



Ana Isabel Hernáiz Ferrer

WORK EXPERIENCE

 **Centro Diagnostico Italiano (CDI S.p.A.) - Bionics s.r.l** – Milan, Italy

Clinical Activity (Self-employed physician)

[11 Feb 2026 – Current]

Clinical radiology practice with a focus on Photon-counting CT and Dual-energy CT applications.

 **Radiology Unit 1, IRCCS Fondazione Policlinico San Matteo.** – Pavia, Italy

Clinical Activity

[1 Feb 2026 – Current]

 **Radiology Unit 1, IRCCS Fondazione Policlinico San Matteo** – Pavia, Italy

Research activity

[1 Jan 2026 – Current]

Working on the COPAILOT project (Collaborative Platform of AI Learning from Omics Technologies): development of a Digital Twin-based collaborative platform integrating clinical and omics data for personalized predictive medicine (Lombardy Region “Collabora & Innova”, ERDF/FESR 2021–2027).

 **Northwestern University-Northwestern Memorial Hospital** – Chicago, United States

Visiting Scholar – Department of Radiology

[1 May 2025 – 30 Oct 2025]

Research activity focused on spectral imaging, particularly photon-counting CT imaging.

Clinical observation in the reading room for CT Body, MRI Body, and Cardiovascular Imaging, including advanced cardiac imaging and attendance and contribution to multidisciplinary meetings:

- Liver Tumor Board
- GI Tumor Board
- ILD Board
- Lung Tumor Board

Participation in fellowship- and residency-level lectures and conferences in Body and Cardiovascular Imaging.

 **Fondazione I.R.C.C.S. Policlinico San Matteo** – Pavia, Italy

Medical Resident in Radiology

[1 Nov 2021 – 30 Oct 2025]

- Clinical activities in both inpatient and outpatient settings
- Use of various imaging modalities: x-ray (XR), ultrasound (US), computed tomography (CT), and magnetic resonance imaging (MRI)
- Research activity within the memory clinic

 **Istituto Neurologico Nazionale Casimiro Mondino** – Pavia, Italy

Medical Resident in Radiology

[1 Nov 2021 – 30 Apr 2022]

- Clinical activities in both inpatient and outpatient neurology settings, with a focus on neurological disorders such as multiple sclerosis, memory disorders, and movement disorders.
- Use of various imaging modalities: x-ray (XR), ultrasound (US), computed tomography (CT), and magnetic resonance imaging (MRI), including 3T MRI.

 **Centro Médico Avernoes** – Madrid, Spain



Primary Care Physician

[1 Jul 2021 – 30 Sep 2021]

Complete and comprehensive management of out-of-hospital pathologies, primarily chronic conditions, with a daily workload of approximately 40 to 60 patients.

EDUCATION AND TRAINING

Radiology Residency

University of Pavia [1 Nov 2021 – 30 Oct 2025]

City: Pavia | Country: Italy | Website: <https://portale.unipv.it/it>

Degree of Doctor in Medicine

Alfonso X El Sabio University [1 Sep 2015 – 1 Jun 2021]

City: Madrid | Country: Spain | Website: <https://www.uax.com/en>

European community action scheme for the mobility of university students

University of Bologna-Alma Mater [1 Sep 2018 – 31 Jul 2019]

City: Bologna | Country: Italy | Website: <https://www.unibo.it/en> | Field(s) of study: Medicine

LANGUAGE SKILLS

Mother tongue(s): Spanish

Other language(s):

Italian

LISTENING C1 READING C1 WRITING C1
SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

English

LISTENING C1 READING C1 WRITING C1
SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

French

LISTENING A2 READING A2 WRITING A2
SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

NETWORKS AND MEMBERSHIPS

[1 Sep 2021 – Current] Vienna

European Society of Radiology (ESR)

[1 Sep 2021 – Current] Italy

Società Italiana di Radiologia (SIRM)

[29 Dec 2023 – 31 Dec 2025]

European Society of Musculoskeletal Radiology (ESSR) and Young Club ESSR Member

[1 Feb 2024 – 31 Dec 2025] Spain

Sociedad Española de Radiología Musculoesquelética (SERME)

VOLUNTEERING

[12 Oct 2025 – 12 Oct 2025] Chicago

Medical volunteer at the 2025 Bank of America Chicago Marathon

[2017 – 2017] Madrid

Volunteering in the association "Soñar despierto"



SOCIAL AND POLITICAL ACTIVITIES

[2018 – 2021] Madrid

Representative of the Interstate Council of Medical of the Alfonso X El Sabio University - CEEM

[2018 – 2021] Madrid

Representative of the State Council of Medical Students of the Alfonso X El Sabio University – CEUNE

HONOURS AND AWARDS

Abdominal Radiology

Distinguished Reviewer Award 2025 This recognition honors reviewers who demonstrated outstanding dedication in 2025 by accepting over 50% of review invitations and providing valuable, high-quality assessments for a minimum of five manuscripts.

Link: https://link.springer.com/journal/261/updates/27838722?print_view=true...

[30 Oct 2025] University of Pavia

Prof. Giacomo Madonna Study Award 2025-26 Awarded for academic excellence and dedication during the radiology residency, recognizing outstanding clinical performance, exam achievements, and contributions to scientific research (publications, conference presentations).

[2021] Alfonso X El Sabio University

Medicine Academic Merit Award Awarded the Academic Merit Prize for outstanding academic performance in the Faculty of Medicine, 2021.

CERTIFICATIONS

[Sep 2024]

Young Club Mentorship Programme - InSight Course, Paris

Event: European Society of Musculoskeletal Radiology (ESSR)

Paris, France

[2021]

Certificazione di Italiano come Lingua Straniera (CILS) - Third Level (C1)

Università per Stranieri di Siena

PUBLICATIONS

[2025]

Application of Artificial Intelligence in the Diagnosis of Scaphoid Fractures: Impact of Automated Detection of Scaphoid Fractures in a Real-Life Study.

Authors: Hernáiz Ferrer AI, Bortolotto C, Carone L, Preda EM, Fichera C, Lionetti A, Gambini G, Fresi E, Grassi FA, Preda L. | Journal Name: La Radiologia Medica | Volume, Issue and Pages: 130, 1633-1641

[2022]

Comparative study shows that 1 in 7 Spanish children with COVID-19 symptoms were still experiencing issues after 12 weeks.

Authors: Bergia M, Sanchez-Marcos E, Gonzalez-Haba B, Hernáiz AI, de Ceano-Vivas M, García López-Hortelano M, García-García ML, Jimenez-García R, Calvo C. | Journal Name: Acta Paediatr. | Volume, Issue and Pages: 111, 1573-1582

[2022]

Is asthma a risk factor for COVID-19 in children?

Authors: Calvo C, Hernáiz AI, Escolano L, et al. | Journal Name: Rev Latin Infect Pediatr. | Volume, Issue and Pages: 35, 1, 5-8

[2021]

La infección por Sars-Cov-2 en niños. ¿Es el asma un factor de riesgo de COVID-19?



PEER REVIEW ACTIVITY

[5 May 2026]

Prognostic value of CT-based imaging signatures combined with clinical features in intermediate-stage hepatocellular carcinoma after radical treatment

Abdominal Radiology

[25 Dec 2025]

Impact of a Deep-Learning Image Reconstruction Algorithm on ventilation and perfusion parameters derived by phase-resolved functional lung (PREFUL) MRI in a prospective healthy cohort

Clinical Radiology

[14 Dec 2025]

A Combined Model Integrating Radiomics and Deep Transfer Learning Based on Dual-Phase CT for Prediction of Response to First-Line Oxaliplatin-Based Chemotherapy in Unresectable Colorectal Liver Metastases: A Multicenter Study

Abdominal Radiology

[7 Oct 2025]

Imaging Surveillance Outcomes of Hepatocellular Adenomas: Systematic Review and Meta-analysis

Abdominal Radiology

[24 Jul 2025]

Comparison of hepatic PDFF, T2*, and T2 estimates from breath-hold and free-breathing respiratory-gated MRI acquisitions in children and young adults

Abdominal Radiology

[24 Jul 2025]

Diagnosis of liver fibrosis degree in autoimmune liver disease by magnetic resonance diffusion-weighted imaging

Abdominal Radiology

[7 Jun 2025]

LR-M FOR CT/MRI ON LI-RADS v2018: A REVIEW OF IMAGING CRITERIA, PERFORMANCE, CHALLENGES AND FUTURE DIRECTIONS FROM AN END-USER PERSPECTIVE

Abdominal Radiology

[1 Jun 2025]

Multiparametric radiomic analysis based on MRI for predicting satellite nodules and recurrence-free survival in patients with hepatocellular carcinoma

Abdominal Radiology

CONFERENCES PRESENTATIONS - ORAL COMMUNICATIONS

[4 Mar 2026]

Role of Artificial Intelligence in Assisting Non-MSK Specialist Radiologists with Tibial Plateau Fracture Detection

Research Presentation Session: Artificial Intelligence and Imaging Informatics

RPS 605 - Does AI really help? Real-world performance data in fracture diagnostics

[Jan 2025]



Invasive Breast Cancer with Bone Metastases: The Role of Whole-Body MRI

Event: Pre-Course Tumor Workshop: Clinical Cases Presented by Young Radiologists-European Society of Musculoskeletal Radiology (ESSR).

Location: Milan, Italy

[Sep 2024]

Lower Limb Soft Tissue Mass - Differential Diagnosis

Event: Young Club Mentorship Programme - InSight Course (European Society of Musculoskeletal Radiology, ESSR)

Location: Paris, France

[Jun 2024]

Application of Artificial Intelligence in the Diagnosis of Complex Cases of Scaphoid Fractures: A Real-Life Retrospective

Event: European Society of Musculoskeletal Radiology (ESSR 2024)

Location: Lugano, Switzerland

CONFERENCES PRESENTATIONS - POSTER

[30 Nov 2025 – 4 Dec 2025]

Sunday Vascular Case - RSNA 2025 Case of the Day

Radiological Society of North America

Chicago, USA

[Mar 2025]

The Role of Artificial Intelligence in the Diagnosis of Scaphoid Fractures

Event: ECR 2025, European Congress of Radiology, European Society of Radiology (ESR 2025)

Location: Vienna, Austria

[Feb 2025]

Post-Operative Application of Knee MR Arthrography in an Osteochondral Patellar Fracture Following Acute Dislocation: A Case Report

Event: XXVI Jornadas SERME, Sociedad Española de Radiología Muscular (SERME).

Location: Murcia, Spain

[Apr 2021]

La infección por Sars-CoV-2 en niños. ¿Es el asma un factor de riesgo de COVID-19?

Event: 2º Congreso Nacional Multidisciplinar Covid-19 de las Sociedades Científicas de España

Location: Spain

CONFERENCES AND SEMINARS

[26 Mar 2026 – 28 Mar 2026]

Urgenze non traumatiche dalla teoria alla pratica clinica

SIRM, Società Italiana di Radiologia e Interventistica

ECR 2026, European Congress of Radiology

European Society of Radiology (ESR)

Vienna, Austria

[30 Nov 2025 – 4 Dec 2025]



RSNA Annual Meeting 2025: Imaging the Individual

Radiological Society of North America

Chicago, USA

[27 Sep 2025]

NASCI Cardiac Imaging Bootcamp 2025

North American Society for Cardiovascular Imaging

Minneapolis, Minnesota, USA

[12 Sep 2025]

Lecture series: Imaging Evaluation of Liver and Renal Transplants

Northwestern Medicine-Feinberg School of Medicine

Chicago, USA

[11 Jul 2025]

Lecture series: photon counting CT

Northwestern Medicine-Feinberg School of Medicine

Chicago, USA

ECR 2025, European Congress of Radiology

European Society of Radiology (ESR)

Vienna, Austria

[6 Feb 2025 – 7 Feb 2025]

XXVI Jornadas SERME

Sociedad Española de Radiología Muscular (SERME)

Murcia, Spain

[Jan 2025]

Tumour Course ESSR 2025

European Society of Musculoskeletal Radiology (ESSR)

Milan, Italy

[Jan 2025]

Tumour Pre-Course 2025

European Society of Musculoskeletal Radiology (ESSR)

Milan, Italy

[26 Sep 2024 – 27 Sep 2024]

Le Urgenze: Dal Sintomo all' Imaging al Referto alle procedure Interventistiche

Università degli Studi del Piemonte Orientale "Amedeo Avogadro"

Novara, Italy

[Sep 2024]

Young Club Mentorship Programme - InSight Course

European Society of Musculoskeletal Radiology (ESSR)

Paris, France

[7 Jun 2024 – 8 Jun 2024]



ESSR Annual Meeting 2024

European Society of Musculoskeletal Radiology (ESSR)

Lugano, Switzerland

[28 Sep 2023 – 30 Sep 2023]

EUSOBI Annual Scientific Meeting 2023

European Society Of Breast Imaging

Valencia, Spain

[22 Sep 2023 – 23 Sep 2023]

In-Congress: new frontiers in interventional radiology and endovascular therapy

Università di Insubria

Varese, Italy

[Mar 2023]

ECR 2023, European Congress of Radiology

European Society of Radiology (ESR)

Vienna, Austria