

DataLung – DZL Data Science School for Lung Researchers

Call for Applications 2026

DataLung is targeted at DZL Academy members who are looking to use or develop computational methods in their projects. This can range from analyzing some of the data that they generate themselves to building new computational tools or infrastructure to analyze lung data. All candidates should have at least basic programming skills in Python, which can be deepened during the training program. In order to provide training that is suitable to candidates with different backgrounds, courses are initially divided into two tracks: The BIOTRACK and the COMPUTRACK. For more details, please visit the following website: [DZL DataLung School - Deutsches Zentrum für Lungenforschung](#)

In brief the **enrollment criteria** are:

BIOTRACK: At least basic Python skills (or plans to acquire them by June of year 1), and a lung research project with a computational part.

COMPUTRACK: A numerical masters degree (or equivalent training), programming skills, a computational research project that uses lung data.

This program is intended to be an additional qualification opportunity on top of the respective training programs the researchers may be enrolled in at the respective DZL sites.

Here are a few preliminary **dates** to keep in mind:

- In-person meetings for both tracks:
 - Kick-off Meeting in Rauschholzhausen: April 28-30, 2026
 - Lung Science Training in Munich: October 19-23, 2026
- Online block courses for BioTrack:
 - Data Preparation and Visualization with Python: Approximately July 06-16, 2026
 - Statistics and Supervised Machine Learning: November 10-12 & 17-19, 2026
 - Unsupervised ML: January 2027 (2 days)
- Online block courses for CompuTrack:
 - Data Science: November 2026 (10-12 days)

If you are interested in **joining our program**, you fulfill the enrollment criteria, and you are available during the dates indicated above, you are invited to submit the following **documents** by using the **template** below:

- CV/Biosketch (max. 2 pages) that includes a short description of yourself
- Description of your research project (½ page) and how it fits to the relevant DataLung track
- Short statement/track record describing previous computational work (½ page)
- Evidence of at least basic Python programming skills (e.g. course participation certificate, own GitHub with Python code, course transcripts...), or description of how

these will be acquired by June 2026 with evidence of course completion handed in before the program start

Please submit your complete application via **email** to **datalungschool@dzl.de** by **January 31, 2026**. Please include your supervisor in CC in this email. Your supervisor must send her/his consent for you to join the program and a confirmation that you will have a contract until April 2028 in a brief email.

Note that supervisors are expected to cover travel and accommodation costs for kick-off and annual meetings and the one week Lung Science Training in Munich in October 2026.

Finally, make sure that you are already a Fellow of the DZL Academy – if not, just follow the simple registration process on the DZL Academy webpages: [Registration DZL Academy - Deutsches Zentrum für Lungenforschung](#)

Your application will be screened by an expert review committee consisting of two representatives per site. **Successful applicants will be notified via email by mid March 2026.**

Questions?

Please don't hesitate to contact us: datalungschool@dzl.de

DataLung Application 2026

Name of applicant:

Contact information:

DZL site:

Working group and supervisor(s):

Training program:

Contract start date:

Contract end date:

Preferred DataLung track (BioTrack or CompuTrack):

Please provide a short description of your research project and how it fits to the relevant DataLung track (½ page):

Please provide a track record describing your previous computational work (½ page):