

Kursleder Asbjørn Ødegård



Asbjørn Ødegård har vært spesialist i radiologi siden 1995 og har etter dette vært tilknyttet Kar-Thorax seksjonen ved Klinikk for bildediagnostikk på St. Olavs hospital i Trondheim, siden 2009 som seksjonsoverlege. Han har jobbet mye med angiografi og karintervensjon, de siste årene også nevrovaskulær intervensjon. I tillegg har han lang erfaring med CT og til dels MR som diagnostisk verktøy ved sykdommer i kar og thorax. Asbjørn har vært involvert i innkjøp av CT-maskiner til sykehuset i hele perioden og har opparbeidet seg en del nødvendig teknisk kunnskap. Han er spesielt interessert i bearbeiding av bildedata ved hjelp av ulike 3D-verktøy. Asbjørn har vært kursleder og foredragsholder ved en rekke kurs for spesialister og spesialistkandidater, spesielt innenfor karkirurgi, kar- og thoraxradiologi. Han har vært med på å skrive noen artikler.

Zlatan Alagic



Resident Physician in Medical Radiology, Karolinska University Hospital, Solna (2014)
PhD-candidate at the Department of Clinical Science, Intervention and Technology, Karolinska Institutet (2018)

Nationality: Swedish

E-mail: zlatan.alagic@sll.se

EDUCATION AND TRAINING

University examinations and degrees

Master of Science in Medicine, Karolinska Institutet, Solna, 2006-2012

Internship, Karolinska University Hospital, Solna, 2012-2013
License to practise medicine (year/Country): 2013, Sweden

Language skills: Swedish (native), English (fluent), Bosnian (fluent), German (intermediate)

Previous major professional appointments

Assistant Physician, Emergency Department, Ryhov County Hospital, Jönköping, 2011-2012

Assistant Physician, Neurology Department, Ryhov County Hospital, Jönköping, 2011

Researcher within experimental audiology: "Organic electronics for delivery of drugs and neurotransmitters to protect and modulate mammalian hearing.", Unit of Pharmacology and Physiology, Karolinska Institute, 2008-2011

Assistant Physician, Trauma unit, Motol University Hospital, Prague, Czech Republic, 2009

ACADEMIC AND PROFESSIONAL ACTIVITIES

Memberships in scientific societies, foundations etc., scientific presentations

Radiological Society of Sweden

European Congress of Radiology

American Society of Emergency Radiology

Swedish Society of Musculoskeletal Radiology

Swedish Society of Breast Radiology

Swedish Medical Association

Oral presentation, Significant radiation-dose reduction in CT-guided musculoskeletal biopsies using iterative reconstructions and a wide area detector, ECR 2018, Vienna, Austria

Oral presentation, A new low-dose multi-phase trauma CT-protocol and its impact on diagnostic assessment and radiation dose in multitrauma patients, ECR 2017, Vienna, Austria

Oral presentation, Downhill racing and MSK-injuries, The Swedish Radiology Week "Röntgenveckan", 2016, Stockholm, Sweden

Poster presentation, First experiences after the installation of GEs Revolution MDCT and a modification of the CT-protocol for polytrauma patients at the emergency radiology unit at Karolinska University Hospital Solna, ASER 2015, Key Biscayne, Miami, Florida

II PUBLICATIONS

Original articles in international peer-reviewed scientific journals

Alagic Z, Eriksson A, Drageryd E, Motamed SR, Wick MC. A new low-dose multi-phase trauma CT protocol and its impact on diagnostic assessment and radiation dose in multi-trauma patients. *Emergency Radiology* 2017; 24(5):509-518.

Alagic Z, Goiny M, Canlon B. Protection against acoustic trauma by direct application of D-methionine to the inner ear. *Acta Otolaryngologica* 2011;131(8):802-8.

Barenus B, Inngul C, Alagic Z, Enocson A. Cemented versus uncemented arthroplasty in patients with a displaced femoral neck fracture: A 4-year follow-up of a randomised controlled trial. *Bone Joint J* 2018, accepted for publication

Anders Persson



Anders Persson (Professor, överläkare) är professor i medicinsk bildvetenskap, överläkare och föreståndare för Centrum för CMIV vid Linköpings universitet som han varit en av initiativtagarna till. Ämnesföreträdare för radiologiska vetenskaper inom röntgen och radiofysik Linköpings universitet. Gästprofessor vid Karolinska institutet, Stockholm. Han har arbetat inom området visuell representation av medicinska radiologiska data och medicinska tillämpningar i över 25 år. Som röntgenläkare och forskare har han arbetat med forskning samt införande och validering av nya visualiseringsverktyg i den kliniska miljön. Forskningsfokus på i första hand datortomografiska hjärtapplikationer, postmortel imaging, fett forskning samt nya kontrastmedel för dubbel energi. Flertal styrelse och styrgruppsuppdrag både internationellt och nationellt exempelvis styrgruppsordförande för pågående nationellt projektet i Digital patologi. Han har varit gästprofessor Mayo Clinic USA, 2009. Har publicerat 200 referee-granskade publikationer och konferensbidrag. Mer än 450 inbjudna föredrag och författare till 8 bokkapitel. Flera internationella och nationella utmärkelser så som RSNA Cum Laude, Lennart Nilsson Award, Athena priset, stora kunskapspriset och " The Royal College Combined Scientific Gold Medal in UK. 2013".

20 juni 2017 fick Professor Anders Persson H.M. KONUNGENS MEDALJ, 12:e storleken i

Serafimerordens band, för betydande insatser inom medicinsk bildvetenskap.

Joachim Ernst Wildberger



Joachim Ernst Wildberger, MD, PhD
Maastricht University Medical Centre (MUMC+)
the Netherlands
Position: Professor and Chairman

Education

04/1993 - 03/1994 Internship, Medical Clinic II (Cardiology/Nephrology)
Maria Hilf GmbH, Mönchengladbach, Germany
(Head: Prof. Dr. med. D. Larbig)
04/1994 - 09/1994 Internship, Department of Diagnostic Radiology
University of Leipzig, Germany
(Chairman: Univ.-Prof. Dr. med. H.-G. Schulz)
10/1994 – 12/1998 Residency, Department of Diagnostic Radiology
University Hospital, RWTH Aachen, Aachen, Germany
(Chairman: Univ.-Prof. Dr. med. R. W. Günther)
12/1998 Board Certification in Diagnostic Radiology

Post graduate positions

12/1998 – 07/2002 Assistant Professor, Department of Diagnostic Radiology
University Hospital, RWTH Aachen, Aachen, Germany
07/2002 – 07/2007 Associate Professor, Department of Diagnostic Radiology
University Hospital, RWTH Aachen, Aachen, Germany
05/2006 – 07/2007 Vice Chairman, Department of Diagnostic Radiology
University Hospital, RWTH Aachen, Aachen, Germany
08/2007 – present Professor of Radiology, RWTH Aachen, Aachen, Germany
08/2007 – 06/2008 Head of Department, Department of Diagnostic Radiology
HELIOS Klinikum Berlin-Buch, Charité Campus Buch, Germany
07/2008 – present Full Professor and Chairman, Department of Radiology and
Nuclear Medicine Maastricht University Medical Centre (MUMC+)
Maastricht, the Netherlands

03/2014 – present Director, Division of Medical Laboratories & Diagnostic Imaging
Maastricht University Medical Centre (MUMC+)
Maastricht, the Netherlands

Memberships

Member, “Deutsche Röntengesellschaft (DRG) 1995 – present
Member, “Cardiovascular Interventional Radiological Society of Europe (CIRSE)” 1997 – present
Member, “Akademie für Fort- und Weiterbildung in der Radiologie (AkRad)” 1999 – present
Member, “European Congress of Radiology (ECR)” 2000 – present
Member, “Arbeitsgemeinschaft Thoraxradiologie, DRG” 2002 – present
Member, “Arbeitsgemeinschaft Interventionelle Radiologie, DRG” 2003 – 2008
Member, “Deutsche Gesellschaft für Interventionelle Radiologie, DRG” 2008 – present
Member, “Gesellschaft für Pädiatrische Radiologie” 2005 – 2011
Member, “Deutsche Gesellschaft für Ultraschall in der Medizin (DEGUM)” 2006 – 2013
Fellow, “Cardiovascular Interventional Radiological Society of Europe (CIRSE)” 2006 – present
Member, “Radiological Society of North America (RSNA)” 2008 – present
Member, “Nederlandse Vereniging voor Radiologie (NVvR)” 2008 – present
Member, “Sectie Thoraxradiologie, NVvR” 2009 – present
Member, “Sectie Cardiovasculaire Radiologie, NVvR” 2009 – present
Member, “European Society of Thoracic Imaging (ESTI)” 2009 – present
Member/Secretaris, “Stichting Universitaire Radiologie Nederland (SURN)” 2009 – 2012
Member, “European Society of Cardiac Imaging (ESCR)” 2010 – present
(Founding) Member, “European Society of Emergency Radiology (ESER)” 2011 – present
Chairman, Industry Relations Committee, “European Society of Thoracic Imaging (ESTI)” 2011 – 2017
Member, Scientific Program Committee, “European Society of Cardiac Imaging (ESCR)” 2011 – 2014
Member, Executive Committee, “European Society of Cardiac Imaging (ESCR)” 2014 – 2017
Chairman, “Sectie Cardiovasculaire Radiologie, NVvR” 2011 – 2017
Member, “Federatie Medisch Specialisten” 2015 – present
Member, “Board of Recommendation”, “Benelux Chapter of the International Society for Magnetic Resonance in Medicine” (ISMRM) 2015 – 2018
Member, “Nederlandse Vereniging voor Nucleaire Geneeskunde (NVNG)” 2016 – present
Counsellor Executive Committee European Society of Thoracic Imaging (ESTI) 2017 - 2019

Honours

Research and Education Fund 2003 of the European Congress of Radiology.
“Novel approach to pulmonary embolism by multi-slice CT: Subtraction technique using perfusion weighted color maps”.
15th European Congress of Radiology, Vienna, March 7-11, 2003.

Hanns-Langendorff Award 2004 of the Vereinigung Deutscher Strahlenschutzärzte e.V.
“Clinical concepts for dose reduction using multislice spiral CT”.
45th Annual Meeting of the Vereinigung Deutscher Strahlenschutzärzte, Zeuthen, May 13-15, 2004.
Research and Education Fund 2005 of the European Congress of Radiology.
“Multislice spiral computed tomography for assessment of myocardial viability in myocardial infarction”.
17th European Congress of Radiology, Vienna, March 4-8, 2005.

Eugenie-und-Felix-Wachsmann Award 2008 of the German Academy of Education and Training in Radiology.

89th Congress of the German X-ray Society, Berlin, April 30-May 3, 2008.

Publications

Author and co-author of more than 300 peer-reviewed scientific papers in international journals.

Link: <http://www.ncbi.nlm.nih.gov/pubmed/?term=wildberger+j>

Sanjeev Bhalla



Present Position:

Professor of Radiology, Section Chief, Cardiothoracic Imaging Section
Mallinckrodt Institute of Radiology

Assistant Residency Program Director and Vice-Chair for Education
Diagnostic Radiology
Mallinckrodt Institute of Radiology

Cardiothoracic Trustee, American Board of Radiology (2017-present)

Education:

Undergraduate Education: Yale University (1986-1990)
New Haven, Connecticut
B.S. (Intensive) Biology

Graduate Education: Columbia University College of Physicians and
Surgeons (1990-1994)
New York, New York

Residency: Diagnostic Radiology (1995-1999)
Mallinckrodt Institute of Radiology
Washington University School of Medicine
St. Louis, Missouri

Fellowship: Thoracic Imaging (1999-2000)

Mallinckrodt Institute of Radiology
Washington University School of Medicine
St. Louis, Missouri

Honors and Awards:

Undergraduate: Summa cum laude, phi beta kappa

Graduate: Alpha Omega Alpha

Residency: Chief Resident 1998-1999

Fellowship: Fellow of the Year 2000

Post Fellowship:

Teacher of the Year 2017, 2011 and 2003

RSNA Honored Educator 2017, 2015, 2016, 2017, 2018

Distinguished Teaching Award in Radiology Residency [1 of 4] (2001-2018)

Clinician of the Year 2012

Recent Bibliography:

Broncano J, Vargas D, Bhalla S, Cummings KW, Raptis CA, Luna A. CT and MR Imaging of Cardiothoracic Vasculitis. *Radiographics*. 2018 Jun 8

Cascio V, Hon M, Haramati LB, Gour A, Spiegler P, Bhalla S, Katz DS. Imaging of suspected pulmonary embolism and deep venous thrombosis in obese patients. *Br J Radiol*. 2018 Jun 27:

Raptis CA, Robb CL, Bhalla S. Tumor Staging of Lung Cancer: Essential Concepts for the Radiologist. *Radiol Clin North Am*. 2018 May;56(3):391-398.

Ganeshan D, Menias CO, Pickhardt PJ, Sandrasegaran K, Lubner MG, Ramalingam P, Bhalla S. Tumors in von Hippel-Lindau Syndrome: From Head to Toe-Comprehensive State-of-the-Art Radiographics. 2018 Mar 30 [Epub ahead of print]

Masrani A, McWilliams S, Bhalla S, Woodard PK. Anatomical associations and radiological characteristics of Scimitar syndrome on CT and MR. *J Cardiovasc Comput Tomogr*. 2018 Feb 3. [Epub ahead of print]

Ballard DH, Pennington GP 2nd, Pennington GP, Johnson J, Bhalla S, Raptis C. Necrotizing infection of the heart. Clin Imaging. 2018 Feb 6;51:111-113. [Epub ahead of print]

Aluja Jaramillo F, Gutierrez FR, Díaz Telli FG, Yevenes Aravena S, Javidan-Nejad C, Bhalla S. Approach to Pulmonary Hypertension: From CT to Clinical Diagnosis. Radiographics. 2018 Mar-Apr;38(2):357-373.. Epub 2018 Feb 12.

Raptis CA, McWilliams SR, Ratkowski KL, Broncano J, Green DB, Bhalla S. Mediastinal and Pleural MR Imaging: Practical Approach for Daily Practice. Radiographics. 2018 Jan-Feb;38(1):37-55.

Saling LJ, Raptis DA, Parekh K, Rockefeller TA, Sheybani EF, Bhalla S. Abnormalities of the Coronary Arteries in Children: Looking beyond the Origins. Radiographics. 2017 Oct;37(6):1665-1678.

Jawad H, McWilliams SR, Bhalla S. Cardiopulmonary Manifestations of Collagen Vascular Diseases. Curr Rheumatol Rep. 2017 Oct 9;19(11):71.

Joseph Jacob



Joseph Jacob graduated as a doctor from Imperial College, London. After 2 years working for Medicines sans frontiers in Africa and India he trained as a radiologist at Kings College Hospital, London and Auckland City Hospital, New Zealand. He underwent sub-specialist training in chest radiology and completed an MD(Research) at Imperial College under Professor David Hansell at the Royal Brompton Hospital. His area of special interest is computer-based analysis of CT imaging in interstitial lung disease.

Joseph is working at University College London as a Wellcome Trust Clinical Research Career Development Fellow. His current interests are in the use of machine learning techniques to identify early interstitial lung disease appearances on CT and the characterization of phenotypes of progressive lung fibrosis. He has won several national and international awards for his work using computer analysis of CT imaging to evaluate interstitial lung disease including the Jack Westcott Award for the best presentation at the American Society of Thoracic Radiology 2016, the Ansell prizes from the Royal College of Radiologists in 2016 and 2017 and the Magna cum Laude prize from the European Society for Thoracic Imaging 2015. He was also awarded the UK National Heart and Lung Institute prize for the best thesis of 2017.

In addition to authoring book chapters he has written 12 papers in the past 18 months related to computer CT analysis. He has been invited to talk for consecutive years on machine learning at the Radiological Society of North America. Two of his papers were presented at the 2017 American Thoracic Society conference as being amongst the five most important imaging papers of 2016.

Mark Bernstein, MD



Clinical Associate Professor of Radiology
Trauma & Emergency Radiology
NYU School of Medicine / NYU Langone Health / Bellevue Hospital
New York City

Since arriving at NYU/Bellevue Radiology 15 years ago to establish the Emergency Radiology section, Dr. Bernstein expanded the focus and diagnosis of trauma. He has compiled a series of trauma protocols for the Bellevue Emergency CT scanner so patients undergo a complete diagnostic workup in just a single visit. In addition, he established an updated multidisciplinary cervical spine clearance regimen.

As NYU Medical Center has expanded to NYU Langone Health incorporating two additional level 1 trauma centers, Dr. Bernstein has led initiative to update comprehensive whole-body CT protocols at these sites and aided as the trauma radiology liaison for the American College of Surgeons accreditation proceedings.

He has been extensively involved in resident and medical student teaching, and is an international speaker. Dr. Bernstein has authored many papers and chapters on topics of trauma imaging and recently served as President of the American Society of Emergency Radiology.

Anders Magnusson



2014-2018 Professor em. i radiologi vid Uppsala universitet.

2000–2014 Professor i radiologi vid Uppsala universitet.

1984-2014 Överläkare med huvudansvar för uroradiologisk diagnostik och intervention vid Bild och funktionsmedicinskt centrum, Akademiska sjukhuset, Uppsala.

Aktuella forskningsområden

CT vägledning intervention. Kontinuerligt arbetat med att utveckla tekniken och konstruera hjälpmedel för att förbättra och förenkla CT vägleda ingrepp.

Reducering av stråldosen vid CT undersökning av urinvägarna. Kontinuerligt arbete med att reducera stråldosen utan att diagnostisk värdefull information förloras.

Preoperativ planering av perkutan stenextraktion med 3D-CT. I ett projekt har en teknik utvecklats för att framställa biomodeller vid fall med komplicerade stenar i njurbäckenet.

Perkutan ablation av njurtumörer.

Han har publicerat många vetenskapliga artiklar samt bokkapitler.

Paul Nikolaidis



Dr. Nikolaidis is currently Professor of Radiology at Northwestern University in Chicago. He attended Medical School at Boston University, followed by Radiology Residency at the University of Texas/MD Anderson Cancer Center in Houston and an Abdominal Imaging fellowship at Brigham and Women's Hospital/Harvard Medical School in Boston.

Dr. Nikolaidis has authored or co-authored over 90 peer-reviewed publications, along with invited reviews, book chapters, and books. He has presented at many national and international scientific meetings. He has been invited to lecture as a visiting professor at several medical centers in the United States and Canada. Other honors and awards include the RSNA Honored Educator Award in 2017, two Cum Laude awards from the Radiological Society of North America and the Roscoe E. Miller Award for best scientific paper from the Society of Abdominal Radiology.

Teaching residents and medical students has been very important to Dr. Nikolaidis. He is director of the Abdominal Imaging rotation at Northwestern University. He has served as medical student advisor and mentor to over 80 students. He has twice been awarded the Departmental Excellence in Teaching Award for outstanding dedication to resident education.

Dr Nikolaidis has been elected to Fellowship by the Society of Uroradiology, Society of Abdominal Radiology, European Society of Urogenital Radiology, and Corresponding Fellow of the European Society of Gastrointestinal and Abdominal Radiology. He has served on the ACR Appropriateness Criteria Expert Panel on Urologic Imaging since 2010, was Vice-chair in 2015-2017, and is currently Chair of Urologic Imaging Panel 1. He has also served on many committees of the RSNA, Society of Abdominal Radiology and American Roentgen Ray Society.

Christine O. Menias



Dr. Christine O. Menias is a Professor of Radiology in the Abdominal Radiology section at the Mayo Clinic College of Medicine and Science, Arizona, USA. She joined Mayo Clinic in 2013, is a Consultant in the Department of Radiology, and is Chair of the Division of Abdominal Imaging, Mayo Clinic-Arizona. Prior to this she was Professor of Radiology at Washington University, and director of Body CT and Emergency Radiology, in addition to being the assistant program director of the radiology residency at Washington University. She currently holds an adjunct Professorship at Washington University.

Born in Cairo, Egypt, she received her M.D. degree from the George Washington University School of Medicine in Washington, D.C. She completed her Residency and Abdominal Imaging Fellowship at the Mallinckrodt Institute of Radiology at Washington University in St. Louis, Missouri.

“Cooky”, who was on the Washington University faculty for 15 years before coming to Mayo Clinic, is a recognized leader in the field of Abdominal Imaging, with special interests in oncologic, transplant, gynecologic and emergency radiology.

Cooky is nationally recognized for her service and contributions to the field of abdominal radiology and oncologic imaging, and is an active member in many prestigious radiology societies, including the Radiological Society of North America, American Roentgen Ray Society, American Society of Emergency Radiology, received the Radiological Society of North America’s Honored Educator Award for the last 4 years, and has been selected as the 2016-2017 Igor Laufer Visiting Professor of the Society of Abdominal Radiology. She is considered an expert in the field of abdominal imaging and oncology; invited many years as faculty to many national and international prestigious radiology conferences. She serves on the editorial boards of several journals in Radiology and is an Associate Editor of the Abdominal Radiology Journal and for Radiographics.

Dr. Menias is a Diplomate in Radiology for the National Board of Medical Examiners, and has been an examiner for the American Board of Radiology since 2003. She has recently been named the Chair for the Education Exhibits for RSNA. She has published 6 books, multiple book chapters and over 203 peer-reviewed manuscripts. She prides herself with being an educator, and has received numerous teaching awards from the residents and fellows in her past years at Washington University including multiple “Teacher of the Year” honors, and was awarded “Educator of the Year” by the Department of Radiology at Mayo Clinic, as well as “Teacher of the Year” in the three consecutive years she has been at Mayo Clinic.

Koenraad J. Morteale, M.D.



Biographical Sketch.

Koenraad J. Morteale, MD, is currently Chief of the Division of Abdominal Imaging and Clinical director of MRI at Department of Radiology, Beth Israel Deaconess Medical Center in Boston, USA and lecturer on pancreatic and anorectal neoplasms for the American Institute for Radiologic Pathology in Silver Spring, Maryland. He holds an academic appointment Associate Professor of Radiology at the Harvard Medical School in Boston, MA, USA.

Educational background. Dr. Morteale received his medical degree Ghent University in Ghent, Belgium. His residency was at Ghent University Hospital from 2003-2008. In 2007, Dr. Morteale completed a research fellowship at Shands Hospital, Gainesville, FL (University of Florida) with Dr. Pablo Ros.

Certifications and Licenses: Dr. Morteale was certified by the Belgian Board of Radiology in 2008 and is currently licensed in Massachusetts.

Publications and Teaching. Dr. Morteale is an author of over 200 journal articles, over 100 abstracts, 25 book chapters, and 3 books. He has been very active in the Society of Abdominal Radiology (SAR), ARRS, and RSNA through annual presentations and serving as travelling visiting professor for the SAR in 2009-2010. Dr. Morteale has participated in over 100 invited lectures in national and international institutions and societies. Dr. Morteale is continuing in this role at the American Institute for Radiologic Pathology correlation course.