

**PRIVACY NOTICE OF SINGLE CELL HEAD AND NECK  
ACCORDING TO ART. 13 / 14 OF UE REGULATION 2016/679 (GDPR)**

**1. Data Controller and DPO**

Data Controller is NEC Laboratories Europe GmbH, Kurfürsten-Anlage (NLE) 36, D-69115 Heidelberg e-mail: [privacy@neclab.eu](mailto:privacy@neclab.eu).

The Controller appointed a Data Protection officer that can be contacted at this e-mail address: [dsb@neclab.eu](mailto:dsb@neclab.eu)

**2. Information on data processing**

Data are collected from Gene Expression Omnibus (GEO), but after download data will be anonymized and the research will be carried out with anonymized data. NLE is not able to identify (data are relatively anonymous to us) or contact any of the data subjects.

<b>Categories of Personal Data and source</b>	<b>Purpose of processing</b>	<b>Legal basis of data processing</b>	<b>Data retention</b>
Special Category of Personal data: Health Data.  Public available data from GEO.	Scientific research with ML to improve internal deconvolution algorithms applied specifically to head & neck cancer data. Processed expression data of the single cell sequencing of 18 head and neck cancer patients will be downloaded. This data will be used to simulate bulk sequencing data to test the deconvolution capabilities of an existing algorithm and develop it further specifically for this cancer type. Therefore Data processing is mostly done with anonymized data.  Results will be published in a series of scientific article(s) in aggregated form and will advance the state of the art.	1) Consent. Article 6 (1) (a) & 9 (2) (a) of the GDPR.	Data will be deleted in 2 years.

**3. Processing procedures**

The Controller through its own authorized personnel carries out data processing. Appropriate technical and organizational measures are in place. Results of the experiments with ML do not enlarge the knowledge about any of the data subjects. Data Processing does not have a direct impact on the data subjects.

**4. Data transfers outside the European Economic Area (“EEA”)**

If personal data are required to be transferred outside the European Economic Area ("EEA") the Controller will put in place appropriate safeguards to ensure that personal data are adequately

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protected at the recipient location by ensuring that the data are transferred to a country that provides a level of protection equivalent to that provided by the GDPR. No data transfer is envisaged.

## **5. Data Subject Rights**

Data subject may exercise his/her rights at any time, and in particular:

- confirmation of whether or not personal data concerning him/her are being processed and to obtain access to the data and the following information: purpose of processing; categories of personal data; recipients; storage period; existence of the right to rectification, cancellation and limitation; origin of data not collected from the data subject;
- the cancellation or rectification of inaccurate personal data concerning him/her and/or the integration of incomplete personal data if he/she so wishes, also by providing a supplementary declaration;
- the limitation of processing consisting in the blocking of data processing for the period necessary for the required verifications in the hypotheses foreseen by the regulations in force;
- the portability of the data provided to the Controller including the direct transmission of the data to another data controller, the Controller shall deliver the personal data available on electronic format for common use to allow migration to other media;
- opposition at any time to processing based on the legitimate interest of the Controller;
- revocation of consent, where the processing is based on such legal basis.

## **6. Exercise of data subject's rights and complaints**

Data subject may exercise his/her rights at any time through dbGAP or by contacting the Controller by sending an email to the Controller without any formality or payment of any additional cost: [privacy@neclab.eu](mailto:privacy@neclab.eu). Every request received by the Controller will be taken into consideration after verifying the identity of the person entitled and safeguarding the rights of third parties. Requests will be satisfied as soon as possible and in any case within thirty days, except in the case of objective difficulties which will be communicated in writing within this period. In case of dissatisfaction on the modalities of processing and complaints and for any clarification data subject may write to the Controller, without prejudice to his right to apply to the Authority responsible for the protection of personal data: Der Landesbeauftragte für den Datenschutz und die Informationsfreiheit Baden-Württemberg.

10.07.2023

The Controller - NEC Laboratories Europe GmbH