

University of Groningen

## New approaches for imaging bacteria and neutrophils for detection of occult infections

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DOI:  
[10.33612/diss.131946200](https://doi.org/10.33612/diss.131946200)

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*Document Version*  
Publisher's PDF, also known as Version of record

*Publication date:*  
2020

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*  
Auletta, S. (2020). *New approaches for imaging bacteria and neutrophils for detection of occult infections*. University of Groningen. <https://doi.org/10.33612/diss.131946200>

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# **New approaches for imaging bacteria and neutrophils for detection of occult infections**

**PhD thesis**

to obtain the degree of PhD at the  
University of Groningen  
on the authority of the  
Rector Magnificus Prof. C. Wijmenga  
and in accordance with  
the decision by the College of Deans.

This thesis will be defended in public on  
Monday 21 September 2020 at 9:00 hours

by

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# New approaches for imaging bacteria and neutrophils for detection of occult infections

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Imaging bacteria with radiolabelled quinolones, cephalosporins and siderophores for imaging infection: a systematic review.  
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- Chapter 3**            **Auletta S**, Varani M, Horvat R, Galli F, Signore A, Hess S.  
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- Chapter 4**            **Auletta S**, Baldoni D, Varani M, Galli F, Hajar IA, Duatti A, Ferro-Flores G, Trampuz A, Signore A.  
Comparison of <sup>99m</sup>Tc-UBI 29-41, <sup>99m</sup>Tc-ciprofloxacin, <sup>99m</sup>Tc-ciprofloxacin dithiocarbamate and <sup>111</sup>In-biotin for targeting experimental Staphylococcus aureus and Escherichia coli foreign-body infections: an ex-vivo study.  
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- Chapter 5**            **Auletta S**, Galli F, Varani M, Campagna G, Martinelli D, Mattei M, Santino I, Dierckx RA, Signore A.  
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- Chapter 6**            **Auletta S**, Iodice V, Galli F, Lepareur N, Devillers A, Signore A.  
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- Chapter 7**            **Auletta S**, Riolo D, Varani M, Lauri C, Galli F, Signore A.  
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