Everyone can achieve great things at BioNTech! We develop revolutionary approaches in the fight against cancer and other diseases. BioNTech wants to become the world’s leading biotechnology company for individualized cancer medicine. Over 1000 dedicated, passionate pioneers achieve sensational success and promising breakthroughs time and again by forging new paths – and ensure people all around the world have hope for the future. You too can become a pioneer!

PhD Student - Bioinformatics, Software Development, Python, R - Bioconductor*

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Extend the bioinformatics team and enhance its knowledge. Continuous development and implementation of novel bioinformatics methods, improvements and innovations, and integrate them into an existing pipeline.

Your duties in detail:

- Programming and analysing bioinformatics data with knowledge in Python or R, using analytical and bioinformatics tools
- Further develop new methods for the computational identification of neoepitopes
- Analyze data derived from medical/immunological wet lab processes and clinical studies
- Construct state-of-the-art machine learning models
- Work within the team as well as with other interdisciplinary and/or intercultural teams

What you have to offer:

- Successfully completed studies in bioinformatics or a related field of study
- Very good programming skills and experience (e.g. Python, R - Bioconductor)
- Knowledge in software development and experience in handling bioinformatics tools, experience in analysis and interpretation of high throughput data.
- Experience in the biological/medical field. An understanding and experience of immunological and molecular cancer processes is advantageous
- Statistical knowledge is highly desirable, experience in the analysis and interpretation of high-throughput data including NGS data is advantageous
- Curiosity and passion for research is important, good communication and interpersonal skills as well as a good working knowledge of English.
- Enthusiastic and strong teamplayer are requirements!

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If you have any further questions, Johanna Malich will be happy to answer them on +49 (0) 6131-9084-1291 (monday-friday, from 12 noon).

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