GRK 2381

cGMP: From Bedside to Bench

<https://uni-tuebingen.de/en/141767>

# GRK 2381

# Application Form 2025

**Personal data and contact details**

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| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| Ms/Mr |  | First name |  | Last name  |
|  |  |  |
| Nationality |  | Date and place of birth (city, country) |

**Address**

|  |  |  |
| --- | --- | --- |
|  | Address for correspondence | Home address |
| Institution (if applicable) |  |  |
| Street |  |  |
| City |  |  |
| Zip code  |  |  |
| Country |  |  |
| Phone (including country code) |  |  |
| e-mail |  |  |

**Language skills**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Language | native | very good | good | fair | poor/none |
| English |  |  |  |  |  |
| German |  |  |  |  |  |

**Colleges/Universities attended**

Please provide a full list of all colleges/universities attended, including information on subject(s) of study, degrees and grades obtained

|  |  |  |
| --- | --- | --- |
| Dates (mm/yy - mm/yy) | Name of institution/city/country | Subjects |
|  |  |  |
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**Degrees awarded or expected**

|  |  |  |
| --- | --- | --- |
| Date of award | Degree (B.Sc./MSc./Diploma, etc.)give exact name | Grades, points, etc. |
| obtained | max.\* | min.\* |
|  |  |  |  |  |
|  |  |  |  |  |
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\* Maximum and minimum score (grades/points) that can be obtained, if applicable

**Title of B.Sc./M.Sc./Diploma thesis**

|  |  |
| --- | --- |
| Degree | Title of thesis and thesis advisor (name, title, and institution) |
|  |  |
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**Honors, scholarships, prizes, additional exams, work experience, etc.** (if applicable)

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**List of Publications** (if applicable)

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|  |

**References\***

|  |  |  |
| --- | --- | --- |
|  | Referee 1 | Referee 2 |
| Name, title |  |  |
| Position |  |  |
| Institution |  |  |
| Address |  |  |
| Phone |  |  |
| e-mail |  |  |

\*Letters of two academic teachers who are able to evaluate your personality, academic experience, and intellectual merit. The use of the **Reference Form** (download from the GRK 2381 homepage) is strongly recommended. Reference Forms have to be sent by the referees via e-mail directly to

grk2381-application@mnf.uni-tuebingen.de **by March 1, 2025**.

**Research preferences**

Your application will be reviewed by the faculty of the GRK 2381 and selected applicants will be invited for interview in Tübingen. Admission to PhD program the will imply a successful on-site interview in Tübingen. We will try hard to follow the preferences for the research area you stated in your application. **Please name three projects** of the GRK 2381 (see list below) in which you would prefer to carry out your PhD thesis. More information on each project can be found on the GRK 2381 website.

|  |  |  |
| --- | --- | --- |
| **Top priority** | **P** |  |
| **1st alternative** | **P** |  |
| **2nd alternative** | **P** |  |

|  |  |  |
| --- | --- | --- |
| **P 1** | Heterogeneity of cGMP signaling in the tumor microenvironment | **Feil-R** (Fukumura) |
| **P 2** | cGMP/cGKI in cardiac fibroblast-to-myofibroblast differentiation and fibrosis | **Lukowski** (Hobbs) |
| **P 3** | cGMP-dependent regulation of cell and tissue mechanics | **Schäffer** (Seta) |
| **P 4** | Crosstalk of cGMP and extracellular matrix signaling in atherosclerosis | **Feil-S** (Blanton) |
| **P 5** | Role of hemin-dependent signaling and ferroptosis in platelets: does cGMP play a role? | **Gawaz** (Du) |
| **P 7** | CNP-induced cGMP signaling in the nervous system | **Schmidt** (Jacob) |
| **P 8** | cGMP and visual signal processing – NO/cGMP pathway dynamics and the role of amacrine cells | **Euler** (Williams) |
| **P 9** | cGMP signaling and its role in autistic and cognitive auditory processing disabilities | **Knipper** (Jacob) |
| **P 10** | Tailoring cGMP signals to improve therapeutic efficacy of cellular immunotherapies | **Feucht** (Fukumura) |

Please explain **your motivation** to join (a) this **PhD training program** in general as well as (b) specifically your **top priority project** (max. one page):

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| --- |
|  |

I certify that the information provided in this application is accurate to the best of my knowledge.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| Place |  | Date |  | Signature |