

# Job posting

## Type of position

- scientific
- administrative

## Target group

- graduates
- post docs
- other

Title

**12 PhD Positions in the Research Training Group (RTG) 2756 “Cytoskeletal elements of active matter – from molecular interactions to cellular biophysics (CYTAC)”**

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Institution

The RTG 2756 “Cytoskeletal elements of active matter – from molecular interactions to cellular biophysics (CYTAC)” at the University of Göttingen is funded by the German Research Foundation (DFG). The PhD students enrolled in this program will study different aspects of the cytoskeleton. The cytoskeleton is a complex network of protein filaments of living cells. It is responsible for the mechanical and dynamic properties of the cell and is thus instrumental for many important cellular functions. CYTAC is devoted to covering all length scales involved - from the level of individual molecules, through mesoscopic filaments and membranes, all the way to cells. Naturally, this research is performed in a highly interdisciplinary manner and involves physics, physical and bio-chemistry, cell biology, and mathematical data analysis. General information on the RTG 2756 is available at [www.uni-goettingen.de/rtg2756](http://www.uni-goettingen.de/rtg2756).

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Position

The RTG 2756 CYTAC is currently inviting applications for

**12 PhD Positions (f, m, d)**

starting on January 1st, 2025. The salary is based on **TV-L E13** and amounts to 65% of a full position for PhD candidates in chemistry and biology and to 75% in physics and mathematics.

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Responsibilities

The RTG 2756 CYTAC offers a vibrant academic environment, joint supervision of PhD candidates by thesis committees, and a structured study program with many opportunities to improve scientific and personal skills. Research groups in the following

fields are offering PhD projects: experimental biophysics, theoretical biophysics, physical chemistry, biomolecular chemistry, applied mathematics, and cell biology. You can find detailed information on the individual projects at the [CYTAC research webpage](#).

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#### Requirements

We are seeking highly motivated candidates who wish to pursue their PhD training in an interdisciplinary environment. Successful applicants should

- hold a Master's degree in the natural sciences or mathematics with very good grades,
  - be fluent in English,
  - be keen to collaborate and share data with their PhD colleagues.
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#### Application procedure (deadline etc.)

To apply for this position, please follow the guidelines below:

Step 1: Complete the application form at [the CYTAC application webpage](#).

Step 2: Submit the following documents at [jobs.rtg2756@uni-goettingen.de](mailto:jobs.rtg2756@uni-goettingen.de), compiled as **one** PDF file:

- Motivation letter (limited to 500 words)
- CV including information on posters, presentations, awards, and publication list, if applicable
- School leaving exam certificate (A-level, Abitur, European Baccalaureate or equivalent)
- Bachelor's degree and transcript
- Master's degree and transcript
- English language certificate
- Publications, if available
- References: names and contact details of two senior academics, who know you well. Do not attach reference letters

The closing date for applications is **May 20, 2024**.

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#### Contact

**If you have any questions, please contact** Prof. Dr. Sarah Köster ([sarah.koester@uni-goettingen.de](mailto:sarah.koester@uni-goettingen.de), +49-551-39 29429) **or the potential supervisor for project-related inquiries.**