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

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

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to obtain the degree of PhD at the
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Monday 21 September 2020 at 9:00 hours

by

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Chapter 3	Auletta S , Varani M, Horvat R, Galli F, Signore A, Hess S. PET Radiopharmaceuticals for Specific Bacteria Imaging: A Systematic Review. <i>J Clin Med</i> . 2019;8;197.
Chapter 4	Auletta S , Baldoni D, Varani M, Galli F, Hajar IA, Duatti A, Ferro-Flores G, Trampuz A, Signore A. Comparison of ^{99m} Tc-UBI 29-41, ^{99m} Tc-ciprofloxacin, ^{99m} Tc-ciprofloxacin dithiocarbamate and ¹¹¹ In-biotin for targeting experimental Staphylococcus aureus and Escherichia coli foreign-body infections: an ex-vivo study. <i>Q J Nucl Med Mol Imaging</i> . 2019;63:37-47.
Chapter 5	Auletta S , Galli F, Varani M, Campagna G, Martinelli D, Mattei M, Santino I, Dierckx RA, Signore A. In vitro and in vivo evaluation of ^{99m} Tc-polymyxin B for specific targeting of Gram- bacteria. <i>J Nucl Med</i> . (2019, submitted)
Chapter 6	Auletta S , Iodice V, Galli F, Lepareur N, Devillers A, Signore A. Study of binding kinetics and specificity of ^{99m} Tc-SSS-complex and ^{99m} Tc-HMPAO to blood cells. <i>Contrast Media Mol Imaging</i> 2018; doi:10.1155/2018/5603902.
Chapter 7	Auletta S , Riolo D, Varani M, Lauri C, Galli F, Signore A. Labelling and clinical performance of human leukocytes labelled with ^{99m} Tc-HMPAO using Leukokit® with Gelofusine versus Leukokit® with HES as sedimentation agent. <i>Contrast Media Mol Imaging</i> 2019; doi: 10.1155/2019/4368342
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