

STANDARD OPERATING PROCEDURE			
Zeiss Celldiscoverer 7 (CD7)			
Supersedes Document/ Revision No: NA	SOP-3-001	Revision Date:	31.10.2022

Item: Zeiss Cell discoverer 7 (CD7)
SIP: 4652000058
Equi-Nr.: 1059207
UKL-Anlagen-Nr.:

This SOP describes startup and shutdown of Zeiss Cell discoverer 7

Usage of SOP: When needed.

Usage of this microscope is only allowed after training by the Core Facility!

Turning on

- Turn on CD7 microscope **#CD1**
- Turn on the Computer **#CD2**
- Log in:
Login: IMT-ZEISS-03
PW: imtzeiss!22
- Accept the opening of the "Fill out usage time" form and fill it in (except for stopping time).
- Start Zen Software
 - Click on „Eject the tray“
 - Use the correct sample holder: none for multi-well plates, but for dishes or slides use adapter
 - Click on "Load sample": The machine will perform an automatic detection of the sample carrier/material/refraction index.

NB: Pre-scan options are common for all users. Do not change them!

TURN Off

- Save you data. **No saving on the desktop!**
- Eject the tray
- Enter stopping time in the Usage Log, add comments if needed, then click on check mark

If someone is scheduled within the next hour

- Exit ZEN software. Close all open windows but do not turn the computer off.
- Leave everything on (PC, laser, incubation ...).

If someone is *not* scheduled after you-

- Exit ZEN software – wait about 10 seconds and then shut down the computer
- CD7 microscope #CD1

End of the session

- Remove all of your waste such as samples, slides, coverslips or paper, and throw it in the appropriate waste bin. GMOs belong in the special autoclave waste bin!
- Fill in the paper log sheet.

For a detailed protocol on how to use the system, please refer to the Basic User Notes.

Daten der ersten und nachfolgenden Bearbeitungen (mind. jährlich)

Rev.-#	Datum	Beschreibung	Verfasst von
001	31.10.2022	1st version	F. Ditengou