## Memorial Sloan-Kettering Cancer Center and Weill Medical College of Cornell University Required Format for *Curriculum vitae* and Bibliography

Date of preparation: March 6, 2016

## A. GENERAL INFORMATION

1	Name:	Evis Sala, MD, PhD, FRCR
1.	Name.	EVIS Saia, MD, FIID, FRCK

2. Office address: Memorial Sloan Kettering Cancer Center

1275 York Avenue Room C-276D

New York, NY 10065

Office telephone: 212-639-2179
Office fax: 212-794-4010
3. Home address 345 E. 68<sup>th</sup> Street

Apt 6E

New York, NY 10065

Home Telephone: 917-261-4679
4. Cell phone: 646-531-5135

5. Beeper: 8229

6. Email: salae@mskcc.org

7. Citizenship: British

If not USA, do you have Permanent resident

(a) An immigrant visa?(b) A non-immigrant visa?

## 8. Optional information:

Date of birth: N/A a. b. Place of birth: N/A Marital status: c. N/A d. Spouse's name: N/A Children's name and ages: N/A e. f. Race/Ethnicity: N/A

g. Languages spoken/written: English, Italian, French, Albanian

h. Gender: Female

#### **B. EDUCATIONAL BACKGROUND**

Degree	Institution name and location	Dates attended	Year Awarded
MD	University of Tirana Medical School Tirana, Albania	09/86-07/91	1991
MPhil Epidemiology	University of Cambridge Cambridge, United Kingdom	10/96-08/97	1998
PhD Epidemiology	University of Cambridge Cambridge, United Kingdom	09/97-02/00	2000

## C. PROFESSIONAL POSITIONS AND EMPLOYMENT

# 1. <u>Post-doctoral training</u>

Title	Institution name and location	Dates held
Internship	Oncological Institute Tirana, Albania	
Staff Physician	Oncological Institute Tirana, Albania	06/92-12/92
Residency Surgery	Oncological Service, University Hospital Centre Tirana, Albania	01/93-09/96
Residency Radiology	Department of Radiology Addenbrookes Hospital Cambridge, United Kingdom	03/00-09/04, 03/05-08/05
Research Fellow Radiology	Memorial Sloan Kettering Cancer Center New York, NY	10/04-03/05
2. Academic positions		
Title	Institution name and location	Dates
University Lecturer	University of Cambridge Cambridge, United Kingdom	09/05-06/12
Specialty Teaching Director (Radiology)	School of Clinical Medicine University of Cambridge, Cambridge, United Kingdom	09/08-06/12
Member, MH	Memorial Sloan Kettering Cancer Center New York, NY	07/12-present
Professor of Radiology	Weil Cornel Medical College New York, NY	06/15-present
3. <u>Hospital positions</u>		
Title	Institution name and location	Dates held
Consultant Radiologist	Addenbrookes Hospital Cambridge, United Kingdom	09/05-06/12
Lead for Gynaecology Imaging	Addenbrookes Hospital Cambridge, United Kingdom	09/05-06/12

Attending Radiologist Memorial Hospital for Cancer & Allied Diseases 07/12-present

New York, NY

Chief, Memorial Hospital for Cancer & Allied Diseases 08/13-present

Body Imaging Service New York, NY

4. Other Employment

Title Institution (name and location) Dates held

N/A

#### D. LICENSURE, BOARD CERTIFICATION, MALPRACTICE

#### 1. Licensure

a. State Number Date of issue Date of Expiration NY 265060 04/30/2012 06/30/2015

b. If no license:

(1) Do you have a temporary certificate?

(2) Have you passed the examination for foreign medical school graduates?

c. DEA number: N/A

d. NPI number: 1962760629

#### 2. Board Certification

Full Name of Board Certificate # Date
The Specialist Training Authority of the 203135 04/20/05

Medical Royal Colleges, UK

#### 3. Malpractice insurance

Do you have Malpractice Insurance? Yes Name of Provider: MSK Insurance US, Inc.

Premiums paid by: (choose one)

a. self b. group (name) c. institution (Memorial Sloan Kettering Cancer Center)

## E. PROFESSIONAL MEMBERSHIPS

Member/officer	Name of Organization	Dates held
Member	The Royal College of Radiologists	2000- present
Member	British Institute of Radiology	2003- present
Member	International Society of Magnetic Resonance in Medicine	2003- present
Member	Radiology Society of North America	2004- present

Member	European Society of Radiology	2005- present
Member	International Cancer Imaging Society	2006- present
Member	European Society of Urogenital Radiology	2007- present

#### F. HONORS AND AWARDS

Name of Award	Date awarded
WHO Fellowship in Cancer Epidemiology	01/92
WHO Fellowship in Cancer Research	09/96
Honorary Cambridge Commonwealth Trust Scholarship	09/97
Overseas Research Students Awards Scheme, UK	09/97
Phillips Travel Bursary, Royal College of Radiologists, UK	09/04
Parke-Davis Fellowship in Biomedical Sciences, Cambridge, UK	09/04
European School of Radiology Tutor Certificate of Appreciation	03/07
European School of Radiology Tutor Certificate of Appreciation	03/08
European School of Radiology Tutor Certificate of Appreciation	03/10
European Congress of Radiology Certificate of Appreciation	03/11
(Panelist of the Imaging Interpretation Quiz)	
Honorary Member of Spanish Abdominal Imaging Society (SEDIA)	10/11
Journal of Magnetic Resonance Imaging Distinguished Reviewer	2011-2013
RSNA Honored Educator Award	2013
Fellow, International Cancer Imaging Society	2013
European School of Radiology Tutor Certificate of Appreciation	04/14
Fellow, International Society for Magnetic Resonance in Medicine	05/15

## G. INSTITUTIONAL/HOSPITAL AFFILIATION

1. Primary Hospital Affiliation: Memorial Hospital for Cancer and Allied Diseases

2. Other Hospital Affiliations: N/A3. Other Institutional Affiliations: N/A

## H. EMPLOYMENT STATUS

- 1. Name of Current Employer(s): Memorial Sloan Kettering Cancer Center
- 2. Employment Status: Full-time salaried
  - a. Full-time salaried by Cornell
  - b. Full-time salaried at Cornell-affiliated hospital
  - c. Part-time salaried at Cornell
  - d. Part-time salaried at Cornell-affiliated hospital
  - e. Voluntary (self-employed or member of a P.C.)
  - f. Other salaried
  - g. Other non-salaried

# I. CURRENT AND PAST INSTITUTIONAL RESPONSIBILITIES

# 1. Teaching/Mentoring

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# @ MSKCC:

Body Imaging Fellowship Lecture Series	2012- present
Teaching Weill Cornell residents and MSKCC fellows during daily readouts in plain film, CT and MRI	2012- present
Weill Cornell Resident Noon Conferences: "MRI Staging of Uterine Tumors" "Pitfalls in MRI of the Pelvis"	09/12 04/13
Summer Clinical Oncology Research Experience (SCORE) Program Research Mentor, MSKCC Office of Faculty Development	07/13
@ Medical School, University of Tirana, Albania	
Lecturer in Cancer Epidemiology (part-time) Medical School	1995-1996
@ St. John's College University of Cambridge	
Anatomy Supervision to Undergraduate Medical Students	2001-2002
@ Addenbrookes Hospital, Cambridge, UK	
Cancer Imaging, Lecture to Phase 1 and 3 Medical Students School of Clinical Medicine, University of Cambridge, UK	2002-2012
Imaging of Endocrine System, Lecture to Phase 1 and 3 Medical Students, School of Clinical Medicine, University of Cambridge, UK	2002-2012
Imaging of Acute Abdomen, Annual Lecture as Part of Surgery Residency Program, Addenbrookes Hospital, Cambridge, UK	2003-2005
Imaging in Gynecological Malignancies, Annual Lecture as part of The Gynecology Oncology Residency Program,	2005-2008
Addenbrookes Hospital, Cambridge, UK Course Organizer (Genitourinary Imaging), Radiology Residency Program, Addenbrookes Hospital, Cambridge, UK	2005-2012
Morning Tutorials (1:4 Rota) to Radiology Residency Program Addenbrookes Hospital, Cambridge, UK	2005-2012
Radiology Evening Tutorials (1:6 Rota) to Medical Students	2005-2012

## Addenbrookes Hospital, Cambridge, UK

Anatomy Supervision to Medical Students, St John's College University of Cambridge, UK 2006-2007

## **Tutoring**

Tutor in Genitourinary, Oncology and MR imaging, European School of Radiology	2007-present
Tutor, Final Radiology Board Exam Revision Course, Royal Free Hospital, London, UK	2007-2012
Tutor, Final Radiology Board Exam Revision Course, Addenbrookes Cambridge, UK	2008-2012
Specialty Director (Radiology) School of Clinical Medicine, University of Cambridge, UK	2008-2012

## Mentoring

## @ MSKCC:

- Continuous mentoring of several junior faculty in Body Imaging Service
- Mentoring of several Research and Oncological Imaging Fellows:

Irene Burger

Olivio Donati

Pier Luigi DiPaolo

Kate Lampen-Sachar

Lizza Lebron-Zapata

Elizabeth Sutton

Keren Baron

Derya Yakar

Maura Micco

Melvin D'Anastasi

Chiara Scelzo

Diana Feier

Andreas Wibmer

Stephanie Nougaret

Daisy Huang

Edward Lawrence

Carlos Nicolau

Matthias Benz

Eralda Mema

**Gray Lyons** 

# @ University of Cambridge, UK

Mentoring of several junior faculty, fellows and residents	2005-2012
Support of Master and Doctoral Theses Lulit Solomon, MPhil in Epidemiology Andrew Gill, PhD in Medical Physics Edward Lawrence, PhD in Radiology	1997-1998 2009-2012 2010-2013
2. Clinical Care	
@ MSKCC	
Clinical reporting sessions in CT, MRI and PET-CT Gynecology Oncology Tumor Board weekly meeting Pelvic Reconstruction monthly meeting Urology weekly Grand Rounds	2012- present 2012- present 2012- present 2012- present
@ Addenbrookes Hospital, Cambridge, UK	
Clinical reporting sessions in US, CT, MRI & PET/CT Gynecology Oncology Tumor Board (weekly) Urology Oncology Tumor Board (bi-weekly) Emergency Oncology Clinical-Radiological Meeting (monthly) General Urology Clinical-Radiological Meeting (bi-weekly)	2005-2012 2005-2012 2005-2012 2005-2012 2005-2012
3. Administrative Duties	
@ MSKCC	
Director, Gynecologic Radiology Member, Radiology Research Steering Committee Member, Radiology Department Recruitment Committee Member, Radiology Faculty Retreat Committee Chair, Search Committee for Head, MRI Physics Member, Radiology Faculty Excellence Committee Member, Anti-Angiogenic Agent based Radiosensitization working group Chief, Body Imaging Service Member, Memorial Hospital Alumni Society Executive Council	2012- 2015 2012- present 2012- present 2012- 2014 2013- 2014 2013- present 2013- present 2013- present 2015- present
@ Addenbrookes Hospital, Cambridge, UK	
Imaging Lead for Gynecology Oncology, East Anglia Cancer Network, UK	2005-2010
Lead Consultant for Gynecology Imaging	2005-2012
Imaging Lead, Gynecology Oncology Tumor Board	2005-2012

2008-2012 2008-2012

#### a. Research

My research interest has been assessing the role of functional MRI and PET/CT parameters as potential prognostic biomarkers in patients with genito-urinary malignancies. My current research is translational, aimed at evaluating tumor heterogeneity and interactions between imaging phenotype and genotype using new multimodality functional imaging techniques.

@ MSKCC:

IRB protocols:

Principal Investigator:

IRB# 14-061, Benchmarking Intra-tumor Heterogeneity In Ovarian Cancer: Linking In-vivo Imaging Phenotypes With Histology And Genomics

Dates: 03/19/2014-present

PI: Sala, Evis

Co-PI:

IRB# 13-239, Development and Evaluation of Magnetic Resonance Imaging Acquisition and Analysis Methods

Dates: 11/25/2013- present

PI: Akin, Oguz

IRB# 14-172, Evaluation of Treatment Response Using Multiparametric MRI after Prostate Radiotherapy

Dates: 08/21/2014- present PI: Zelefsky, Michael

IRB# 14-191, Diffusion weighted imaging as a biomarker for early detection of chemotherapy induced cardiotoxicity.

Dates: 10/22/2014-present PI: Plodkowski, Andrew

IRB# 15-191, Detection of Acid Sphingomyelinase/Ceramide

Pathway Activation in Radiotherapy Patients Using Intravoxel Incoherent Motion (IVIM)

Diffusion Weighted Magnetic Resonance Imaging and Serum Biomarkers.

Dates: 06/03/2015-present

PI: Vargas, Alberto

### Investigator:

IRB# 10-154, A Phase III Randomized Study Comparing Two Dosing Schedules for Hypofractionated Image-Guided Radiation Therapy in Patients with Metastatic Cancer.

Dates: 10/14/2010- present PI: Zelefsky, Michael

IRB# 12-275, A Phase II Randomized Study: Outcomes after Secondary Cytoreductive Surgery with or without Carboplatin Hyperthermic Intraperitoneal Chemotherapy (HIPEC) followed by Systemic Combination Chemotherapy for Recurrent Platinum Sensitive Ovarian, Fallopian Tube, or Primary Peritoneal Cancer

Dates: 01/05/2013- present

PI: Chi, Dennis

IRB# 14-205, Characterization of Hyperpolarized Pyruvate MRI Reproducibility

Dates: 2015-present PI: Keshari, Kayvan

IRB# 14-222, Positron Lymphography via Intracervical 18F FDG injection for pre-surgical Lymphatic Mapping in stage 1B1 cervical Cancer and High Grade Endometrial Cancer

Dates: 10/28/2014- present PI: Abu-Rustum, Nadeem

IRB# 14-110, A Phase 1 Open-label Study of the Selective Inhibitor of Nuclear Export, Selinexor (KPT-330) in Combination with Paclitaxel and Carboplatin in Patients with Advanced Ovarian or Endometrial Cancers

Dates: 06/10 /2014- present

PI: Makker, Vicky

IRB# 14-029, A Phase 1b Dose Escalation Study of Ipafricept (OMP-54F28) in Combination with Paclitaxel and Carboplatin in Patients with Recurrent Platinum-Sensitive Ovarian Cancer

Dates: 04/08 /2014- present PI: O'Cearbhaill, Roisin

IRB# E15-084, Chemotherapy, Somatic Mutations, Neoantigens, and the Immune Environment in Ovarian Cancer

Dates: 2015-present PI: Snyder, Alexandra

	Current Percent Effort (%)	Does the activity involve WMC students or	Does the activity involve MSK trainees or
		researchers? (Y/N)	researchers? (Y/N)
Teaching/Mentoring	5%	Y	Y
Clinical Care	60%	Y	Y
Administration	25%	N	Y
Research	10%	N	Y
TOTAL:	100%		

#### J. RESEARCH SUPPORT

#### Current:

Stability of Radiomic Features for Abdominal Tumors on Contrast Enhanced CT with Variable

**Acquisition Parameters** 

Source: Society of Abdominal Radiology Wylie J. Dodds Research Award

Amount: \$ 15,000 Dates: 2016-2018 PI: Richard Do Role: Co-PI

Positron lymphography (PLG) sentinel lymph node mapping using PET/MR fusion imaging to guide and improve intraoperative nodal resection.

Source: Molecularly Targeted Intra-Operative Imaging RFA

Amount: \$ 32,899 Dates: 2015-2016 PI: Jennifer Mueller

Role: Co-PI

Pilot Study: Rapid Ovarian Screening with MR Imaging in BRCA Mutation Carriers Undergoing

Screening Breast MRI

Source: Radiology Developmental Project Seed Grant

Amount: \$ 29,958 Dates: 2015-2016

PI: Lakhman, Yulia, Mannelli, Lorenzo & Sutton, Elisabeth

Role: Mentor

Benchmarking intra-tumor heterogeneity in high grade serous ovarian cancer (HGSOC): linking in-vivo imaging phenotypes with histology and genomics

Source: Kaleidoscope of Hope Foundation

Amount: \$80,000 Dates: 2013-2016

PI: Vargas, Hebert & Weigelt, Britta

Role: Mentor/Co-investigator

Benchmarking intra-tumor heterogeneity in ovarian cancer: linking in-vivo imaging phenotypes with

genomics

Source: Radiology Developmental Project Seed Grant

Amount: \$96,537 Dates: 2013-2016 PI: Vargas, Hebert

Role: Mentor/Co-investigator

Multi parametric imaging and genomics: can we predict clinical outcome in patients with recurrent cervical cancer undergoing pelvic exenteration?

Source: Radiology Developmental Project Seed Grant

Amount: \$76,483 Dates: 2013-2014 PI: Raphael, Barbara

Role: Mentor/Co-investigator

Radiogenomics in Ovarian Cancer: Linking Imaging Phenotypes with Genomics Source: NHI-CIP TCIA-TCGA multicentre study in ovarian cancer radiogenomics

Dates: 2013-2015

Multi-institutional PI: Sala, Evis (in kind)

Development of hyperpolarized carbon-13 MRI as a novel clinical imaging tool in oncology

Source: Cancer Research UK

Dates: 2014-2017

Amount: £1,400,000 (\$2,100,000)

PI: Gallagher, Ferdia Role: Collaborator

Research Medical Student Grant - Establishing Tumor Heterogeneity in Patients with Metastatic Highgrade Serous Ovarian Cancer (HGSOC): Correlating In Vivo Imaging Phenotypes with Histopathology and Immunohistochemistry

Source: RSNA R&E Foundation

Amount: \$3,000 Dates: 2014

PI: Lawrence, Edward

Role: Mentor

Diffusion weighted imaging as a biomarker for early detection of chemotherapy induced cardiotoxicity.

Source: Society Research Grant

Amount: \$98,937 Dates: 2014-2016

PI: Plodkowski, Andrew

Role: Co-PI

Detection of acid sphingomyelinase/ceramide pathway activation in radiotherapy patients using intravoxel incoherent motion (IVIM) diffusion-weighted magnetic resonance imaging and serum biomarkers.

Source: Imaging and Radiation Sciences Program

Amount: \$98,256 Dates: 2014-2016 PI: Vargas, Hebert

Role: Co-PI

#### Completed:

Breast Density, Breast Cancer Genetic Markers and Plasma Sex Steroid Levels

Source: Royal College of Radiologists

Amount: £8,000 (\$12,000)

Dates: 2002-2005 PI: Sala, Evis

Evaluation of Early Abdomino-pelvic Computed Tomography in Patients Presenting with Acute Abdominal Pain

Source: Addenbrooke's Charities

Amount: £8,950 (\$13,425)

Dates: 2004-2005 PI: Sala, Evis

Profiling signatures of chemotherapy response or resistance in ovarian cancer: Correlation with dynamic

Magnetic Resonance perfusion imaging.

Source: Cancer Research UK Amount: £20,000 (\$30,000)

Dates: 2006-2009 PI: Sala, Evis

Cambridge Experimental Cancer Medicine Centre.

Source: Cancer Research UK Amount: £2,000,000 (\$3,000,000)

Dates: 2007-2012 PI: Caldas, Carlos

Role: Co-investigator (imaging Co-PI)

The role of in vivo molecular and functional magnetic resonance imaging parameters in predicting response and resistance to androgen deprivation therapy in patients with prostate cancer.

Source: Cancer Research UK (Experimental Cancer Medicine Centre)

Amount: £24,000 (\$36,000)

Dates: 2008-2009

PI: Gnanapragasam, Vincent

Role: Co-investigator

A Multicenter Trial to Measure Early Patterns of Change in [18F]-Fluorodeoxyglucose Uptake by PET/CT in Relapsed Ovarian Cancer Patients.

Source: Merck & Co., Inc. Amount: £589,284 (\$883,926)

Dates: 2009-2010 PI: Brenton, James Role: Co-investigator

HYPAZ: An investigation in to hypertension induced by pazopanib therapy.

Source: GlaxoSmithKline Research & Development Limited

Amount: £656,955 (\$985,433)

Dates: 2010-2011 PI: Jodrell, Duncan Role: Co-investigator

Incremental benefit of diffusion weighted MRI versus standard MRI for the pre-operative assessment of tumor stage in prostate cancer.

Source: Cancer Research UK (Experimental Cancer Medicine Centre)

Amount: £40,000 (\$60,000)

Dates: 2010-2011

PI: Gnanapragasam, Vincent

Role: Co-investigator

Neoadjuvant docetaxel prior to radical prostatectomy for high risk localized prostate cancer. Evaluation of biological and functional imaging surrogates of therapy efficacy.

Source: Sanofi-Aventis Amount: £69,000 (\$103,500)

Dates: 2010-2011 PI: Mazhar, Danish Role: Co-investigator

Standardization of DWI MRI for quantitative assessment of ovarian cancer and implementation in clinical

trials.

Source: Cancer Research UK (The Biomarkers and Imaging Discovery and Development Committee)

Amount: £290,085 (\$435,128)

Dates: 2011-2012 PI: DeSouza, Nandita Role: Co-investigator

Diagnostic accuracy of MRI, diffusion-weighted MRI, FDG-PET/CT and Fluoro-ethyl-choline PET/CT in the detection of lymph node metastases in surgically staged endometrial and cervical carcinoma.

Source: Cancer Research UK (The Biomarkers and Imaging Discovery and Development Committee)

Amount: £225,698 (\$338,547)

Dates: 2011-2013 PI: Rockall, Andrea Role: Co-investigator

#### K. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES

### National and International Leadership

Radiological Society of North America	
Scientific Committee (Genitourinary)	2006-2012
Radiographics Women's Imaging Panel	2007-2013
Oncologic Imaging and Therapies Task Force	2011-present
Vice-Chair, Oncologic Imaging Refresher Course Committee	2014-2015
Chair, Oncologic Imaging Refresher Course Committee	2015-present
Advisor, Scholar Program	2014-present

Experimental Cancer Medicine Centre (ECMC), CR UK

**Imaging Management Committee** 2007-2012

American Roentgen Ray Society

Advisory Board Women's Imaging E-Community 2007- present

European Society of Urogenital Radiology

Women's Imaging Subcommittee 2007- present

European Organization for Research and Treatment of Cancer (EORTC)

**Imaging Group** 2009-2012

International Society for Magnetic Resonance in Medicine (ISMRM) Chair of the Body Education Table Annual Meeting Program Committee Nominating Committee	2009-2012 2009-2012 2014-present
National Institute of Health Research, Health Technology Assessment Program Member, Advisory Panel	2009 -present
American College of Radiology American College of Radiology Imaging Network (ACRIN) Gynecology Committee	2010- present
European Congress of Radiology Genitourinary Scientific Subcommittee	2011- present
National Institute of Clinical Excellence, UK Quality Standard for Ovarian Cancer Topic Expert Group	2011-2012
International Cancer Imaging Society Member, Board of Trustees Member, Scientific Committee Member, Meeting Program Committee	2015-present 2014- present 2014- present
The Society for Abdominal Radiology Co-Chair, Uterine and Ovarian Cancer Disease-Focused Panel	2014- present
Grant Reviewer	
National Institute of Health Research, Health Technology Assessment Program, UK	2007- present
Prostate Cancer Charity, UK	2007
Breast Cancer Campaign, UK	2008
The Kay Kendall Leukaemia Fund, UK	2008
Croucher Foundation, Hong Kong	2009
Medical Research Council, Clinical Research Fellowships, UK	2010- present
Worldwide Cancer Research	2016

### **Keynote Lectures**

- 1. XI Annual Congress of the Spanish Abdominal Radiology Society (SEDIA). October 6-7, 2011, Ibiza, Spain
  - -"MRI of the Adnexa"
  - -"Staging Ovarian Cancer"
- 2. The Society for the Advancement of Women's Imaging Annual Meeting. "Advances in Gynecologic Imaging". October 18-21, 2012, Chicago, IL
- 3. The Korean Society of Urogenital Radiology (KSUR) Annual Meeting. April 26, 2014, Seoul, South Korea
  - -"Advances in Gynecology Oncology: Combining Morphology and Function"
  - -"Staging Ovarian Cancer: What technique is best?"
- 4. 16<sup>th</sup> International MRI Symposium. J. Doppman lecture: "MRI of the cervix combining morphology and function." January 29-31, 2015, Garmisch-Partenkirchen, Germany
- 5. Turkish Cancer Society Cancer Awareness Week: Advances in Oncology. "Oncogenetic intratumor variability translated to imaging: Radiomics and Radiogenomics". April 4, 2015, Istanbul, Turkey.
- 6. World Molecular Imaging Congress. September 2-5, 2015, Honolulu, Hawaii.
  - Women's Imaging Spotlight session "Imaging of Gynecologic Tumors: Combining Morphology and Function"
  - Radiogenomics Spotlight session "Radiogenomics, the New Generation Imaging"
- 7. Italian and Albanian School of Radiology Specialization Magistral Lecture 2015. "Ovarian Cancer: Imaging in Treatment Selection and Planning". December 17, 2015, Italy.

#### Refresher Courses

- 1. American Roentgen Ray Society Annual Meeting. "MRI of malignant neoplasms of uterine corpus and cervix." April 30-May 5, 2006, Vancouver, Canada
- 2. European Congress of Radiology. "Benign tumors of the uterus: Detection and characterization." March 9-13, 2007, Vienna, Austria
- 3. International Society for Magnetic Resonance in Medicine Annual Meeting. "Uterine malignancies." May 19-25, 2007, Berlin, Germany
- 4. European Congress of Radiology. "Normal anatomy (US, CT PET/CT and MRI)." March 9-13, 2008, Vienna, Austria
- 5. The 95th Scientific Assembly and Annual Meeting of the Radiology Society of North America. "The Added Value of Functional MR Imaging in the Evaluation of Gynecologic Malignancies. November 28-December 4, 2009, Chicago, Illinois
- 6. International Society for Magnetic Resonance in Medicine Annual Meeting. "Ovarian Masses."

- 7. The 96th Scientific Assembly and Annual Meeting of the Radiology Society of North America. "The Added Value of Diffusion-Weighted and Dynamic Multiphase Contrast-enhanced MR Imaging of Gynecologic Malignancies." November 27-December 3, 2010, Chicago, Illinois
- 8. European Congress of Radiology. "Staging Ovarian Cancer: What technique is the best?" March 3-8, 2011, Vienna, Austria
- 9. International Society for Magnetic Resonance in Medicine Annual Meeting. May 7-13, 2011 Montreal, Canada
  - -"Malignant Uterine Abnormalities"
  - -"MRI of the Ovarian Cancer: Staging, Treatment Response, and Detection of Recurrence"
- 10. The 97th Scientific Assembly and Annual Meeting of the Radiology Society of North America. "MRI of the Adnexa: the Essentials and beyond". November 26-December 2, 2011 Chicago, Illinois
- 11. European Congress of Radiology. "The Acute Female Pelvis" March 1-6, 2012, Vienna, Austria.
- 12. International Society for Magnetic Resonance in Medicine Annual Meeting. May 7-13, 2012, Melbourne, Australia.
  - -"Uterus: gauging depth of invasion"
  - -"Anatomy and staging of vulva cancer: all you need to know"
- 13. The 98th Scientific Assembly and Annual Meeting of the Radiology Society of North America. November 25-30, 2012, Chicago, Illinois,
  - -"MRI of the Adnexa: the Essentials and beyond"
  - -"GU Diagnosis Live A Case-based Audience Participation Session"
- 14. European Congress of Radiology, March 7-11, 2013, Vienna, Austria
  - -"The Female Pelvis: An interactive case discussion"
  - -"Pitfalls in MRI of the Pelvis"
- 15. International Society for Magnetic Resonance in Medicine Annual Meeting. "'Cervical Carcinoma: Staging & Follow-Up". April 20-26, 2013 Salt Lake City, Utah,.
- 16. The 99th Scientific Assembly and Annual Meeting of the Radiology Society of North America. "Interactive game: A Case-based Audience Participation Session (Genitourinary) ". December 1-6, 2013, Chicago. Illinois.
- 17. European Congress of Radiology. "Pitfalls in MRI of the Pelvis" March 6-10, 2014, Vienna, Austria.
- 18. International Society for Magnetic Resonance in Medicine Annual Meeting. "Adnexal Masses." May 10-16, 2014, Milan, Italy
- 19. The 100th Scientific Assembly and Annual Meeting of the Radiology Society of North America. "Interactive game: A Case-based Audience Participation Session (Genitourinary) ". November 29 December 5, 2014, Chicago. Illinois.

- 20. International Society for Magnetic Resonance in Medicine Annual Meeting. "Adnexal Masses." May 30-June 5, 2015, Toronto, Canada
- 21. European Congress of Radiology, March 2-6, 2016, Vienna, Austria
  - -"Pitfalls in gynaecologic oncologic imaging: how to avoid them and minimise risks"
  - -"Imaging of Gynecologic Tumors: Combining Morphology with Diffusion and ADC"

## **Invited** Lectures:

- 1. The XIV Paulo Foundation International Symposium. October 6-9, 1999 Turku, Finland -"The influence of hormone replacement therapy, smoking, and diet on mammographic parenchymal patterns"
  - -"Common types of human cancer: current views of prevention, causes, and treatment of breast cancer and prostate cancer"
- 2. European Congress of Radiology. "Gastrointestinal case presentation in the Junior Image Interpretation Session." March 4-9, 2004, Vienna, Austria
- 3. European Association of Veterinary Diagnostic Imaging Annual Meeting. "Advances in body and pelvic magnetic resonance imaging." November 17, 2005, Cambridge, United Kingdom
- 4. Gynecology Oncology Master Class, Royal College of Pathologists. "The role of imaging in gynecology oncology". December 11, 2006, London, United Kingdom
- 5. The Royal Free Hospital Radiology Academic Program. "MRI of the prostate revisited." January 18, 2007, London, United Kingdom
- 6. Visiting Professor Lecture at the Department of Radiology, Georgetown University. "Imaging of malignant uterine tumors". February 17, 2007, Washington, DC
- 7. Magnetic Resonance Imaging Symposium. August 30-31, 2007, Helsinki, Finland
  - -"Magnetic resonance imaging of prostate cancer"
  - -"Magnetic resonance imaging of gynecological malignancies"
- 8. University of Kyoto. "Magnetic resonance imaging of malignant uterus." September 25, 2007, Kyoto, Japan
- 9. Japanese Society for Magnetic Resonance Imaging Annual Meeting." September 26-29, 2007, Kobe, Japan
  - -"Magnetic resonance imaging and spectroscopy of prostate cancer at 1.5 Tesla"
  - -"Magnetic resonance imaging of the adnexa"
- 10. University of Aberdeen. "Evaluation of tumour response to treatment in carcinoma of the cervix." October 5, 2007, Scotland, United Kingdom
- 11. UK Magnetic Resonance Clinical Symposium. "Clinical body MRI." October 30, 2007, London, United Kingdom

- 12. National Cancer Research Institute Gynaecological Translational Subgroup Workshop. "Functional Imaging in Gynaecology Oncology." April 18, 2008, London, United Kingdom
- 13. Gynecology Oncology Master Class, British Institute of Radiology. "Cervical cancer: diagnosis, staging, pitfalls and protocols." May 2008 London, United Kingdom
- 14. European School of Radiology Galen Advanced Course. Women's Cross-Sectional Imaging, "Integrate anatomy (US, CT, MRI, PET/CT)." July 4-5, 2008, Berlin, Germany
- 15. British Chapter of ISMRM Meeting. "Role of functional MRI in evaluation of response to treatment in gynaecological malignancies." September 4-5, 2008, Newcastle, England
- 16. Visiting Professor Lecture at the Department of Radiology, McGill University. "MRI of the Adnexa." October 6-7, 2008, Montreal, Canada
- 17. Visiting Professor Lecture at the Department of Radiology, McGill University. "The role of novel MRI techniques in evaluation of tumour response to treatment." October 6-7, 2008, Montreal, Canada
- 18. Cambridge Research Institute. "Tumor morphology and heterogeneity: clinical imaging perspective. Joint Workshop on Image Processing in Medicine." November 17, 2008, Cambridge, United Kingdom
- 19. Master Class in Advanced Cancer Medicine: Gynecological Cancers, Royal Marsden Hospital. "The role of MRI in management of patients with gynaecological tumours." December 8, 2008, London, United Kingdom
- 20. Fanfani Institute. "Ovarian cancer: screening to staging." February 19, 2009, Florence, Italy
- 21. GE Healthcare Magnetic Resonance Clinical Symposium. "MRI of benign gynecological conditions." February 28, 2009, Bangalore, India
- 22. Conference on Women's Health Imaging, Department of Radiodiagnosis and Imaging, Kasturba Hospital. March 1-3, 2009, Manipal, India
  - -"Ovarian cancer: from screening to staging"
  - -"MRI of malignant uterus: Part I"
  - -"MRI of malignant uterus: Part II"
  - -"MRI and US in benign gynecological conditions"
- 23. Society of Abdominal Radiology Annual Scientific Meeting and Educational Course. "MRI of the Uterus." March 15-20, 2009, Maui, Hawaii
- 24. European School of Radiology Galen Foundation Course. Women's Cross-Sectional Imaging, "Imaging of the pelvis." May 14-16, 2009, Sofia, Bulgaria
- 25. 16th ESUR Symposium on Urogenital Radiology. "Limitations of female pelvic ultrasound: When do you need MRI/CT?" September 10-13, 2009, Athens, Greece
- 26. International Meeting on Advances on Urological Cancer. "Imaging in prostate cancer: Evidence and new developments." September 23-24, 2009, Cambridge, United Kingdom

- 27. European School of Radiology Galen Advanced Course. Women's Cross-Sectional Imaging, Integrate anatomy (US, CT, MRI, PET/CT). September 23-24, 2009, London, United Kingdom
- 28. Gynecological Cancer Intergroup Meeting. "Imaging as an end point in clinical trials." October 10-11, 2009, Belgrade, Serbia
- 29. Hospital Clinic Barcelona First Update Meeting: Genitourinary Radiology. February 5, 2010, Barcelona, Spain
  - -"Prostate Cancer Imaging"
  - -"Value of DWI and DCE in Pelvic Malignancies"
- 30. East Anglian Radiology Society Annual Meeting. "What's new in gynaecology MRI?" March 17, 2010, Cambridge, United Kingdom
- 31. Workshop at the 42<sup>nd</sup> Davos International Diagnostic Course. "Malignant diseases of the female genital tract." March 21-26, 2010, Davos, Switzerland
- 32. Cancer Imaging Perspectives. "3T MR Imaging for Cancer Assessment." May 21, 2010, London, United Kingdom
- 33. UK Radiology Congress. "Imaging of the Adnexae." June 7-9, 2010, Birmingham, United Kingdom
- 34. 13th Biennial Meeting of the International Gynecologic Cancer Society. "The Added Value of Functional Imaging in the Evaluation of Gynecological Malignancies." October 23-26, 2010, Prague, Czech Republic
- 35. Rochester Roentgen Ray Society. "MRI of the Adnexa: The Essentials and Beyond." December 13, 2010, Rochester, New York
- 36. Visiting Professor Lecture at the Department of Imaging Sciences, University of Rochester. "MRI of Uterine Malignancies." December 13-14, 2010, Rochester, New York
- 37. Visiting Professor Lecture at the Department of Radiology, Mount Sinai Medical Center. "MRI of Uterine Malignancies." December 15, 2010, New York, New York
- 38. Radiology Special Lecture Series, Department of Radiology, Memorial Sloan Kettering Cancer Center. "MRI of Uterine Malignancies." December 21, 2010 New York, New York
- 39. 14<sup>th</sup> International MRI Symposium. "Differential Diagnosis of Ovarian Lesions." January 13-15, 2011, Garmisch-Partenkirchen, Germany
- 40. The Royal Free Hospital Radiology Academic Program. "Clinical Applications of 3T MR Imaging." February 8, 2011, London, United Kingdom
- 41. European School of Radiology Galen Foundation Course in Oncologic Imaging. "Imaging of Gynaecologic Malignancies." May 26-28, 2011, Vilnius, Lithuania
- 42. UK Radiology Congress. "Imaging Uterine Masses." June 6-8, 2011, Manchester, United Kingdom

- 43. Joint Congress of the Society for Urogenital Radiology and European Society for Urogenital Radiology. "Functional Imaging of the Uterine Malignancies: what it adds." October 13-16, 2011, Dubrovnik, Croatia
- 44. ESMRMB School of MRI Advanced Breast & Female Pelvis MR Imaging. "The Added Value of Functional MRI (DW-MRI and DCE-MRI) in Evaluation of Uterine Malignancies." October 20-22, 2011, Istanbul, Turkey
- 45. School of Clinical Radiology. "Ovarian Lesions Differential Diagnosis." November 12, 2011, St. Petersburg, Russia
- 46. British Society of Urogenital Radiology Annual Scientific Meeting. "The Evidence for DWI and Clinical Benefits." November 16-17, 2011, Newcastle upon Tyne, United Kingdom
- 47. Society of Abdominal Radiology Annual Scientific Meeting and Educational Course. "Uterine Malignancies: The Added Value of MRI." March 26-30, 2012, Phoenix, Arizona
- 48. European School of Radiology Galen Foundation Course in Oncologic Imaging. "Imaging of Gynecologic Malignancies." June 21-23, 2012, Athens, Greece
- 49. Visiting Professor Lecture at the Department of Radiology, Catholic University, September 25-26, 2012, Rome, Italy
  - -"Imaging of the acute female pelvis"
  - -"Uterine malignancies: the added value of MRI in treatment selection and stratification"
  - -"The role of MRI in characterization of adnexal lesions"
  - -"Staging ovarian cancer: what technique is best?"
- 50. 3<sup>rd</sup> International Meeting Imaging in Oncology: The Role of Magnetic Resonance. "Uterine Tumors." September 27-28, 2012, Novara, Italy
- 51. The Society for the Advancement of Women's Imaging, Annual Meeting, "Revised FIGO Staging of Uterine Malignancies: Implications for MR Imaging". October 18-21, 2012, Chicago, Illinois
- 52. ACRIN Gynecologic Committee, ECOG-ACRIN meeting. "Functional MRI in gynecologic cancer". November 9-11, 2012, Hollywood, Florida
- 53. Quizmaster, New York Roentgen Society Meeting, November 12, 2012, New York, New York
- 54. Grand Rounds Lecture at the Department of Radiology, Brigham and Women's Hospital and Massachusetts General Hospital, Harvard Medical School. "The added value of DWI in evaluation of patients with gynecologic malignancies". December 4-5, 2012 Boston, Massachusetts
- 55. 15<sup>th</sup> International MRI Symposium. January 24-26, 2013, Garmisch-Partenkirchen, Germany -"MRI in cervical carcinoma"
  - -"Endometrial cancer: What is the added value of MRI?"
- 56. Intensive Pelvic MRI Course. January 14-17, 2013, Melbourne, Australia
  - -"GYN malignancies review, FIGO staging and MRI protocol optimization"
  - -"GYN benign disease review, indications for MRI compared to US and CT"
  - -"MRI of other GU malignancies: bladder and vulvar cancer, what you need to know"

- -"Prostate cancer imaging & MRI protocol optimisation"
- 57. Society of Abdominal Radiology Annual Scientific Meeting and Educational Course. "Uterine Malignancies: The added Value of MRI and PET/CT" February 24 March 1, 2013, Maui, Hawaii
- 58. Imaging and Radiation Sciences Program Annual Scientific Retreat on Tumor Microenvironment: Therapeutic Challenges and Opportunities. "Intravoxel Incoherent Motion (IVIM): implications for cancer imaging". June 17, 2013, New York, New York
- 59. The Society for the Advancement of Women's Imaging Annual Meeting. September 26-29, 2013, Chicago, Illinois
  - -"Imaging Endometrial Cancer"
  - -"Imaging Cervical Cancer"
- 60. New York Roentgen Ray Society, October 9-11, 2013, New York, New York
  - -"Uterine malignancies: staging with MRI"
  - -"Diffusion Weighted MRI for Tumor Characterization and Response Monitoring"
- 61. Mount Sinai Update 2013: "Body and Non-Invasive Vascular Imaging", October 15-16, 2013, New York, New York
  - -"Adnexal Masses"
  - -"Uterine Malignancies"
- 62. World Molecular Imaging Society-Harvard Medical School Course on Molecular Imaging: Advanced Molecular Imaging and its Clinical Translation. "Radiogenomics for Cancer". October 27-30, 2013, Boston, Massachusetts
- 63. Third Albanian Oncology Association Meeting: "Testicular Tumors and Ovarian Cancer", November 16, 2013, Tirana, Albania
  - -"MRI Characterization of Adnexal Lesions"
  - -"Imaging of Ovarian Cancer"
- 64. Intensive Pelvic MRI Course. February 8-10, 2014, Melbourne, Australia
  - -"GYN malignancies review, FIGO staging and MRI protocol optimization"
  - -"GYN benign disease review, indications for MRI compared to US and CT"
  - -"MRI of other GU malignancies: bladder and vulvar cancer, what you need to know"
  - -"Prostate cancer imaging & MRI protocol optimization"
- 65. Society of Abdominal Radiology Annual Scientific Meeting and Educational Course. March 23 28, 2014, Boca Raton, Florida
  - -"Pitfalls in MRI of the Pelvis"
  - -"Emerging Role of PET in Advanced Prostate Cancer"
  - -"MRI Female Pelvis Cases for Aces: a case-based review"
- 66. Workshop at the 46<sup>th</sup> Davos International Diagnostic Course. "Adnexal Diseases." March 30-April 4, 2014, Davos, Switzerland
- 67. Seoul National University Hospital. "MRI of the Adnexa: The Essentials and Beyond." April 25, 2014, Seoul, South Korea.

- 68. The Society for the Advancement of Women's Imaging Annual Meeting. August 21-24, 2014, Chicago, Illinois.
  - -"MRI of the Adnexa: The Essentials and Beyond"
  - -"Revised FIGO Staging of Uterine Malignancies: Implications for MRI"
  - -"The Added Value of DWI in Gynecologic Oncology Imaging"
- 69. 4<sup>th</sup> International Meeting Imaging in Oncology: The Evolution. "MRI after Therapy." September 24-26, 2014, Novara, Italy.
- 70. International Cancer Imaging Society Meeting and 14<sup>th</sup> Annual Teaching Course. Hands-on workshop: "Role of Imaging in Ovarian Mass: Imaging in Treatment Selection and Planning with FIGO Update." October 9-11, 2014, Heidelberg, Germany.
- 71. Visiting Professor Lecture at the Department of Radiology, Columbia University. "MRI of the Adnexa the Essentials and Beyond." December 19, 2014, New York, New York.
- 72. New York Roentgen Society Meeting. "Ovarian cancer: Role of Imaging in Treatment Selection and Patient Management". January 12, 2015, New York, New York.
- 73. 16<sup>th</sup> International MRI Symposium. "MRI of the Adnexa the essentials and beyond." January 29-31, 2015, Garmisch-Partenkirchen, Germany.
- 74. Intensive Pelvic MRI Course. January 20-22, 2015, Melbourne, Australia
  - -"GYN malignancies review, FIGO staging and MRI protocol optimization"
  - -"GYN benign disease review, indications for MRI compared to US and CT"
  - -"MRI of other GU malignancies: bladder and vulvar cancer, what you need to know"
  - -"Prostate cancer imaging & MRI protocol optimization"
- 75. Society of Abdominal Radiology Annual Scientific Meeting and Educational Course. March 22 27, 2015, San Diego, California
  - -"MRI Female Pelvis Cases for Aces"
  - -"Imaging Treated Prostate Cancer"
- 76. Turkish Cancer Society Cancer Awareness Week: Advances in Oncology. "Assessment of Uterine Malignancies". April 4, 2015, Istanbul, Turkey.
- 77. Barcelona Pelvic MRI Course. April 17-18, 2015, Barcelona, Spain
  - -"MRI of Ovarian Diseases: the essentials and beyond"
  - -"Endometrial Cancer: the Added Value of MRI"
- 78. Visiting Professor Lecture at the Department of Radiology, Winthrop University Hospital. "MR Imaging of Adnexal Masses" May 8, 2015, New York, New York.
- 79. MSKCC Pelvic MRI Course. April 27-29, 2015, New York, New York
  - -"How I report a GYN MRI?"
  - -"Differentiating benign from malignant disease: how and when not to sit on the fence"
  - -"Endometrial Cancer: what is the added value of MRI?"
  - -"Rare Gynecologic Cancers: vulva/vagina, gestational trophoblastic disease"

- 80. Oncologic Imaging Course: The MSK Disease Management Team Approach. "Endometrial Cancer." May 14-16, 2015, New York, New York.
- 81. Oncologic Imaging Course: Current Practice and Future Trends in Oncologic Imaging. June 25-27, 2015, Dubrovnik, Croatia.
  - -"Differentiating benign from malignant disease: how and when not to sit on the fence"
  - -"How does imaging direct management in patients with uterine malignancies?"
- 82. World Molecular Imaging Congress. "Oncogenetic Intratumor Variability Translated to Imaging: Radiomics and Radiogenomics" September 2-5, 2015, Honolulu, Hawaii.
- 83. International Cancer Imaging Society Meeting and 15<sup>th</sup> Annual Teaching Course. Hands-on workshop: "Adnexal Masses and Ovarian Cancer." October 5-7, 2015, London, UK.
- 84. Visiting Professor Lecture at the Department of Radiology, University of Cambridge. "Oncogenetic Tumor Heterogeneity Translated to Imaging: Radiomics and Radiogenomics" October 7, 2015, Cambridge, UK.
- 85. Genetics and Genomics of Gynecologic Cancers October 15-16, 2015, New York, USA.
  - -"Ovarian Cancer: The Role of Imaging in Interrogating Tumor Biology and Genomics"
  - -"Imaging of Endometrial Cancer: Combining Morphology and Function"
- 86. Visiting Professor Lecture at the Department of Radiology, Baptist Hospital, Miami, Florida. "Imaging of Gynecologic Tumors: Combining Morphology and Function" January 11, 2016, Miami, Florida.
- 87. Intensive Pelvic MRI Course. February 19-21, 2015, Melbourne, Australia
  - -"Prostate cancer imaging & MRI protocol optimization"
  - -"Risk-adapted prostate imaging"
  - -"MRI of GYN malignancies"
  - -"A logarithmic approach to MRI characterization of adnexal lesions"
  - -"MRI of bladder and vulvar cancer, what you need to know"
- 88. European Congress of Radiology E<sup>3</sup> European Diploma Prep Sessions. "Disorders of the Adnexa" March 2-6, 2016, Vienna, Austria.

#### Visiting Professorships:

McGill University, Montreal, Canada	2008
Georgetown University, Washington, DC	2008
University of Rochester, New York, NY	2010
Mount Sinai Medical Center, New York, NY	2010
Memorial Sloan Kettering Cancer Center, New York, NY	2010
Catholic University, Rome, Italy	2012
Harvard Medical School, Boston, MA	2012
Columbia University Medical Center, New York, NY	2014
Winthrop University Hospital, New York, NY	2015
University of Cambridge, Cambridge, UK	2015

Baptist Hospital, Miami, Florida	2016
University of Kyoto, Kyoto, Japan	2016
Editorial Board Member	
European Radiology	
Editorial Board Member	2008- present
Head of Oncology Section	2011- present
Reports in Medical Imaging	2008- present
European Medical Imaging Review	2010- present
Journal Reviewer	
Journal of Medical Screening	2000-2004
Journal of National Cancer Institute	2005
European Radiology	2006- present
Journal of Magnetic Resonance Imaging	2006- present
Magnetic Resonance in Medicine	2007- present
Acta Radiologica	2008
Clinical Oncology	2008-2010
American Journal of Roentgenology	2008- present
Radiographics	2008- present
EURORAD	2008- present
Reports in Medical Imaging	2008- present
European Medical Imaging Review	2010- present
International Journal of Gynecological Cancer	2010- present
Lancet Oncology	2012- present
Radiology	2012- present

## L. BIBLIOGRAPHY

- 1. Peer-reviewed original articles:
- 1. **Sala E,** Olsen J. Thyroid cancer in age group 0-19: Time trends and temporal changes in radioactive fallout. Eur J Cancer 1993; 29:1443-1445.
- 2. Selenica G, Duffy SW, Sallaku A, **Sala E**. Preoperative therapy in locally advanced rectal cancer. Journal of BUON 1998; 4:315-319.
- 3. **Sala E**, Warren R, McCann J, Duffy S, Day N, and Luben R. Mammographic parenchymal patterns and mode of detection: implications for the Breast Screening Programme. J Med Screen 1998;5 (4):207-212.
- 4. **Sala** E, Warren RML, Day NE. Mammographic parenchymal patterns and breast cancer risk by mode of detection: implications for the Breast Screening Programme. Eur Radiol 1999; 9(S1): S10.
- 5. **Sala** E, Warren R, McCann J, Duffy S, Luben R, Day N. High-risk mammographic parenchymal patterns and anthropometric measures: a case-control study. Br J Cancer 1999; Dec 81:1257-1261.
- 6. **Sala E**, Warren R, Duffy S, Welch A, Luben R, Day N. High-risk mammographic parenchymal patterns and diet: a case-control study. Br J Cancer 2000 Jul; 83 (1):121-126.
- 7. **Sala E**, Warren R, McCann J, Duffy S, Luben R, Day N. High-risk mammographic parenchymal patterns, hormone replacement therapy and other risk factors: a case-control study. Int J Epidemiol 2000 Aug;29 (4):629-636.
- 8. **Sala** E, Warren R, McCann J, Duffy S, Luben R, Day N. Smoking and high-risk mammographic parenchymal patterns: A case control study. Breast Cancer Res. 2000;2 (1):59-63.
- 9. Sala E, Solomon L, Warren R, McCann J, Duffy S, Luben R, Day N. Size, node status and grade of breast tumours: association with mammographic parenchymal patterns. Eur Radiol 2000;10 (1):157-161.
- 10. **Sala** E, Warren R, Mccann J, Duffy S, Luben R, Day N. Mammographic parenchymal patterns and breast cancer natural history: a case-control study. Acta Oncol 2001;40 (4):461-465.
- 11. Couto E, Harrison D, Duffy S, Myles J, **Sala E**, Warren R, Day N, Luben R, Chen H. Estimation of disease progression parameters from case-control data: application to mammographic patterns and breast cancer natural history. J Epidemiol Biostat 2001;6 (2):235-42.
- 12. Harrison DA, Duffy SW, **Sala E**, Warren RM, Couteau E, Day NE. Deterministic models for breast cancer progression: Application to the association between mammographic parenchymal patterns and histological grade of breast cancers. J Clin Epidemiol, 2002; 55:1113-8.
- 13. Bjurstam N, Björneld I, Warwick J, **Sala E**, Duffy SW, Nyström L, Walker N, Cahlin E, Eriksson O, Hafström L, Lingaas H, Mattsson J, Persson S, Rudenstam CM, Salander H, Säve-Söderbergh J, Wahlin T. Age-specific effects of mammography screening: The randomised breast screening trial in Gothenburg. Am J Onc Rev, 2003; 2:435-442.

- 14. Bjurstam N, Björneld I, Warwick J, **Sala E**, Duffy SW, Nyström L, Walker N, Cahlin E, Eriksson O, Hafström L, Lingaas H, Mattsson J, Persson S, Rudenstam CM, Salander H, Säve-Söderbergh J, Wahlin T. The Göteborg Breast Screening Trial. Cancer, Cancer. 2003 May 15;97 (10):2387-96.
- 15. U-King-Im JM, Trivedi RA, **Sala E**, Graves MJ, Gaskarth M, Higgins NJ, Cross JC, Hollingworth W, Coulden RA, Kirkpatrick PJ, Antoun NM, Gillard JH. Evaluation of carotid stenosis with axial high-resolution black-blood MR imaging. Eur Radiol, 2004 Jul;14 (7):1154-61.
- 16. **Sala E**, Coulden RA. Goddard M. Incidental detection of an autonomous nodule in retrosternal goitre on F-18 FDG positron emission tomography. Clin Nucl Med, 2004 Nov; 29 (11):732-3.
- 17. **Sala** E, Coulden RA. Incidental bronchogenic cyst detected on <sup>18</sup>F-FDG positron emission tomography. Clin Nucl Med, 2004; 29:494-495.
- 18. Atkinson C, Warren RM, **Sala E**, Dowsett M, Dunning AM, Healey CS, Runswick S, Day NE, Bingham SA. Red-clover-derived isoflavones and mammographic breast density: a double blind, randomized, placebo-controlled trial. Breast Cancer Res, 2004;6 (3):R170-9.
- 19. Jardine VL, **Sala E**, Lomas DJ. MR Colonography: Baseline appearance of the unprepared rectosigmoid. Br J Radiol, 2005 Mar; 78 (927):202-6.
- 20. Lomas DJ, Habib S, Joubert I, **Sala E,** Graves, MJ. CO<sub>2</sub> as a distending medium for gastric and small bowel MRI. Eur Radiol, 2005 Apr; 15 (4):672-6.
- 21. Beadsmoore CJ, Cheow HK, **Sala E**, Lomas DJ, Gibbs P, Save V, Balan KK, Alison MED. Hepatocellular carcinoma tumour thrombus in a re-canalised paraumbilical vein: detection by <sup>18</sup>F-FDG PET. Br J Radiol, 2005 Sep; 78(933):841-4.
- 22. Huzjan R, Sala E, Hricak H. Magnetic resonance imaging and magnetic resonance spectroscopic imaging of prostate cancer. Nat Clin Pract Urol. 2005 Sep; 2 (9):434-42.
- 23. **Sala E**, Eberhardt SC, Akin O, Moskowitz CS, Onyebuchi CN, Kuroiwa K, Ishilln N, Zelefksy MJ, Eastham JA, Hricak H. Endorectal MR Imaging prior to salvage prostatectomy: tumor localization and staging. Radiology, 2006 Jan;238 (1):176-83.
- 24. **Sala** E, Akin O, Moskowitz C, Eisenberg H, Kuroiwa K, Ishilln NM<sup>9</sup> Rajashank<sup>e</sup>r B, Scard<sup>i</sup>no PT, Hricak H. Endorectal MR imaging in the evaluation of seminal vesicle invasion: diagnostic accuracy and multivariate feature analysis. Radiology. 2006 Mar; 238 (3):929-37.
- 25. Graves MJ, Kershaw LE, Black RT, **Sala E**, Skinner J, Lomas DJ. Interactive Magnetic Resonance Cholangiopancreatography (MRC) with adaptive averaging. J Magn Reson Imaging. 2006 Apr; 23 (4):529-33.
- 26. Akin O, **Sala E**, Moskowitz C, Eisenberg H, Kuroiwa K, Ishilln N, Scardino P, Hricak H. Transition zone prostate cancers: features, detection, localization, and staging at endorectal MR imaging. Radiology. 2006 Jun; 239 (3):784-92.

- 27. Kataoka M, Warren R, Luben R, Camus J, Denton E, **Sala E**, Day N, Khaw KT. How predictive is breast arterial calcification of cardiovascular disease and risk factors when found at screening mammography? AJR Am J Roentgenol. 2006 Jul; 187 (1):73-80.
- 28. Sala E, Graves MJ, Abubacker Z, Kershaw LE, Black RT, Skinner J, Beavon R, Lomas DJ. High resolution Magnetic Resonance Cholangiography (MRC) with adaptive averaging: diagnostic performance evaluation. Clin Radiol, 2006 Sep; 61 (9):766-70.
- 29. Warren R, Skinner J, **Sala** E, Denton E, Dowsett M, Folkerd E, Healey CS, Dunning A, Doody D, Ponder B, Luben RN, Day NE, Easton D. Associations between mammographic density, circulating sex hormones and polymorphisms in sex hormone metabolism genes in post-menopausal women. Cancer Epidemiol Biomarkers Prev, 2006 Aug; 15 (8):1502-8.
- 30. Gallagher FA, Gopalan D, **Sala E**. Ankylosing spondylitis: an unusual cause for complete heart block (2005:10b). Eur Radiol, 2006; 16:244-6.
- 31. Zahra MA, Hollingsworth, K, **Sala E**, Brenton J, Lomas DJ, Tan LT. Dynamic contrast enhanced magnetic resonance imaging as a predictor of tumour response to radiotherapy. Lancet Oncology. 2007 Jan; 8(1):63-74.
- 32. Koo BC, **Sala** E, Hackett GA, Shaw A. A pregnant lady with recurrent vaginal bleeding (2007:3b). Placenta precreta. Eur Radiol, 2007 Jun; 17 (6):1647-9.
- 33. **Sala E**, Watson CJ, Beadsmoore C, Groot-Wassink T, Fanshawe TR, Smith JC, Bradley A, Palmer CR, Shaw A, Dixon AK.A randomized, controlled trial of routine early abdominal computed tomography in patients presenting with non-specific acute abdominal pain. Clin Radiol. 2007 Oct; 62 (10):961-9.
- 34. Warren R, Thompson D, del Frate C, Cordell M, Highnam, R, Tromans C, Warsi I, Ding J, **Sala E**, Estrella F, Solomonides AE, Odeh M, McClatchey R, Bazzochi M, Amendolia SR, Brady M. A comparison of some anthropometric parameters between an Italian and a UK population: "proof of principle" of a European project using MammoGrid. Clin Radiol, 2007 Nov; 62 (11):1052-60.
- 35. Zahra MA, Sala E, Lomas DJ, Crawford RAF, Brenton J, Arends M, Tan LT. The predictive role of functional imaging in cervix cancer. Clin Oncol, 2007:19:S51.
- 36. Addley H, Grant LA, Crawford R, **Sala E**: Medical image. A prepubescent mass. Swyer syndrome with a bilateral dysgerminoma. N Z Med J, 2008 Apr 4; 121 (1271):117-8.
- 37. Kataoka M, Atkinson C, Warren R, **Sala E**, Day NE, Hingham R, Warsi I, Bingham SA. Mammographic density using two computer-based methods in an isoflavone trial. Maturitas. 2008 Apr 20;59 (4):350-7.
- 38. Hugill J, **Sala E**, Hollingsworth KG, Lomas DJ. MR Sialography: the effect of a sialogogue and ductal occlusion in volunteers. Br J Radiol. 2008 Jul; 81 (967):583-6.
- 39. Akin O, Sala E, Moskowitz CS, Ishill N, Soslow RA, Chi DS, Hricak H. Perihepatic metastases from ovarian cancer: sensitivity and specificity of CT for the detection of metastases with and those without liver parenchymal invasion. Radiology. 2008 Aug; 248 (2):511-7.

- 40. Ringl H, Schernthaner R, **Sala E**, El-Rabadi K, Weber M, Schima W, Herold CJ, Dixon AK. Lossy three-dimensional JPEG2000 compression of abdominal CT images in patients with acute abdominal complaints: effect of compression ratio on diagnostic confidence and accuracy. Radiology, 2008 Aug; 248 (2):476-84.
- 41. Soh E, Eleti A, Jimenez-Linan M, Arends MJ, Latimer J, **Sala E**. Magnetic resonance imaging findings of tamoxifen-associated uterine mullerian adenosarcoma. Acta Radiol 2008 Sep; 49 (7):848-51.
- 42. Griffin N, Grant LA, Freeman SJ, Jimenez-Linan M, Berman LH, Earl H, Ahmed AA, Crawford R, Brenton J, **Sala E**. Image guided biopsy in patients with suspected ovarian carcinoma: a safe and effective technique? Eur Radiol. 2009 Jan; 19 (1):230-5.
- 43. Sala E, Crawford R, Senior E, Shaw A, Simcock B, Vrotsou K, Palmer C, Rajan P, Joubert I, Lomas D.Added value of dynamic contrast-enhanced magnetic resonance imaging in predicting advanced stage disease in patients with endometrial carcinoma. Int J Gynecol Cancer. 2009 Jan; 19(1):141-6.
- 44. Shah AK, **Sala** E, Staiano JJ. If the scan fits evacuate! J Plast Reconstr Aesthet Surg 2009 Apr; 62 (4):554-5.
- 45. Zahra MA, Tan LT, Priest AN, Graves MJ, Arends M, Crawford RA, Brenton JD, Lomas DJ, Sala E. Semiquantitative and quantitative dynamic contrast enhanced magnetic resonance imaging predicts radiation response in cervix cancer. Int J Radiat Oncol Biol Phys. 2009 Jul 1; 74 (3):766-73.
- 46. McClean MA, Priest AN, Joubert I, Lomas DJ, Kataoka MJ, Earl H, Crawford R, Brenton JD, Griffiths JR, **Sala E**. Metabolic characterisation of primary and metastatic ovarian cancer by <sup>1</sup>H MRS in vivo at 3 Tesla. Mag Res Med, 2009 Oct; 62(4):855-61.
- 47. **Sala** E, Beadsmoore C, Gibbons D, Shaw A, Gaskarth M, Groot-Wassink T, Watson C, Dixon AK. Unexpected changes in clinical diagnosis: early abdomino-pelvic computed tomography compared with clinical evaluation. Abdominal Imaging, 2009 Nov; 34 (6):783-7.
- 48. **Sala** E, Priest AN, Kataoka M, Graves MJ, McClean MA, Joubert I, Griffiths JR, Crawford RA, Jimenez-Linan M, Earl HM, Brenton JD, Lomas DJ. Apparent diffusion coefficient and vascular signal fraction measurements with magnetic resonance imaging: feasibility in metastatic ovarian cancer at 3T: technical development. Eur Radiol. 2010 Feb; 20 (2):491-6.
- 49. Kataoka MY, **Sala E**, Baldwin P, Reinhold C, Farhadi A, Hudolin T, Hricak H. The accuracy of magnetic resonance imaging in staging of vulvar cancer: a retrospective multi-centre study. Gynecol Oncol, 2010 Apr; 117 (1):82-7.
- 50. Priest AN, Gill, AB, Kataoka M, McClean MA, Joubert I, Graves MJ, Griffiths JR, Crawford RA, Earl H, Brenton JD, Lomas DJ, **Sala E**. Dynamic contrast-enhanced MRI in ovarian cancer: initial experience at 3 Tesla in primary and metastatic disease. Mag Res Med, 2010 Apr; 63 (4):1044-9.
- 51. Grant L, Moyle P, Griffin N, Williams M, Sala E, Vasconcelos J, Dixon A. Visceral abdominal obesity is there an increased prevalence in men presenting with testicular teratoma? Acta Radiol, Acta Radiol. 2010 Jul; 51 (6):687-92.

- 52. **Sala** E, DeSouza N, Lee S, Atri M, Hricak H. Ovarian Cancer: the role of functional imaging as an endpoint in clinical trials. Int J Gynecol Cancer. 2010 Aug; 20(6):971-8.
- 53. Mannelli L, Patterson AJ, Zahra M, Priest AN, Graves MJ, Lomas DJ, Tan LT, Crawford R, Brenton J, **Sala E**. Evaluation of nonenhancing tumor fraction assessed by dynamic contrast-enhanced MRI subtraction as a predictor of decrease in tumor volume in response to chemoradiotherapy in advanced cervical cancer. AJR Am J Roentgenol. 2010 Aug; 195 (2):524-7.
- 54. **Sala** E, Kataoka M, Pandit-Taskar N, Ishill N, Mironov S, Mosckowitz CS, Mironov O, Collins MA, Chi DS, Larson S, Hricak H. Recurrent ovarian cancer: contrast-enhanced CT and PET/CT can accurately localize tumor recurrence and to predict patients' survival. Radiology. 2010 Oct; 257(1):125-34.
- 55. Addley HC, Crawford RAF, Jimenez-Linan M, Sala E. Primary neuroendocrine carcinoma of the bartholin's gland: magnetic resonance imaging findings with pathologic correlation. Eur J Radiol 2010; 75:e37-e38.
- 56. Cooke SL, Temple J, MacArthur S, Zahra MA, Tan LT, Crawford RA, Ng CK, Jimenez-Linan M, Sala E, Brenton JD. Intra-tumour genetic heterogeneity and poor chemoradiotherapy response in cervical cancer. Br J Cancer. 2011 Jan 18; 104(2):361-8.
- 57. Beddy P, Rangarajan RD, Kataoka M, Moyle P, Graves MJ, **Sala E.** T1-weighted fat-suppressed imaging of the pelvis with a dual-echo Dixon technique: initial clinical experience. Radiology. 2011 Feb; 258(2):583-9.
- 58. **Sala E,** Mannelli L, Yammamoto K, Griffin M, Griffin N, Grant L, Parker R, Crawford R. The value of postoperative/pre-adjuvant chemotherapy computed tomography in the management of patients with ovarian cancer. Int J Gynecol Cancer 2011 Feb; 21(2): 296-301.
- 59. **Sala** E, Rockall A, Kubik-Hunch RA. Advances in magnetic resonance imaging of endometrial cancer. Eur Radiol. 2011 Mar; 21(3):468-73.
- 60. McLean MA, Barrett T, Gnanapragasam VJ, Priest AN, Joubert I, Lomas DJ, Neal DE. Griffiths JR, **Sala E**. Prostate cancer metabolite quantification relative to water in 1H-MRSI in vivo at 3 Tesla. Magn Reson Med. 2011 Apr; 65(4):914-9.
- 61. Balleyguier C, **Sala** E, Da Cunha T, Bergman A, Brkljacic B, Danza F, Forstner R, Hamm B, Kubik-Huch R, Lopez C, Manfredi R, McHugo J, Oleaga L, Togashi K, Tsili A, Kinkel K. Staging of uterine cervical cancer with MRI: Guidelines of the European Society of Urogenital Radiology. Eur Radiol. 2011 May; 21(5):1102-10.
- 62. Neale H, Housden R, Crawford R, Treece G, **Sala E**, Gee A, Prager R. A pilot study using transvaginal real-time ultrasound elastography to evaluate the postmenopausal endometrium. Ultrasound Obstet Gynecol. 2011 Aug; 38(2):235-6.
- 63. Gourtsoyianni S, Hudolin T, **Sala E**, Goldman D, Bochner BH, Hricak H. MRI at the completion of chemoradiotherapy can accurately evaluate the extent of disease in women with advanced urethral carcinoma undergoing anterior pelvic exenteration. Clin Radiol 2011 Nov; 66(11):1072-8.

- 64. Barrett T, Gill AB, Kataoka MY, Priest AN, Joubert I, McLean MA, Graves MJ, Stearn S, Lomas DJ, Griffiths JR, Neal D, Gnanapragasam VJ, **Sala E**. DCE-MRI and DW-MRI in Monitoring Response to Androgen Deprivation Therapy in Patients with Prostate Cancer: A Feasibility study. Magn Res Med 2012; 67(3):778-85.
- 65. Griffin N, Addley H, **Sala E**, Shaw A, Grant LA, Eldaly H, Davies SE, Prevost T, Alexander GJ, Lomas DJ. Vascular invasion in hepatocellular carcinoma: Is there a correlation with MRI? Br J Radiol. 2012 Jun; 85(1014):736-44.
- 66. Beddy P, Moyle P, Kataoka MY, Yamamoto AK, Joubert I, Lomas DJ, Crawford R, **Sala E**. Comparison of diffusion weighted MRI and dynamic contrast enhanced MRI in evaluating the depth of myometrial invasion and overall staging in endometrial cancer. Radiology. 2012; 262(2):530-537.
- 67. Mironov O, Mironov S, **Sala E**, Pannu H, Zheng J, Moskowitz CS, Hricak H, Chi DS. Comparison between computed tomography and video-assisted thoracic surgery findings in patients with advanced epithelial ovarian carcinoma. Journal of Gynecologic Oncology 2012; 22(4):260-8.
- 68. Sala E, Kataoka MY, Priest AN, Gill AB, McClean MA, Joubert I, Graves MJ, Crawford R, Jimenez-Linan M, Earl H, Hodgkin C, Griffiths JR, Lomas DJ, Brenton JD. Multi-parametric MRI of advanced ovarian cancer demonstrates response- and metastasis-specific effects. Radiology 2012; 263:149-159.
- 69. Peters NHGM, Patterson AJ, Horan G, Gregory D, and **Sala E**. Assessment of ovarian movement on consecutive pelvic MRI examinations in patients with gynaecologic malignancies: what is the planning organ at risk volume for radiotherapy? Br J Radiol. 2012; 85:1407-1414.
- 70. Annamalai AK, Cluroe AD, **Sala E**, Park SM, MacDougall J, Hughes IA, Simpson HL. Puberty reveals a familial disorder of sex development. Endocrine. 2012; 42:453-5.
- 71. Burger IA, Vargas HA, Donati OF, Andikyan V, **Sala E**, Gonen M, Goldman D, Chi DS, Schoder H, Hricak H. The Value of 18F-FDG PET/CT in recurrent gynecologic malignancies prior to pelvic exenteration. Gynecol Oncol 2013; 129:586-592.
- 72. Donati OF, Lakhman Y, Sala E, Burger IA, Vargas HA, Goldman D, Andikyan V, Park, KJ, Chi DS, Hricak H. Role of preoperative MR imaging in the evaluation of patients with persistent or recurrent gynaecological malignancies before pelvic exenteration. Eur Radiol. 2013, 23:2906-2915.
- 73. Vargas HA, Burger IA, Donati OF, Andikyan V, Lakhman Y, Goldman, Schoder H, Chi DS, **Sala E,** Hricak H. MRI/PET provides a roadmap for surgical planning and serves as a predictive biomarker in patients with recurrent gynecological cancers undergoing pelvic exenteration. Int J Gynecol Cancer. 2013, 8:1512-1519.
- 74. Milgrom SA, Vargas HA, **Sala E**, Kelvin JF, Hricak H, Goodman KA. Acute effects of pelvic irradiation on the adults uterus revealed by dynamic contrast-enhanced MRI. Br J Radiol. 2013 Nov;86(1031) DOI: 10.1259/bjr.20130334.
- 75. Rockall AG, Avril NE, Lam R, Iannone R, David Mozley DP, Parkinson C, Bergstrom D, **Sala E**, Sarker S, McNeish IA, Brenton JD. Repeatability of quantitative FDG-PET/CT and contrast enhanced CT in recurrent ovarian carcinoma: test retest measurements for tumor FDG uptake, diameter and volume. Clin Cancer Res 2014; 20(10); 1–10.

- 76. Lawrence EM, Gallagher FA, Barrett T, Warren AY, Priest AN, Goldman D, **Sala E\***, Gnanapragasam VJ\*. Pre-operative 3-tesla diffusion weighted MRI for the qualitative and quantitative assessment of extracapsular extension in patients with intermediate or high-risk prostate cancer. Am J Roentgen 2014;203(3):W280-6.
- 77. Lawrence EM, Tang SYW, Barrett T, Koo B, Goldman DA, Warren AY, Axell R, Doble A, Gallagher FA, Gnanapragasam VJ, Kastner C, **Sala E**. Prostate cancer: Performance characteristics of combined T2W and DW-MRI scoring in the setting of template transperineal rebiopsy using MR-TRUS fusion. Eur Radiol 2014;24(7):1497-505.
- 78. Miccò M, Vargas HA, Burger IA, Kollmeier, MA, Goldman DA, Park KJ, Abu-Rustum NR, Hricak H, **Sala E**. Combined pre-treatment MRI and 18F-FDG PET/CT parameters as prognostic biomarkers in patients with cervical cancer. Eur J Radiol 2014;83(7):1169-76.
- 79. Grisham RN, Iyer G, **Sala E**, Zhou Q, Iasonos A, DeLair D, Hyman DM, Aghajanian C. Bevacizumab shows activity in patients with low-grade serous ovarian and primary peritoneal cancer. Int J Gynecol Cancer 2014;24(6):1010-4.
- 80. Gondo T, Hricak H, **Sala E**, Zheng J, Moskowitz CS, Bernstein M, Eastham JA, Vargas HA. Multiparametric 3T MRI for the prediction of pathological downgrading after radical prostatectomy in patients with biopsy-proven Gleason score 3 + 4 prostate cancer. Eur Rad 2014; 24 (12):3161-3170.
- 81. Vargas HA, Donati OF, Wibmer A, Goldman DA, Mulhall JP, **Sala E**, Hricak H. Association between penile dynamic contrast-enhanced MRI derived quantitative parameters and self-reported sexual function in patients with newly diagnosed prostate cancer. J Sex Med 2014;11(10):2581-8.
- 82. Di Paolo PL, Vargas HA, Karlo KA, Lakhman Y, Zheng J, Moskowitz CS, Al-Ahmadie HA, **Sala E**, Bochner BH, Hricak H. Intra-diverticular bladder cancer: CT imaging features and their association with clinical outcomes. Clinical Imaging 2014; 39(1):94-98.
- 83. Vargas HA, Micco M, Hong S, Goldman DA, Dao, F, Weigelt B, Soslow RA, Hricak H, Levine DA, **Sala E**. Association between morphologic computed tomography imaging traits and prognostically relevant gene signatures in women with high-grade serous ovarian cancer: A Hypothesis Generating Study. Radiology. 2015 Mar; 274(3):742-51.
- 84. Schwarz RF, Ng CKY, Cooke SL, Newman S, Temple J, Piskorz AM, Gale D, Sayal K, Murtaza M, Baldwin PJ, Rosenfeld N, Earl HE, **Sala E**, Jimenez-Linan M, Parkinson CA, Markowetz F, Brenton JD. Spatial and temporal heterogeneity in high-grade serous ovarian cancer: a phylogenetic reconstruction. PLoS Med. 2015 Feb 24; 12(2).
- 85. Lakhman Y, Katz SS, Goldman DA, Yakar D, Vargas HA, Sosa R, Micco M, Soslow R, Hricak H, Abu-Rustum NR, **Sala** E. Diagnostic performance of ct for preoperative staging of patients with non-endometrioid carcinomas of the uterine corpus. Annals of Surgical Oncology 2015 DOI: 10.1245/s10434-015-4410-x).
- 86. Wibmer A, Vargas HA, Donahue T, Zheng J, Moskowitz C, Eastham J, **Sala E**, Hricak H. Diagnosis of Extracapsular Extension of Prostate Cancer on Prostate MRI: Impact of Second-Opinion Readings by Sub-Specialized Genitourinary Oncologic Radiologists. AJR Am J Roentgenol. 2015 Jul; 205(1):W73-8.

- 87. Wibmer A, Hricak H, Gondo T, Matsumoto K, Veeraraghavan H, Fehr D, Zheng J, Moskowitz C, Fine S, Reuter VE, Eastham J, **Sala E**, Vargas HA. Haralick Texture Analysis of prostate MRI: differentiating normal prostate from clinically significant prostate cancer and associations with cancer aggressiveness. Eur Radiol 2015; 25(10):2840-50.
- 88. Fehr D, Veeraraghavan H, Wibmer A, Gondo T, Matsumoto K, Vargas HA, **Sala E**, Hricak H, Deasy JO. Automatic classification of prostate cancer Gleason score from multi-parametric Magnetic Resonance Images PNAS 2015; 112(46):E6265-73.
- 89. Vargas HA, Burger IA, Goldman DA, Micco M, Sosa RE, Weber W, Chi DS, Hricak H, Levine DA, **Sala E**. Volume-based quantitative FDG PET/CT metrics and their association with optimal debulking and progression-free survival in patients with recurrent ovarian cancer undergoing secondary cytoreductive surgery. Eur Radiol 2015 DOI 10.1007/s00330-015-3729-9.
- 90. Nougaret S, Reinhold C, Al Sharif SS, Addley H, Hoetker A, Chong J, Arceneau J, Guiu1 B, Molinari N, **Sala E**. Combined MR volumetry and diffusion weighted imaging in the assessment of myometrial invasion, lymphovascular space invasion and tumor grade in endometrial cancer. Radiology. 2015 Sep; 276(3):797-808.
- 91. Burger IA, Goldman DA, Vargas AH, Kattan MW, Yu C, Kou L, Andikyan V, Chi DS, Hricak HH, **Sala E**. Incorporation of postoperative CT data into clinical models to predict 5-year overall and recurrence free survival after primary cytoreductive surgery for advanced ovarian cancer. Gynecol Oncol. 2015 Sep;138(3):554-9.
- 92. Lakhman Y, Yakar D, Goldman DA, Katz SS, Vargas HA, Micco M, Zheng J, Moskowitz CS, Soslow R, Hricak H, Abu-Rustum NR, **Sala** E. Preoperative CT-based nomogram for predicting overall survival in women with non-endometrioid carcinomas of the uterine corpus. Abdominal Imaging 2015; 40:1761-8.
- 93. Barrett T, Priest AN, Lawrence EML, Goldman DA, Warren AY, Gnanapragasam VJ, **Sala E**, Gallagher FA. The ADC ratio of tumor to normal prostate as a method for quantifying diffusion weighted imaging of the prostate. Am J Roentgen 2015; 205:W585–W593.
- 94. **Sala E**, Micco M, Burger IA, Yakar D, Kollmeier M, Goldman DA, Gonen M, Park KJ, Abu-Rustum NR, Hricak H, Vargas HA. Complementary prognostic value of pelvic MRI and whole-body FDG PET/CT in the pretreatment assessment of patients with cervical cancer. Int J Gynecol Oncol 2015;25(8): 1461–1467.
- 95. Vargas HA, Hötker AM, Goldman DA, Moskowitz CS, Gondo T, Matsumoto K, Ehdaie B, Woo S, Fine SW, Reuter VE, **Sala E**, Hricak H. Updated prostate imaging reporting and data system (PIRADS v2) recommendations for the detection of clinically significant prostate cancer using multiparametric MRI: critical evaluation using whole-mount pathology as standard of reference. Eur Radiol. 2015 Sep 22. [Epub ahead of print] PMID: 26396111
- 96. Lakhman Y, D'Anastasi M, Micco M, Scelzo C, Vargas AH, Nougaret S, Sosa RE, Chi D, Abu-Rustum N, Hricak H, **Sala E**. Second-opinion interpretations of gynecologic oncologic MRI examinations by sub-specialized radiologists influence patient care. Eur Radiol 2015 DOI: 10.1007/s00330-015-4040-5.

- 97. Grisham RN, Sylvester B, Won H, Mcdermott G, DeLair D, Ramirez R, Yao Z, Shen R, Dao F, Bogomolniy F, Makker V, **Sala E**, Hyman DM, Socci N, Viale A, Gershenson DM, Farley J, Levine DA, Rosen N, Berger MF, Spriggs D, Aghajanian C, Solit DB, Iyer G. Extreme outlier analysis identifies occult MAP kinase pathway mutations in patients with low-grade serous ovarian cancer. J Clin Oncol 2015; DOI: 10.1200/JCO.2015.62.4726.
- 98. Yasser H, Ducie JA, Arnold AG, Kauff ND, Vargas AH, **Sala E**, Levine DA, Soslow R. Invasion Patterns of Metastatic Extrauterine High Grade Serous Carcinoma with BRCA Germline Mutation and Correlation with Clinical Outcomes. Am J Surg Pathol 2015; PMID:26574845
- 99. Robertson NL, Hricak H, Sonoda Y, Sosa R, Benz M, Lyons G, Abu-Rustum N, **Sala E**, Vargas AH. The impact of FDG-PET/CT in the management of patients with vulvar and vaginal cancer. Gynec Oncol 2015 DOI: 10.1016/j.ygyno.2016.01.011.
- 100. Sharma S, Sevak KK, Monette S, Carlin SD, Knight JC, Wuest FR, **Sala E**, Zeglis BM, Lewis JS. Preclinical 89Zr-immunoPET of high grade serous ovarian cancer and lymph node metastasis. J Nuc Med 2016 (in press).

## 2. Reviews, books and book chapters

#### Reviews:

- Expert Panel on Women's imaging: Hricak H, Akin O, Sala E, Fleischer AC, Böhm-Vélez M, Fishman EK, Mendelson E, Thurmond A, and Goldstein S. American College of Radiology. "Endometrial Cancer of the Uterus," ACR Appropriateness Criteria™, 2005. http://www.acr.org/ac\_pda.
- 2. Expert Panel on Women's Imaging: Hricak H, Akin O, **Sala E**, Fleischer AC, Böhm-Vélez M, Fishman EK, Mendelson E, Thurmond A, Goldstein S. American College of Radiology. "Invasive cancer of the cervix," ACR Appropriateness Criteria<sup>™</sup>, 2005. http://www.acr.org/ac pda.
- 3. **Sala E.** Diagnosis of ovarian cancer. Making the Best Use of a Department of Clinical Radiology. The Royal College of Radiologists, U.K. 2006.
- 4. **Sala E.** Follow-up of ovarian cancer. Making the Best Use of a Department of Clinical Radiology. The Royal College of Radiologists, U.K. 2006.
- 5. **Sala** E, Wakely S, Senior E, Lomas DJ. MRI of malignant neoplasms of uterine corpus and cervix. Am J Roentgenol 2007 Jun; 188(6):1577-87.
- 6. Griffin N, Grant LA, **Sala E**. Magnetic resonance imaging of vaginal and vulval pathology. Eur Radiol, 2008; 18:1269-1280.
- 7. Sala E. Magnetic resonance imaging of female pelvis. Semin Roentgenol 2008; 43:290-302.
- 8. Freeman S, Hampson F, Addley H, Moyle P, **Sala E**. Imaging of the female pelvis. Obst Gynecol and Rep Med, 2009; 19:271-281.

- 9. Addley H, **Sala E**. The role of imaging in advanced endometrial carcinoma. Eur Oncol, 2009; 5:68-70.
- 10. Moyle PM, Kataoka MY, Nakai A, Takahata A, Reinhold C, **Sala E**. Non-ovarian cystic lesions of the pelvis. Radiographics, 2010; 30 921-938. 2010 Jul-Aug; 30(4):921-38.
- 11. Addley HC, Vargas HA, Moyle PL, Crawford R, **Sala E.** Pelvic imaging following chemotherapy and radiation therapy for gynecologic malignancies. Radiographics. 2010 Nov; 30(7):1843-56.
- 12. Forstner R, Sala E, Kinkel K, Spencer JA. ESUR guidelines: ovarian cancer staging and follow-up. Eur Radiol 2010; 20:2773-2780.
- 13. Grant LA, **Sala E**, Griffin N. Congenital and acquired abnormlities of the vulva and vagina on magnetic resonance imaging: a pictorial review. Semin Ultrasound CT MR 2010; 31(5):347-62.
- 14. Beddy P, Kogan MT, **Sala E**, Griffin N. Magnetic resonance imaging for acute abdominal pain in pregnancy. Semin Ultrasound CT MR 2010; 31(5):433-41.
- 15. Moyle PM, Addley HC, **Sala** E. Radiological staging of ovarian carcinoma. Semin Ultrasound CT MR 2010; 31(5):388-98.
- 16. Griffin N, Grant LA, **Sala E**. Adnexal masses: characterization and imaging strategies. Semin Ultrasound CT MR 2010; 31(5):330-46.
- 17. **Sala** E, Rockall A, Rangarajan D, Kubik-Hunch RA. The role of dynamic contrast-enhanced and diffusion weighted magnetic resonance imaging in the female pelvis. Eur J Radiol 2010; 76:367–385.
- 18. deSouza NM, **Sala** E. Standardizing the use of functional MRI in prostate cancer. Nat Rev Urol 2011; 8:127–129.
- 19. Balleyguier C, Sala E, Kinkel K. Staging uterine cervical cancer with magnetic resonance imaging. Hosp Imag Radiol Europe 2011; 6:32-35.
- 20. **Sala E**, Vargas HA, Wassberg C, Kyriazi S, deSouza NM. The role of functional MRI and PET/CT in evaluation of patients with primary and recurrent ovarian cancer. Imaging in Medicine 2011; 3:333-343.
- 21. Beddy P, Rangarajan RD, **Sala E.** Role of MRI in Intracavitary brachytherapy for cervical cancer: What the radiologist needs to know. AJR Am J Roentgenol. 2011 Mar; 196(3):W341-7.
- 22. Beddy P, O'Neill AC, Yamamoto AK, Addley HC, Reinlold C, **Sala E.** The new FIGO Staging System for endometrial cancer: the implications for magnetic resonance imaging. Radiographics 2012; 32:241-254.
- 23. Lawrence EM, Priest AN, Gnanapragasam VJ, **Sala** E. The emerging role of Diffusion Weighted MRI in Prostate Cancer Management. Nat Rev Urol 2012; 9(2):94-101.

- 24. Moyle PM, Sala E. Magnetic resonance imaging of the cervix, and its relevance to the revised International Federation of Gynecology and Obstetrics (FIGO) staging. Current Medical Imaging Reviews 2012 May; 8(2):100-106.
- 25. deSouza NM, Kyriazi S, **Sala E**. Diffusion-weighted magnetic resonance imaging in pelvic cancer. Current Medical Imaging Reviews 2012 May; 8(2):92-99.
- 26. Khashper A, Addley HC, Abourokbah N, Nougaret S, **Sala E**, Reinhold C. T2-hypointense adnexal lesions: An imaging algorithm. Radiographics 2012; 32:1047-1064.
- 27. Freeman SJ, Aly AM, Kataoka MY, Addley HC, Reinhold C. Sala E. The revised FIGO staging of uterine malignancies: the implications for MR imaging. Radiographics 2012; 32(6):1805-27.
- 28. Nougaret S, Addley HC, Colombo PE, Fujii S, Al Sharif SS, Tirumani SH, Jardon C, **Sala E**, Reinhold C. Ovarian carcinomatosis: how can the radiologist help plan the surgical approach? Radiographics 2012; 32(6):1775-800.
- 29. Nougaret S, Tirumani S, Addley H, Pandey H, Sala E, Reinhold C. Pearls and Pitfalls in MRI of Gynecologic Malignancy using DWI. AJR Am J Roentgenol 2013; 200:261-278.
- 30. Vargas AH, Barrett T, **Sala** E. Magnetic Resonance Imaging of Ovarian Masses. JMRI 2013; 37:265–281.
- 31. **Sala E**, Rockall A, Freeman SJ, Mitchel D, Reinhold C. The added role of MRI in treatment stratification of patients with gynecological malignancies: What the radiologist needs to know. Radiology 2013; 266:717-740.
- 32. Miccò M, Sala E, Lakhman Y, Hricak H, Vargas HA. The role of imaging in the pre-treatment evaluation of ommon gynecological cancers. Women's Health. 2014;10(3):299-321.
- 33. **Sala E.** Obstetrics and Gynaecology Guidelines. Making the Best Use of a Department of Clinical Radiology. The Royal College of Radiologists, UK 2014.
- 34. Vargas AH, Grimm I, Donati OF, **Sala E**, Hricak H. Molecular imaging of prostate cancer: translating molecular biology approaches into the clinical realm. European Radiology 2015; 25:1294-1302.
- 35. Lakhman Y, Stephanie N, Miccò M, Scelzo C, Vargas HA, Sosa R, Sutton EJ, Chi DS, Hricak H, Sala E. Role of MRI and FDG-PET/CT in the selection and follow-up of patients treated with pelvic exenteration for gynecologic malignancies. Radiographics 2015; 35:1294-1312.
- 36. Miccò M, **Sala E**, Lakhman Y, Hricak H, Vargas HA. Imaging features of uncommon gynecological cancers. Am J Roentgenol 2015; 205: 1346-1359.
- 37. Vargas HA, Lawrence EML, Mazaheri Y, **Sala E**. Updates in advanced diffusion-weighted magnetic resonance imaging techniques in the of prostate cancer. World J Radiol 2015 DOI: 10.4329/wjr.v7.i8.000.

- 38. Cowan RA, O'Cearbhaill RE, Chi DS, Gardner GJ, Levine DA, Long Roche K, Sonoda Y, Zivanovic O, Tew WP, **Sala E**, Lakhman Y, Vargas AH, Sarasohn DM, Mironov S, Abu-Rustum NR. Is it time to centralize ovarian cancer care in the United States? Ann Surg Oncol 2015 DOI 10.1245/s10434-015-4938-9
- 39. Benz RM, Vargas HA, **Sala E.** Functional MRI techniques in oncology in the era of personalized medicine. MRI Clinics North America 2016; 24:1-10.
- 40. Wibmer AG, Burger IA, **Sala E**, Hricak H, Weber WA, Vargas HA. Molecular imaging of prostate cancer. Radiographics 2016;36:142-161.

#### Books:

- 1. Freeman AH and **Sala** E (eds). Radiology of Stomach and Duodenum. Springer-Verlag, Berlin-Heidelberg-New York, 2007.
- 2. Hricak H, Akin O, **Sala E**, Reinhold C, Ascher S, Levine D (eds). Diagnostic Imaging: Gynaecology. Amirsys Inc, Salt Lake City, Utah, 2007.
- 3. **Sala E**, Freeman AH, Lomas DJ, Ringl H (eds). Radiology for Surgeons in Clinical Practice. Springer-Verlag, Berlin-Heidelberg-New York, 2008.
- 4. **Sala E**. Uterus (section ed.) in Hamm B and Ros PR (eds). Abdominal Imaging. Springer-Verlag, Berlin-Heidelberg-New York, 2013.

#### Book chapters:

- 1. **Sala** E, Allison S, Ascher SM, Hricak H. Imaging in Gynaecology. In: Adam A, Dixon AK (eds). Grainger and Allison's Diagnostic Radiology. A textbook of Medical Imaging, Fifth edition, Edinburgh, 2007; pp 1217-1241.
- 2. **Sala E,** Freeman AH. The acute Stomach and Duodenum. In Freeman AH and **Sala E** (eds) Radiology of Stomach and Duodenum, Springer-Verlag Berlin-Heidelberg-New York, 2007;pp 217-230.
- 3. **Sala E**, Freeman AH. Conventional Radiology of the Stomach and Duodenum. In Freeman AH and **Sala E** (eds) Radiology of Stomach and Duodenum, Springer-Verlag Berlin-Heidelberg-New York, 2007;pp 89-110.
- 4. Reeders J, Freeman AH, **Sala E**. Radiology-Pathology Correlation. In Freeman AH and **Sala E** (eds) Radiology of Stomach and Duodenum, Springer-Verlag Berlin-Heidelberg-New York, 2007;pp 5-28.
- 5. **Sala E** and Hricak H. Female Pelvis. In: Reiser, Semmler and Hricak. Magnetic Resonance Tomography. Springer-Verlag Berlin-Heidelberg-New York, 2007; pp 964-998.
- 6. **Sala E**, Hricak H. Reproductive. In Eisenberg RL. and Margulis AR (eds) The Right Imaging Study: A guide for Physicians, Springer-Verlag Berlin-Heidelberg-New York, 2008; pp 516-563.

- 7. Griffin N, **Sala E**, Breeze A, Proctor R. Obstetrics, Gynaecology and Breast. In Graham R and Gallagher F. (eds) Oxford Handbook of Emergencies in Clinical Radiology, Oxford University Press, 2009; pp 305-336.
- 8. Noel P, Sala E, Reinhold C. Imaging of abnormal uterine bleeding. In Morcos S and Thomsen H. (eds) Imaging of the Genitourinary System; Wiley & Sons Ltd, 2009; pp 381-398.
- 9. Griffin N, **Sala E**. Imaging in gynaecological oncology. In Shafi MI, Earl H. and Tan LT (eds) Gynaecological Oncology. Cambridge University Press, 2010; pp 51-68.
- 10. **Sala E**, Reznek R. Female pelvis. In Gourtsoyiannis N (ed) Clinical MRI of the Abdomen: Why, How, When. Berlin-Heidelberg-New York, 2011; pp 535-558.
- 11. DeSouza NM, **Sala E**, Kyriazi S, Rockall A. Functional imaging: from tumor biology to the clinic. In Kehoe S, Edmonsdon RJ, Gore M and McNeish IA (eds) Gynaecological Cancers: Biology and Therapeutics. RCOG Press, 2011; pp 1183-202.
- 12. **Sala E**, Lakhman Y, Ma W, Pannu H, Li D, Pandit-Taskar N, Hricak H. Diagnostic Imaging. In: Barakat RR, Berchuck A, Markman M, Randall ME (eds): Principles and Practice of Gynecologic Oncology, 6th ed. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins, 2013; pp 244-283.
- 13. Moyle P, **Sala** E. Malignant Neoplasms, Staging of Ovarian Cancer. In Hamm B and Ros PR (eds). Abdominal Imaging. Springer-Verlag 2013; pp 2029-2040.
- 14. Burger IA, Freeman SJ, **Sala E**. Uterus: Imaging Techniques and Normal Anatomy. In Hamm B and Ros PR (eds). Abdominal Imaging. Springer-Verlag 2013; pp 2053-2062.
- 15. Moyle P, **Sala** E. Congenital Uterine Anomalies. In Hamm B and Ros PR (eds). Abdominal Imaging. Springer-Verlag 2013; pp 2063-2076.
- 16. Barrett T, Vargas AH, **Sala E**. Uterus: Follow-up and Detection of Recurrent Disease. In Hamm B and Ros PR (eds). Abdominal Imaging. Springer-Verlag 2013; pp 2121-2130.
- 17. Vargas AH, Barrett T, **Sala** E. Malignant Conditions of the Vulva. In Hamm B and Ros PR (eds). Abdominal Imaging. Springer-Verlag 2013; pp 2175-2182.
- 18. **Sala E**, Vargas HA, Donati OF, Weber W, Hricak H. Role of Molecular Imaging in the Era of Personalized Medicine: A Review. In Luna A, Vilanova JC, Hygino Da Cruz JC, Rossi S (eds) Functional Oncological Imaging, Springer-Verlag Berlin-Heidelberg-New York, 2014; pp 43-58.
- 19. **Sala E**, Freeman S, Ascher SM, Hricak H. Imaging of Gynaecological Malignancies. In: Adam A, Dixon AK, Gillard JH, Schafer-Prokop C. Grainger and Allison Diagnostic Radiology. A textbook of Medical Imaging, Sixth edition, 2014; pp 957-971.
- 20. **Sala** E, Hricak H. Prostate Carcinoma Cross sectional imaging techniques. In: Manyak M, Harisingani M, de la Rosette J, Wijkstra H (eds) Imaging in Urologic Oncology, Springer-Verlag Berlin-Heidelberg-New York, 2014 (in press).

- 21. Freeman S, **Sala** E. Imaging in Gynecology. In Bieber E, Sanfilippo J, Horowitz I and Shafi MI (eds) Clinical Gynecology, Cambridge University Press, Cambridge, UK, 2015; 187-202.
- 22. Barrett T, Gill AB, **Sala** E. Female Pelvis. In Bammer R (ed) MR and CT Perfusion Imaging: Clinical Applications and Theoretical Principles, Lippincott Williams & Wilkins 2015 (in press).
- 3. Abstracts (optional)
- 4. Presentations (optional).
- 5. Patents

Kolesnick RN, Haimovitz-Friedman A, **Sala E**, Fuks, Z: U.S. Patent pending (No. 62/077,645), "Acid sphingomyelinase as a biomarker for combination therapy of anti-angiogenic and chemotherapy". (filed 11/10/2014).

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