File Structure and Backup of NIRS/Systemic/MRS Data

L.Beichert

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During the piglet experiments at the MRI-lab

Sorts of Data Files and Their Origins

- NIRS-files (.tdf): NIRS work station under `C://MyDocuments/LWPxxx/`

- systemic data files (.m): main Computer under `C://temp/LWPxxx/`

- 31p MRS files (excel sheets): ask scanning physicist

Structure for Long-Term Saving

- The data of one experiment LWPxxx from the study studyName is to be saved on the main computer into the folder `D://data/studyName/LWPxxx/` as follows:

    - the most recent study log (study_log.xlsx) goes into `/data/study-name/` (overwrite older version)
    - the NIRS files go into subfolder `LWPxxx/nirs/` (use USB-stick to transfer data from NIRS work station to main PC)
    - the systemic files go into subfolder `LWPxxx/systemic/`
    - the 31p excel sheets go into subfolder `LWPxxx/phosphorus/`

- Example:

    - data from experiment LWP330 from the argon-dex study goes into folder `D://data/argon-dex/LWP330/`
    - NIRS files go into `data/study-dir/LWP330/nirs`

- systemic files go into `data/study-dir/LWP330/systemic`
- 31p excel sheet goes into `data/study-dir/LWP330/phosphorus`

Backup to Nikoleta-Server

- For a security backup the complete data is uploaded to the Nikoleta-Server regularly. The server contains a folder for each study that is supposed to be identical with the study folder on the local computer.

- How to upload data to the Nikoleta server

    - On the main computer start FileZilla FTP Client
    - Go to File → Site Manager, select 'NikoletaServer', enter username and password and click connect
    - Navigate to the study directory both on the local and the remote site
    - In order to upload a new 'LWP'-folder from the local site right-click on it an select 'Upload' in the context menu
    - After uploading the new data disconnect by clicking 'Server' → 'Disconnect'