



**BRITISH COLUMBIA SOCIETY OF LABORATORY SCIENCE**

# ***VIROLOGY***

## *Course Highlights*

- Basic Virology
- Pathogenesis of Virus Infections
- Principles of Viral Diagnosis
- Update on Hepatitis: A,B,C,D,E,G
  - Zoonotic & Retro Viruses
  - Agents targeting various organs

## **Benefit from the expertise of the BC Centre of Disease Control**

This set of 12 audio DVD's, with explanatory handouts, was developed by the BCCDC.

|    |                                    |                          |
|----|------------------------------------|--------------------------|
| 1  | Basics of Virology                 | Sean Byrne, PhD          |
| 2  | Respiratory Viruses – I            | Sean Byrne, PhD          |
| 3  | Respiratory Viruses – II           | Sean Byrne, PhD          |
| 4  | Agents Targeting the GI Tract      | Gail McNabb              |
| 5  | Continuum of Hepatitis C Care      | Mel Krajden, MD, FRCP(C) |
| 6  | Hepatitis A, B (not C), D, E, G    |                          |
| 7  | Agents Targeting the Heart and CNS | Annie Mak                |
| 8  | Agents Targeting Blood Cell        | Sean Byrne, PhD          |
| 9  | Human Retroviruses                 | Darrel Cook              |
| 10 | Zoonotic Viruses – Part 1          | Muhammad Morshed, PhD    |
| 11 | Zoonotic viruses – Part 2          | Muhammad Morshed, PhD    |
| 12 | Agents Targeting the Skin or Eyes  | Ron Gillies              |

This course is designed to provide technologists with the basic concepts of viral replication and pathogenesis, an understanding of viral diagnosis and a review of and currently topical virus infections. The lectures on DVD's include: basic virology, principles of viral diagnosis, update on hepatitis viruses, agents targeting different parts of the human body, retroviruses and zoonotic viruses.

This course consists of 9 hours of study (12 lectures, each 45 minutes) with a 2-hour examination. This course is assigned 1.0 credits by the CSMLS (CSMLS #4041-7: revision of Virtual Virology) under the continuing Professional Studies (CPS) program and competency assurance credits under



the CSMLS Professional Enhancement Program.

- One set of 12 DVD's and a course manual will be sent to the registrant. The manual is copyrighted and must not be copied.

## OBJECTIVES

This correspondence course is offered by the BCSLS in conjunction with BCCDC:

1. to provide students with concepts of viral replication and pathogenesis
2. to provide an understanding of viral diagnosis and application of new technologies
3. to review several important and currently topical virus infections.

This course consists of 9 hours of study (12 lectures @ 45 minutes) with a 2-hour examination. This course is assigned 1.. credit by the CSMLS (#4041-7: REVISION OF Virtual Virology) under the Continuing Professional Studies (CPS) program and competency assurance credits under the CSMLS Professional Enhancement Program.

This course is designed to provide technologists with the basic concepts of viral replication and pathogenesis, and understanding of viral diagnosis and a review of some of the important and currently topical virus infection.

## INSTRUCTIONS

1. Upon receipt of the Virology package, verify that you have received the correct numbered DVD's, and the course manual.

PLEASE NOTE THESE ARE AUDIO-DVD's, PLAYED AS MUSIC CDs.

2. Begin studying from the audio-DVD's and course manual. You may wish to refer to other laboratory technology texts.
3. Choose an invigilator – a responsible adult who is NOT a friend or a relative, and two weeks before you would like to write the exam, you need to email the BCSLS office and let us know the name, address and phone number of the person who is acting as invigilator.
4. The allotted time limit for the exam is 2 hours. The invigilator will open and give you the exam. The invigilator must sign the invigilator statement verifying that the exam was completed within the allotted time limit and that no resource material was available during the exam. The invigilator will seal exam in return envelope and mail it back to us.
5. Please complete the evaluation. This information will assist us in improving our programs.
6. Return the evaluation to:

BCSLs  
 #720 - 999 West Broadway Street  
 Vancouver, BC  
 V5Z 1K5

7. Your marks will be mailed to you within 4-6 weeks.



## COMPLETING THE PROGRAM

- You have TWO months to complete your studying.
- If, for some reason, you require additional time please contact the BCSLS Education Coordinator to arrange an extension.
- Exam marks will be released 4-6 after the office receives your examination.
- If you do not complete the exam, you will be given an *INCOMPLETE* standing.

## ASSISTANCE AVAILABLE!!!!

If you require assistance with the any aspect of the program or material, please call the BCSLS office. Every effort will be made to assist you or to refer your questions to the marker.

Opinions expressed by the speakers should not be considered the opinion of the BCSLS.

## REGISTRATION:

### COURSE FEES:

**BCSLS Members: \$295**

**Non-members: \$350**

You can register online at <http://www.bcsls.net/pages/ed-training.html>



RE: Virology 2001 Course Exam – Closed Book

For your information, the exam is 2 hours and consists of four sections:

I Multiple choice questions 15 marks

e.g. Circle or tick the correct response. Only one answer will be correct. (1 mark each)

II Multiple multiple choice questions 26 marks

e.g. Circle or tick the correct response. Use the key below (2 marks each)

Instructions: In each question two or more of the answers is correct. Circle the appropriate letter.

- a - If ONLY 1, 2 and 3 are correct
- b - If ONLY 1 and 3 are correct
- c - If ONLY 2 and 4 are correct
- d - if ALL are correct

III True and false questions 10 marks

e.g. Check the correct response (1 mark each)

IV Short answer questions 83 marks

e.g. Short Answer (marks as indicated in each question).

PASS is 50%.

Please call us if you have any further questions. Good luck on the exam!



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