FlowJo FROM YOUR COMPUTER USING OA5 LICENSE

1) Firstly, **book** your working time **in** <u>https://imcf-booking.biocev.org/</u> (slot in "Offline Analysis 5 + FlowJo" calendar).

2) If you use computer connected via LAN cable or VPN PORTAL to the BIOCEV network, continue to step 8. **Otherwise**, for connecting to the VPN PORTAL it's necessary to **login in this link** <u>https://vpnportal.biocev.org/remote/login?lang=en</u>.

3) Then click on **Download FortiClient** and **choose** from proposed options (iOS, Android, Windows, Mac).

2)						
1		Launch FortiClient	Download FortiClient •			
			🗯 iOS			
	burar	Bookmarks	🌻 Android			
			🗮 Windows			
	•••••		🗯 Mac			
	Login					
		intranet.biocev.org	phonebook.biocev.org			
	Launch FortiClient					
	Lauren Forticient	C Quick Connection	+ New Bookmark			
		- 4				

4) After you download FortiClient, install it just by running the downloaded file (accept the terms and press on the next and finish button like in common instalation of programmes).

5) After you install FortiClient, there should be its desktop shortcut. Open it, accept the conditions and **configure VPN**: Name the connection **BIOCEV**, name the remote gateway **vpnportal.biocev.org** and **save it**.

FortiClient							-			×
Soubor Nápověda										
FortiClier	nt VPN					ñ	٠	•	i	
Upgrade to the full version to	access additional features	and receive technical supp	ort.							
	Nové připojení	VPN								
	VPN	SSL-VPN	IPsec VPN	XML]					
	Jméno připojení	BIOCEV]					
	Popis									
	Vzdálená brána	vpnportal.biocev.org	inu		×					
	Klientský certifikát Autentizace	Přizpůsobit port Enable Single Sigr Žádný Vyzvat k přihlášen Enable Dual-stack Zrušit	443 a On (SSO) for VPN Tuni (Uložit přihlášení « IPv4/IPv6 address Uložit	nel 🗸]					

6) Finally, sign in. Now, you should be connected to BIOCEV server using VPN PORTAL.

FortiClient Soubor Nápověda		- 🗆 X	SUCCESSFUL CON	INECTION TO VPN
FortiClient VPN		# \$ 0 0 A		(E)
Upgrade to the full version to access additional features and r Název VPN Jméno uživatele Hesio	eceive technical support.		Název VPN IP adresa Jméno uživatele Doba trvání Přijaté byty Odeslané byty	BIOCEV 10.211.16.2 burar 00:00:25 1.37 KB 54.48 KB

7) To connect to FlowJo license from home (and not just from your BIOCEV office) - please use the connection to BIOCEV server through FortiClient first. Users outside Faculty of Science, BIOCEV, must ask IMCF staff (dalibor.panek@natur.cuni.cz) for access to RDC and VNC services. Please provide your BIOCEV user name for access via VPN and/or IP address for direct access from computers at BIOCEV.

8) Use Remote desktop connection. In Win8 and higher go to Start and start to write "remote desktop connection". Click found app. (in case you will have troubles to connect, please refer to Microsoft helpdesk. Usually is the problem in firewall restrictions).



9) Fill the IP address of FlowJo computer and press connect (10.11.16.60)

10) Use another account

11) Fill out Login: User OA5 / Password: imcf and press OK

	Remote Desktop Connecti	on	-		×
-	Remote Desktop Connection				
Computer	10.11.16.60	Ŷ			
User name:	None specified				
You will be a	sked for credentials when you connect.				
Show O	ptions Conn	ect		He	lp

	Windows Security	×
Enter you These creden	r credentials tials will be used to connect to 10.11.16.60.	
P	Petra Grznarova MicrosoftAccount\grznarova.biocev Password	
Rem	Use another account	
	ОК	Cancel

	Windows Security	×
Enter you These creden	r credentials tials will be used to connect to 10.11.16.60.	
0	User OA5 MicrosoftAccount\User OA5	
	User OA5	
m	•••• Domain: MicrosoftAccount	
Rem	nember my credentials	
	ОК	Cancel

12) Certificate verification window will appear. Just click Yes.



13) You will get connected to the FlowJo PC. In case if different user was logged in before you, Windows will ask if you want to switch users. Click Yes. Remote desktop will appear. First **open SEH UTN Manager**, where you will find all licenses which are available.

	SEH UTN Manager 3.3.4 Program Selection List UTN server Port Help
Plewio V40- zastupce Warager Analysis	UTN Manager
	Selection List UTN Server/Device Status Refresh ✓ ☐ uma.biocev.org (10.44.0.55)
1	Port > FlowJo - OAS only (Port 8) Available Activate Deactivate

14) Click on FlowJo – OA5 only (Port 8) and then click Activate.

15) Status "Activated" will appear.

SEH UTN Manager 3.3.4
Program Selection List UTN server Port Help



16) Open FlowJo V10-zástupce. Program will ask for update, please click No.

	TN Manager 3.1.1	3 IN server Port Help		- 🗆 ×
Flowio V10 - SEH UT Confirmation zastupre Manage	is a new version available for downlo	> Dad. Would you like	Properties	SEH
	Tctivate	Yes No	Port name Port number Port status Additional featur	FlowJo 8 Activated
	Deactivate > Howo > Leica L > Leica L	- OA5 only (Port 8) Activated AS X (Port Available AS X ? (Po Available	Automatisms Auto-Connect Devices connecte > Name	Off Off USB DISK
e Horkba				
17) Now you can work 😊.	# 23-Mar-2020 Arr - 2020 Arr + Arr = L			×
	FlowJo File Edit Edit FlowJo File Edit Table Editor Ta	Workspace Tools Configure Add Keyword Monotate Experiment Plate Editor	Cell Cycle	eration Modeling Help
	Navigate Group {□} All Samples {\B} Compensation	Experiment	Biology Size Role 0	Test
18) At the end of your session, p	lease quit the software			
19) And be sure that you click Deactivate! Please, be aware to	at FlowJo license and	SEH UTN Manager 3.3.4 Program Selection List UTN server	OWJO.LLC www.flowjo.co	om ©1997-2018
disable the license for other use	ers if you will skip it!	UTN Ma	nager	
		Selection List UTN Server/De Refresh > Carl Zi Edit > Carl Zi Port > FlowJoc Activate > FlowJoc	vice Status biocev.org (10.44.0.55) biss LSN880 ZEN (Port Available b - Floating (Port 5) Available AXS (Port 6) Occupied by User b - OA5 only (Port 8) Activated	OA3@OA3 (10.11.16.64)

20) At the end of your session please quit remote desktop connection.

