Importing & Exporting Data in BioNumerics



Beth McGlinchey May 2009







Import Demographic Information
Create ODBC Link
Download Data
Export Data into Excel





Import Demographic Information

What can be imported?

- Data located in Microsoft Excel or Microsoft Access
- Database fields (ex. patient age, source site)
- Character data (antimicrobial profiles—not covered in this presentation)
- Sequence data (not covered in this presentation)





Import Demographic Information

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First row of Excel should contain database field names (they do not have to be the same as those found in BioNumerics)

Open the Excel file and note the name of the sheet (default: Sheet1)



31 32 33

Sheet1 / Sheet2 / Sheet

Overview

Import Demographic Information
<u>Create ODBC Link</u>
Download Data
<u>Export Data into Excel</u>





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In the main screen of BioNumerics, select Database→ ODBC link→ Configure external database link...





ODBC configuration	
ODBC data source: Select	
Database table or query:	ОК
	Cancel

Press "Select" to bring up the Windows ODBC configuration wizard





















🝯 ODBC database import

BioNumerics

PatientAge 🔄

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Link

Unlink

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Ok.

Cancel

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linked



Import Demographic Information
Create ODBC Link
<u>Download Data</u>
Export Data into Excel





Import: Download Data

🝯 BioNumerics

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Select Database→ ODBC link→ Copy from external database...





Import: Download Data





Import Data into BioNumerics

- Link imported isolates to the appropriate lane on the analyzed gel
- Check for spelling errors for serotype and demographic information
- Click on V to make sure:
 - No extra spaces
 - No spelling errors
 - Information matches the pull-down menus
 - Information is in the proper format
 - i.e. YYYY-MM-DD date format and 00:00:00 does NOT appear after the date

Download can be performed each time the excel file is modified







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Manually select isolates or select isolates by query (i.e., isolates that are in cluster 0901NYJJP-1) that you want to export into Microsoft Excel

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In the comparison screen of BioNumerics, select File→ Export database fields





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5	067-07865-12558	Newport	JJPX01.0170	Confirmed	USA	8/31/2006
6	067-10215-12479	Newport	JJPX01.0170	Confirmed	USA	8/31/2006
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8	067-11232-12504	Newport	JJPX01.0170	Confirmed	USA	9/21/2006
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12	067-12834-12521	Newport	JJPX01.0170	Confirmed	USA	8/31/2006





Summary

Imported Demographic Information
Created ODBC Link
Downloaded Data
Exported Data into Excel









Thank you for your attention The findings and conclusions in this presentation are those of the author and do not necessarily represent the views of the Centers for Disease Control and Prevention



