

Academy 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 Antiphospholipid 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 Myasthenic 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), VSM47 cells, 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: Bullous autoimmune dermatoses: anti-Dsg1/3, anti-BP180, etc. Coeliac disease: EmA, anti-tTG, anti-DGP Chronic inflammatory bowel diseases: faecal calprotectin, anti-intestinal goblet cells, anti-exocrine pancreas, ANCA, ASCA • Fluorescence patterns on oesophagus (primate), salt-split skin (primate), transfected cells, liver (primate), ethanol- and formalin-fixed granulocytes, goblet cells, <i>Saccharomyces cerevisiae</i> • 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 • Detection methods immunoblot and ChLIA • 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: Infection diagnostics (short introduction): Basic principles • Avidity determination • Overview of CSF diagnostics Pathogens • ToRCH (pregnancy-relevant infections) • Epstein-Barr virus 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 Myasthenic 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)	
Basic principles • Avidity determination • CSF diagnostics: blood/CSF barrier, intrathecal antibody production, calculation of the antibody index (AI) Pathogens • ToRCH: pregnancy-relevant infections • Epstein-Barr virus (EBV): serological challenges, most important antigens (EBV-CA, EBV-EA, EBNA) and avidity • <i>Treponema pallidum</i>: 3-step diagnostic strategy • <i>Chlamydia</i>: diagnostic strategy	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), VSM47 cells	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 Myasthenic syndromes: anti-AChR, 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: faecal calprotectin, anti-intestinal goblet cells, anti-exocrine pancreas, ANCA, ASCA 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, <i>Saccharomyces cerevisiae</i>, 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)	
Bullous 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 • Detection methods immunoblot and ChLIA • 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

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