



# Call for Application

The second class of the Biomedical Data Science PhD program (BIOMEDAS) will start in October 2021 and we are seeking for interested students to join.

BIOMEDAS was developed as cross-university PhD program within the Academy of the Translational Alliance of Lower Saxony (TRAIN). Several regional partners, all working at the intersection of bioinformatics, medical informatics, databases, data mining and machine learning, applied mathematics, biomedical modelling and analyses of complex networks, are brought together in the program. Collaborative data science projects between the different partners will be further developed in a variety of domains, which opens numerous possibilities for interdisciplinary exchange. In particular, BIOMEDAS includes projects in the areas “Exploiting the potential of available biomedical and clinical data sources”, “Making use of biomedical data to realize personalized medicine”, “Understanding pathomechanisms through biomathematical modelling” and “Employing artificial intelligence to develop tailored diagnostic and treatment strategies”.

## Application procedure

To apply for admission to the program, interested students are asked to send their application to [biomedas@translationsallianz.de](mailto:biomedas@translationsallianz.de).

The application documents should include:

- Full CV
- Motivation letter
- Justification of the scientific background (as mentioned in the FAQ on our website)
- Project description (an already existing project is mandatory)
- Reference letter of the supervisor is requested (Statement why the applicant is a suitable candidate)

All applications will be reviewed by the BIOMEDAS Strategy Board, personal interviews with the candidates are conducted if necessary and the final selection is made in September 2021.

The applicants will receive a response by end of September.

## Further information

Further information can be found on the BIOMEDAS website <https://www.translationsallianz.de/biomedas>.

## Contact

In case of questions do not hesitate to contact the BIOMEDAS team via [biomedas@translationsallianz.de](mailto:biomedas@translationsallianz.de).

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