<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
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<tbody>
<tr>
<td>Infection and Immunity</td>
<td>03-TM-INFIMM-181-m01</td>
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**Module coordinator**

holder of the Chair of Molecular Infection Biology and holder of the Chair of Medical Microbiology and Mycology

**Module offered by**

Faculty of Medicine

<table>
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<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
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<tbody>
<tr>
<td>5</td>
<td>Numerical grade</td>
<td>1 semester</td>
<td>Graduate</td>
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**Contents**

Relevant topics of translational research in microbiology and immunology will be introduced based on relevant examples like vaccine development, immunotherapy, RNA-base therapy, new antibiotics, probiotics, human microbiome, host niches, heterogeneity as well as resistance and new therapeutics.

**Intended learning outcomes**

Students will get an overview on the development of new diagnostics and therapeutics in infectious diseases and basic insight into standardised steps in the approval of new tools for clinical application. They can assess the use of modern technologies, including high throughput sequencing and genome wide typing in the development of individualised therapeutic approaches.

**Courses**

\( V (1) + S (1) \)

**Method of assessment**

- Presentation (approx. 10 minutes) with oral examination of one candidate each (approx. 20 minutes)
- Language of assessment: German or English

**Alloccation of places**

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**Additional information**

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**Referred to in LPO I**

(examination regulations for teaching-degree programmes)

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**Module appears in**

- Supplementary course Translational Medicine (2018)
- Master's degree (1 major) Translational Medicine (2018)