



Course catalogue



Standard classroom training

Autoimmune diagnostics – Course A (YR 9800-0101-2)

Systemic autoimmune rheumatic diseases: anti-dsDNA, anti-U1-nRNP, anti-SS-A/-B, anti-Scl-70, anti-Jo-1, etc.
 Rheumatoid arthritis: anti-CCP, rheumatoid factor IgM
 Anti-phospholipid syndrome: anti-cardiolipin, anti-beta-2-GP1
 ANCA-associated vasculitis: anti-PR3, anti-MPO
 Autoimmune liver diseases: AMA, ASMA, anti-F-actin, anti-LKM, anti-SLA/LP, etc.
 Primary membranous nephropathy: anti-PLA2R, anti-THSD7A
 Paraneoplastic syndromes: anti-Hu, anti-Ri, anti-Yo, etc.
 Autoimmune encephalitis: anti-NMDAR, anti-LGI1, etc.
 Acquired demyelinating diseases: anti-AQP-4, anti-MOG
 Myasthenia syndromes: anti-AChR, anti-MuSK

- Diagnostic strategies
- Autoantibody determination
- Fluorescence patterns on HEp-2 cells, liver (primate), ethanol- and formalin-fixed granulocytes, kidney (rat), stomach (rat), liver (rat), cerebellum (primate), intestine (primate), pancreas (primate), nerves (primate), transfected cells
- Microscopy of demonstration slides and slides from routine diagnostics

Duration:
3 days

Autoimmune diagnostics – Course B (YR 9800-0101-4)

Content of “Autoimmune diagnostics – Course A” plus the following topics:

- Autoimmune dermatoses: anti-Dsg1/3, anti-BP180, etc.
- Coeliac disease: EmA, anti-tTG, anti-DGP
- Chronic inflammatory bowel diseases: calprotectin, etc.
- Fluorescence patterns on goblet cells, Saccharomyces cerevisiae, stomach (primate), oesophagus (primate), salt-split skin (primate)
- Microscopy of demonstration slides and slides from routine diagnostics

Automation solutions: presentation of devices and software
 Visit to the production facilities in Dassow

Duration:
4 days

Autoimmune and allergy diagnostics (YR 9800-0101-31)

Content of “Autoimmune diagnostics – Course A” plus the following topics:

- Basics of allergy diagnostics and product overview
- Diagnostic strategy
- Total & specific IgE
- Anti-CCD antibodies
- Molecular allergy diagnostics
- Basics of food sensitivity and product overview

Automation solutions: presentation of devices and software
 Visit to the production facilities in Dassow

Duration:
4 days



Autoimmune and infection diagnostics (YR 9800-0101-6)

Content of "Autoimmune diagnostics – Course A" plus the following topics:
 Introduction to the following infection parameters: TORCH, Epstein Barr virus, Borrelia, Treponema pallidum, Chlamydia

- Basic principles
- Antibody determination
- Avidity determination
- Overview of CSF diagnostics

Automation solutions: presentation of devices and software
 Visit to the production facilities in Dassow

Duration:
4 days

Neurology (YR 9800-0101-7)

Paraneoplastic syndromes: anti-Hu, anti-Ri, anti-Yo, etc.
 Autoimmune encephalitis: anti-NMDAR, anti-LGI1, etc.
 Acquired demyelinating diseases: anti-AQP-4, anti-MOG
 Myasthenia syndromes: anti-AChR, anti-MuSK

- Diagnostic strategies
- Autoantibody determination
- Fluorescence patterns on cerebellum (primate), intestine (primate), pancreas (primate), nerves (primate), transfected cells
- Microscopy of demonstration slides and slides from routine diagnostics

Duration:
1.5 days

Infection diagnostics (YR 9800-0101-8)

Infection parameters: TORCH, Epstein Barr virus, Borrelia, Treponema pallidum, Chlamydia

- Basic principles
- Antibody determination
- Avidity determination
- CSF diagnostics

Duration:
1 day



Standard online training

Rheumatology: ANA – Basic webinar (YR 9800-0101-20)

Systemic autoimmune rheumatic diseases

- Diagnostic strategies
- Autoantibody determination: anti-dsDNA, anti-U1-nRNP, anti-SS-A/-B, anti-Scl-70, anti-Jo-1, etc.
- Fluorescence patterns on HEp-2 cells, liver (primate)

Duration:
5 hours

Rheumatology: ANA – Refresher webinar (YR 9800-0101-21)

Refresher of the course content of "Rheumatology: ANA – Basic webinar"

Duration:
5 hours



Rheumatology: ANCA – Basic webinar (YR 9800-0101-22)

ANCA-associated vasculitis

- Diagnostic strategies
- Autoantibody determination: anti-PR3, anti-MPO
- Fluorescence patterns on ethanol- and formalin-fixed granulocytes

Duration:
2 hours

Rheumatology: ANCA – Refresher webinar (YR 9800-0101-23)

Refresher of the course content of “Rheumatology: ANCA – Basic webinar”

Duration:
2 hours

Hepatology – Webinar (YR 9800-0101-24)

Autoimmune liver diseases

- Diagnostic strategies
- Autoantibody determination: AMA, ASMA, anti-F-actin, anti-LKM, anti-SLA/LP, etc.
- Fluorescence patterns on HEp-2 cells, liver (primate), liver (rat), kidney (rat), stomach (rat)

Duration:
2 hours

Neurology – Basic webinar (YR 9800-0101-25)

Paraneoplastic syndromes: anti-Hu, anti-Ri, anti-Yo, etc.

Autoimmune encephalitis: anti-NMDAR, anti-LGI1, etc.

Acquired demyelinating diseases: Anti-AQP-4, anti-MOG

Myasthenia syndromes: anti-AChRAB, anti-MuSK

- Diagnostic strategies
- Autoantibody determination
- Fluorescence patterns on cerebellum (primate), intestine (primate), pancreas (primate), nerves (primate), transfected cells

Duration:
5 hours

Neurology – Refresher webinar (YR 9800-0101-26)

Refresher of the course content of “Neurology – Basic Webinar”

Duration:
5 hours

Gastroenterology – Webinar (YR 9800-0101-27)

Coeliac disease: EmA, anti-tTG, anti-DGP

Chronic inflammatory bowel diseases: calprotectin, etc.

Autoimmune gastritis / pernicious anaemia: PCA, anti-IF

- Diagnostic strategies
- Autoantibody determination
- Fluorescence patterns on liver (primate), transfected cells, ethanol- and formalin-fixed granulocytes, goblet cells, Saccharomyces cerevisiae, stomach (primate)

Duration:
2 hours



Nephrology – Webinar (YR 9800-0101-28)

Primary membranous nephropathy: anti-PLA2R, anti-THSD7A
 Anti-GBM disease: anti-GBM
 Kidney function: uromodulin
 Acute glomerulonephritis: sCD163

- Diagnostic strategies
- Autoantibody determination
- Fluorescence patterns on kidney (primate), transfected cells

Duration:
2 hours

Dermatology – Webinar (YR 9800-0101-29)

Autoimmune dermatoses: anti-Dsg1/3, anti-BP180, etc.

- Diagnostic strategies
- Autoantibody determination
- Fluorescence patterns on oesophagus (primate), salt-split skin (primate), transfected cells

Duration:
2 hours

Allergy diagnostics – Webinar (YR 9800-0101-30)

Basics of allergy diagnostics and product overview

- Diagnostic strategy
- Total & specific IgE
- Anti-CCD antibodies
- Molecular allergy diagnostics
- Case studies

Duration:
2 hours



Individual requests for customer training

Customised classroom training (YR 9800-0101-1)

Individual selection of course content

Duration:
customised

Customised online training (YR 9800-0101-3)

Individual selection of course content

Duration:
customised

