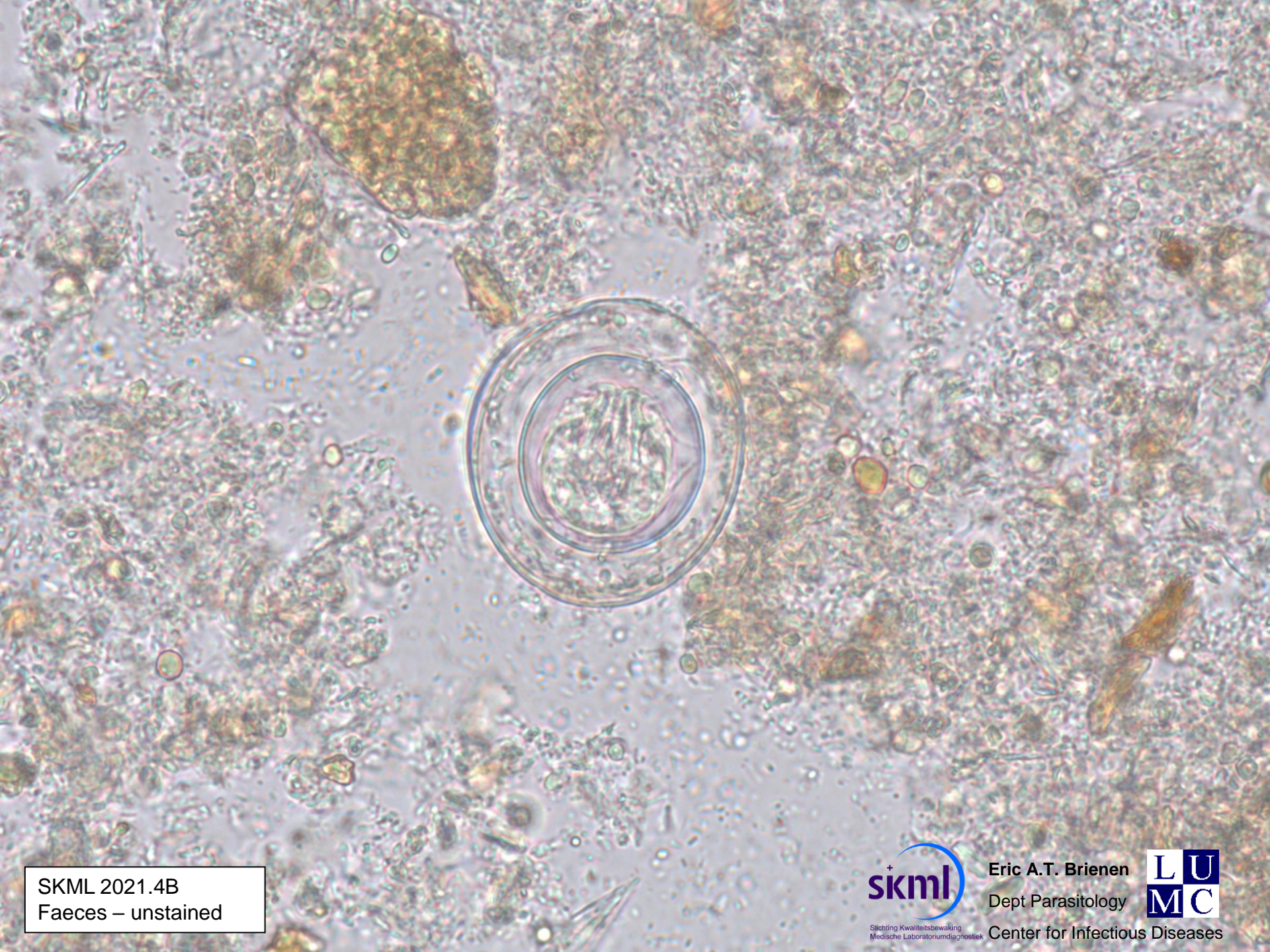


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SKML 2021.4B
Faeces – unstained

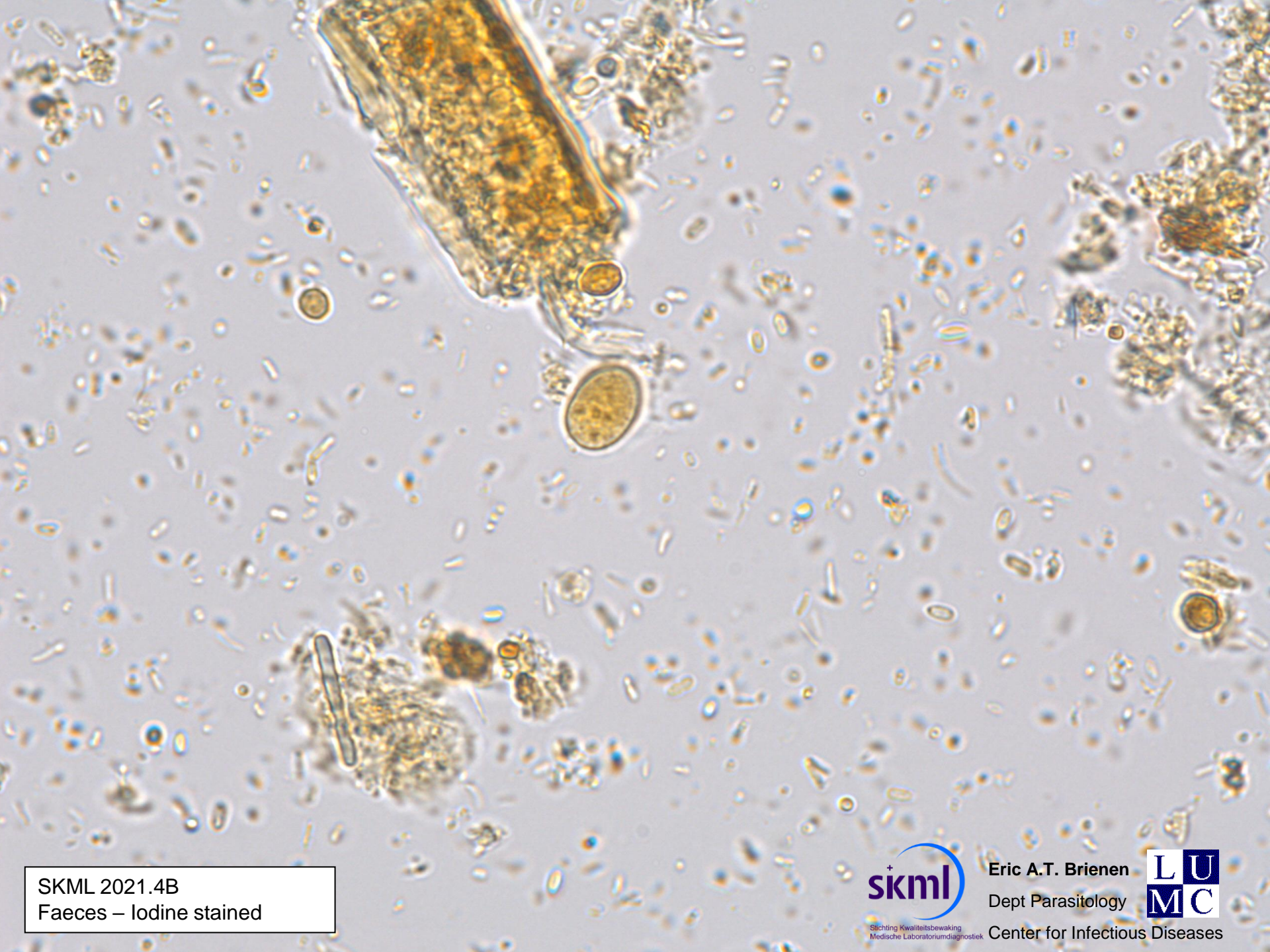


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Faeces – Iodine stained



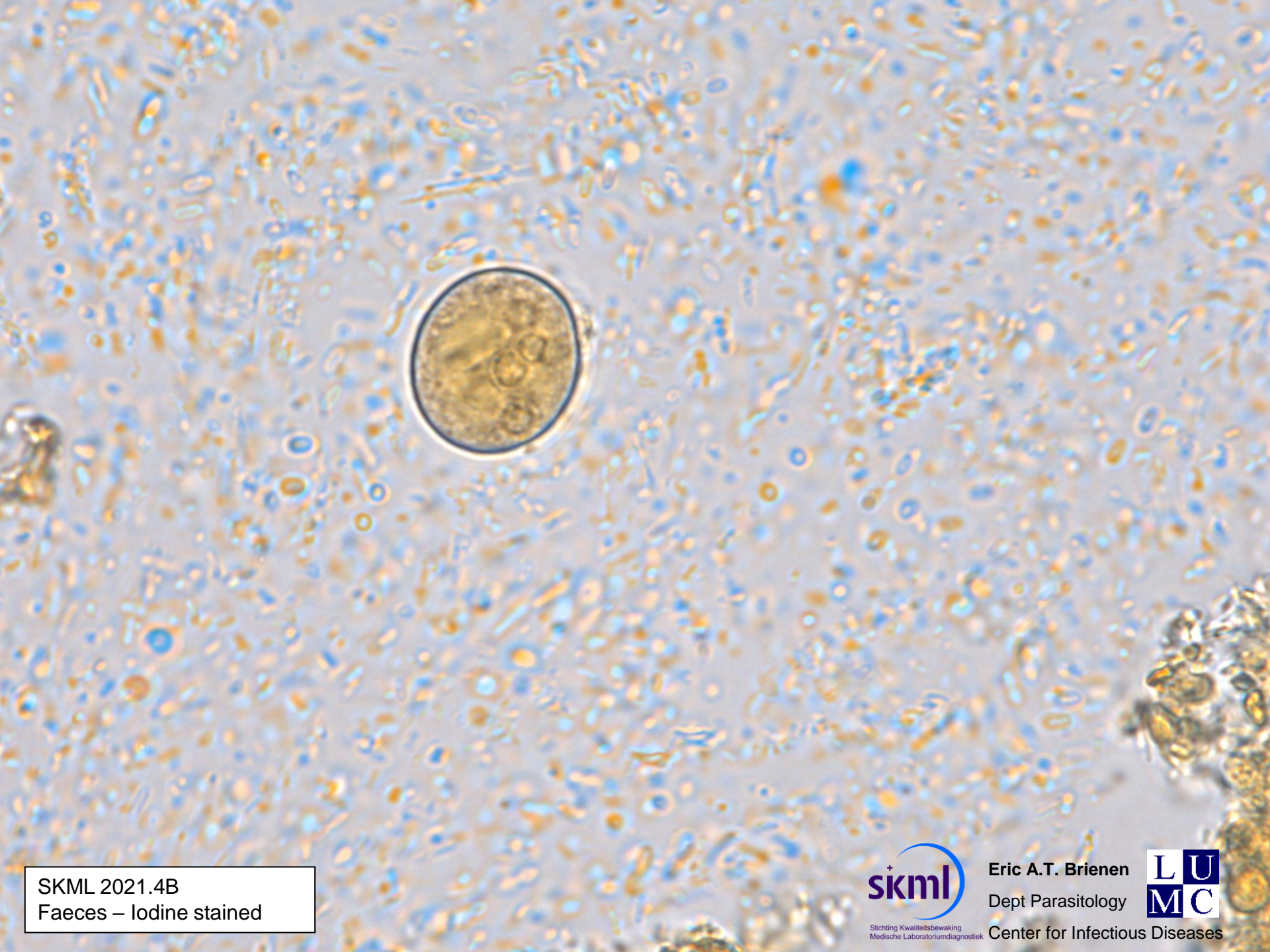
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Faeces – Iodine stained

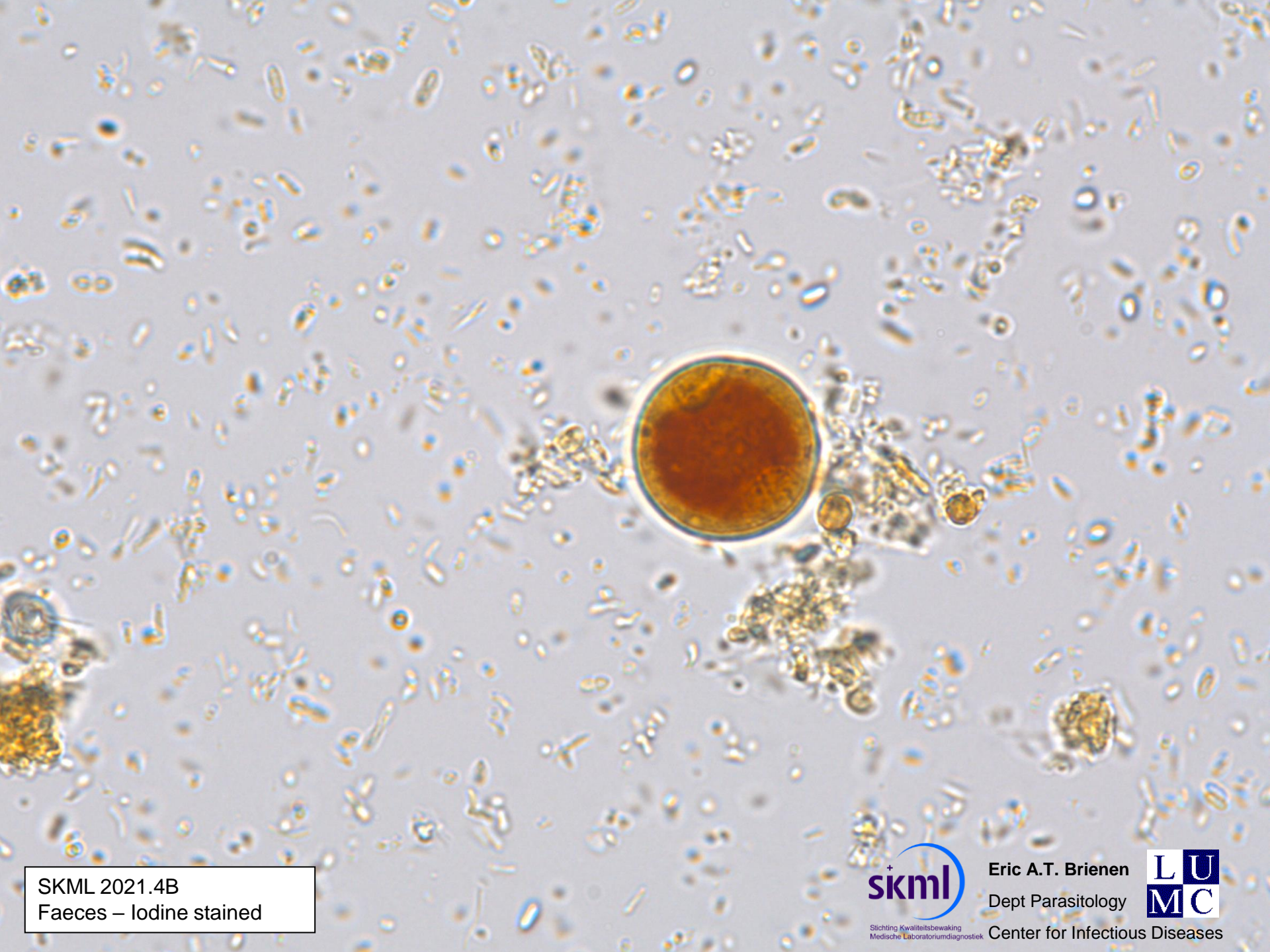


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SKML morphology parasitology – explanations

2021.1A *Plasmodium vivax*

2021.1B *Plasmodium falciparum* ≈ 0.2 %

2021.2A *Plasmodium falciparum* ≈ 0.1 %

2021.2B *Plasmodium falciparum* ≈ 37 %

2021.3A *Plasmodium ovale*

2021.3B *Plasmodium falciparum* ≈ 1%)

2021.4A Negative

2021.4B *Plasmodium falciparum* ≈ 0,1% + sporadic *Plasmodium ovale wallikeri*

2021.1A *Entamoeba histolytica/dispar* (trophozoites and cysts) + *Giardia lamblia*
(trophozoites and cysts) + sporadic some other protozoa

2021.1B *Strongyloides stercoralis* (rhabditiform / L1 larvae)

2021.2A Hookworm (eggs)

2021.2B *Entamoeba histolytica/dispar* (trophozoites and cysts) + *Blastocystis spp.*

2021.3A *Ascaris sp.* (eggs) + *Trichuris trichiura* (eggs)

2021.3B *Balantidium coli* (trophozoites and cysts)

2021.4A *Giardia lamblia* (trophozoites and cysts) + *Ascaris sp.* (eggs)

2021.4B *Hymenolepis nana* (eggs) + sporadic some protozoa