

c v n CURRÍCULUM VITAE NORMALIZADO



Laureano Molins López-Rodó

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Date of document: 17/12/2023

v 1.4.3

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

I am a 66y/o General & Thoracic Surgeon, Professor of Surgery, fully dedicated to medical and surgical care, teaching, training and research since 1987, with more than 6.000 surgical interventions performed personally and organizing two thoracic surgical services in Barcelona. ESTS Quality Certification for both Thoracic Surgery Services Hospital Clinic & Sagrat Cor (2010-2015 & 2016-2020)

President of the Spanish National Commission of the Specialty of Thoracic Surgery (2018 to present)

Teaching Experience: Pregraduate Clinical Teaching of Medicine and Surgery; University of Barcelona (1988-1995).

Associate Professor of Surgery; University of Barcelona (1995-2020);

Professor of Surgery (Thoracic Surgery) (2020-today)

Professor of Respiratory Diseases, 4th year of Medical School (1995-2019)

Professor of Ethics & Professionalism, 1st year of Medical School (2016-2019)

Member of the Educational Committee, Department of Surgical Specialties, University of Barcelona (1999-2010) Professor of the Master in Respiratory Diseases, Barcelona University, 2007-2019.

Coordinator and Professor of the Master in Advances Skills, Diagnosis and Treatment of Lung Cancer Respiratory Diseases, Barcelona University, 2012-2019

Director of 9 Doctoral Thesis

Academic & Scientific Societies:

Member of the Royal European Academy of Doctors since 2017 <https://raed.academy/en/>

Member of the Royal Academy of Medicine of Catalonia since 2023 <https://ramc.cat/>

Director of External Relations (2010-2011), President (2008-2009), President Elect (2007-2008), Regent (2005-2007), Council Member (1995-1997) and Founder (1993) of the European Society of Thoracic Surgeons, ESTS

Member of the Society of Thoracic Surgeons (STS), member of the Workforce on International Relationships (2010-2013-2016); American Association of Thoracic Surgery (AATS), European Association of Cardiothoracic Surgery (EACTS), Internacional Association for the Study of Lung Cancer (IASLC), Minimally Invasive Thoracic Surgical Interest Group (MITSIG), European Respiratory Society (ERS), Chair Group 08.01 (2013-2016) and other 9 National and International Scientific Societies

473 presentations in National and International Meetings.

Other



Co-President of the 11th World Congress on Lung Cancer (IASLC) in July 2005
President of the Catalan Association for the study of Lung Cancer (ACECP) since 2009
National Coordinator of the Lung Ambition Alliance since 2021 <https://www.lungambitionalliance.com/>
Director of the International Meeting on General Thoracic Surgery in 101 editions (1992-2024) www.thoracicsurgery2021.org
Reviewer of the European Journal of Thoracic and Cardiovascular Surgery, Archivos de Bronconeumología, Annals of Oncology; Journal of Surgical Oncology
Member of the Editorial Board of the journal Current Challenges in Thoracic Surgery (CCTS)
President of the Spanish Association against Cancer in Catalonia since 2018 and National Vicepresident since 2020.

B.1. Breve descripción del Trabajo de Fin de Grado (TFG) y puntuación obtenida
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B.2. Breve descripción del Trabajo de Fin de Máster (TFM) y puntuación obtenida
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General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

H Index: 27
Published Articles: 136
In Q1 Journals last 5 years: 17
In D1 Journals last 5 years: 7
Number of Citations: 1979
Impact Factor: 300

**Laureano Molins López-Rodó**

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ResearcherID: 46256
Date of birth: 13/10/1957
Gender: Male
Nationality: Spain
Country of birth: Spain
Aut. region/reg. of birth: Catalonia
Contact province: Barcelona
City of birth: Barcelona
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Contact country: Spain
Contact aut. region/reg.: Catalonia
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Current professional situation

Employing entity: UNIVERSITY OF BARCELONA **Type of entity:** University
Department: Medicine
Professional category: Professor (Agregate)
City employing entity: Catalonia, Spain
Phone: (+34) 934021100
Start date: 2020

Employing entity: HOSPITAL CLINIC; BARCELONA UNIVERSITY **Type of entity:** University
Department: MEDICINE 6 SURGERY
Professional category: Chief, THORACIC SURGERY
City employing entity: Catalonia, Spain
Phone: (+34) 932279959
Start date: 2010
Type of contract: Statutory **Dedication regime:** Full time
Primary (UNESCO code): 321300 - Surgery
Secondary (UNESCO code): 321300 - Surgery
Tertiary (UNESCO code): 321300 - Surgery
Identify key words: Clinical medicine



Employing entity: Sagrat Cor University Hospital

Type of entity: University

Department: Barcelona University

Professional category: Chief, Thoracic Surgery

City employing entity: Catalonia, Spain

Phone: (+34) 933221111

Start date: 2000

Previous positions and activities

	Employing entity	Professional category	Start date
1	BARCELONA UNIVERSITY	Associate Profesor of Surgery	1995
2	Sagrat Cor University Hospital	Clínical Chief of Thoracic Surgery	1994
3	Sagrat Cor University Hospital	Thoracic Surgery Specialist	1990
4	Red Cross Hospital Barcelona	Specieaiist in General & Thoracic Surgery	1986
5	Red Cross Hospital Barcelona	Surgieri Resident	1981

1 **Employing entity:** BARCELONA UNIVERSITY **Type of entity:** University
City employing entity: Catalonia, Spain
Professional category: Associate Profesor of Surgery
Start-End date: 1995 - 31/03/2020

2 **Employing entity:** Sagrat Cor University Hospital **Type of entity:** University
City employing entity: Catalonia, Spain
Professional category: Clínical Chief of Thoracic Surgery
Start-End date: 1994 - 2000 **Duration:** 6 years

3 **Employing entity:** Sagrat Cor University Hospital **Type of entity:** University
City employing entity: Catalonia, Spain
Professional category: Thoracic Surgery Specialist
Start-End date: 1990 - 1993 **Duration:** 3 years

4 **Employing entity:** Red Cross Hospital Barcelona **Type of entity:** Healthcare Institutions
City employing entity: Catalonia, Spain
Professional category: Specieaiist in General & Thoracic Surgery
Start-End date: 1986 - 1990 **Duration:** 4 years

5 **Employing entity:** Red Cross Hospital Barcelona
City employing entity: Catalonia, Spain
Professional category: Surgieri Resident
Start-End date: 1981 - 1986 **Duration:** 5 years



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1** **Name of qualification:** Specialist in Thoracic Surgery
Degree awarding entity: Ministry of Health of Spain **Type of entity:** Administrative Body of the National Health System
Date of qualification: 2001
- 2** **Name of qualification:** Fellow of the European Board of Thoracic and Cardiovascular Surgery –FEBTS-
Degree awarding entity: European Society of Thoracic Surgery **Type of entity:** Associations and Groups
Date of qualification: 2001
- 3** **Name of qualification:** Specialist in General Surgery
Degree awarding entity: Ministry of Health of Spain **Type of entity:** Administrative Body of the National Health System
Date of qualification: 1987
- 4** **University degree:** Licenciado
Name of qualification: Graduate in Medicine and Surgery
Degree awarding entity: Universitat Autònoma de Barcelona **Type of entity:** University
Date of qualification: 1981

Doctorates

Doctorate programme: PhD in Medicine and Surgery "Cum Laude"
Degree awarding entity: Universitat Autònoma de Barcelona **Type of entity:** University
Date of degree: 27/09/1995

Specialized healthcare studies

- 1** **Name of the speciality:** Especialista en Cirugía Torácica
Awarding entity: Ministerio de Educación, Política Social y Deporte
City awarding entity: Madrid, Spain
Start-End date: 03/12/2001 -
- 2** **Name of the speciality:** Especialista en Cirugía General y del Aparato Digestivo
Awarding entity: Ministerio de Educación y Ciencia
City awarding entity: Madrid, Spain
Start-End date: 30/12/1987 -



Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

- 1** **Title of course/seminar:** XIII Jornades de Docència dels Ensenyaments de Medicina.
Goals of the course/seminar: Facultat de Medicina, Universitat de Barcelona.
City organizing entity: Barcelona, Catalonia, Spain
Organising entity: Universitat de Barcelona **Type of entity:** University
Duration in hours: 11 hours
Start-End date: 17/05/2013 - 18/05/2013
- 2** **Title of course/seminar:** Tècniques de comunicació. Gestió de la transferència de tecnologia i les activitats pròpies dels Parc Científics (Mòdul 6).
Goals of the course/seminar: Pla de formació en gestió i recerca a la Universitat de Barcelona.
City organizing entity: Barcelona, Catalonia, Spain
Organising entity: Universitat de Barcelona
Duration in hours: 11 hours
Start-End date: 18/06/2012 - 25/06/2012
- 3** **Title of course/seminar:** Tècniques per a la direcció estratègica. Gestió de recursos humans (Mòdul 5).
Goals of the course/seminar: Pla de formació en gestió i recerca a la Universitat de Barcelona.
City organizing entity: Barcelona, Catalonia, Spain
Organising entity: Universitat de Barcelona **Type of entity:** University
Duration in hours: 4 hours
Start-End date: 21/05/2012 - 21/05/2012
- 4** **Title of course/seminar:** Tècniques pel control de la qualitat aplicades a la Universitat. El marc general de l'avaluació de la docència. Gestió de la qualitat de la docència. (Mòdul 4).
Goals of the course/seminar: Pla de formació en gestió i recerca a la Universitat de Barcelona.
City organizing entity: Barcelona, Catalonia, Spain
Organising entity: Universitat de Barcelona
Duration in hours: 5 hours
Start-End date: 17/04/2012 - 17/04/2012
- 5** **Title of course/seminar:** Mediació de conflictes. Habilitats directives i de lideratge (Mòdul 3).
Goals of the course/seminar: Pla de formació en gestió i recerca a la Universitat de Barcelona.
City organizing entity: Barcelona, Catalonia, Spain
Organising entity: Universita de Barcelona
Duration in hours: 5 hours
Start-End date: 12/03/2012 - 13/03/2012
- 6** **Title of course/seminar:** Gestió de grups i projectes de recerca. Els rànquings de la recerca. Indicadors i sistemes. L'avaluació dels projectes de recerca. Reptes en la gestió de la recerca. (Mòdul 2)
Goals of the course/seminar: Pla de formació en gestió i recerca a la Universitat de Barcelona.
City organizing entity: Barcelona, Catalonia, Spain
Organising entity: Universitat de Barcelona **Type of entity:** University
Duration in hours: 5 hours
Start-End date: 21/02/2012 - 21/02/2012



- 7 Title of course/seminar:** La Gestió Acadèmica. La Gestió del Professorat. La Gestió en l'àmbit de les polítiques d'estudiants i lingüística. La Gestió de la Docència. La Gestió de la Recerca. La transferència de tecnologia. La Gestió de la internacionalització. L'àmbit normatiu de la gestió universitària., Les Olaus de la universitat actual. Recerca, docència i gestió, es pot fer? Elements propis dels sistemes de qualitat universitària. (Mòdul 1. General)
- Goals of the course/seminar:** Pla de formació en gestió i recerca a la Universitat de Barcelona.
- City organizing entity:** Barcelona, Catalonia, Spain
- Organising entity:** Universitat de Barcelona
- Duration in hours:** 9 hours
- Start-End date:** 23/01/2012 - 24/01/2012

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English	C1	C1	C1	C1	C1
Spanish	C2	C2	C2	C2	C2

Teaching experience

Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Efectos del trasplante de células madre y la transfección de HSP27 sobre un modelo experimental de fibrosis pulmonar” (Línea de investigación: Fisiopatología de las Enfermedades Medicoquirúrgicas)
- Type of project:** Doctoral thesis
- Entity:** Universitat de Barcelona **Type of entity:** University
- City of entity:** Barcelona, Catalonia, Spain
- Student:** Daniel López Fernández
- Obtained qualification:** Excelente
- Date of reading:** 15/12/2017
- 2 Project title:** Update on lung cáncer screening
- Type of project:** End of course project
- Entity:** Universitat de Barcelona
- City of entity:** Barcelona, Catalonia, Spain
- Student:** Laura Muñoz Delgado
- Date of reading:** 2016
- 3 Project title:** Uso del pulmón artificial en cirugía de la vía aérea e investigación de nuevos sistemas de soporte respiratorio extracorpóreo. (Línea de investigación: Biopatología y Bioingeniería Respiratoria, Cardiovascular y Renal)
- Entity:** Universitat de Barcelona **Type of entity:** University
- Student:** DAVID SÁNCHEZ LORENTE
- Date of reading:** 10/07/2015
- 4 Project title:** Memoria de gestión Jefatura de Servicio de Cirugía Torácica Complejo Hospitalario Universitario de Albacete
- Type of project:** Memoria Trabajo Fin de Master
- Entity:** Universidad de Murcia **Type of entity:** University
- Student:** Pablo León Atance



Date of reading: 2015

- 5** **Project title:** Resultados de la aplicación de un protocolo prequirúrgico de estadificación de máxima certeza en el tratamiento del carcinoma broncogénico
Type of project: Doctoral thesis
Co-director of thesis: R Rami-Porta
Entity: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Catalonia, Spain
Student: Carme Obiols Fornell
Obtained qualification: Excelente
Date of reading: 19/12/2014
- 6** **Project title:** Maneig radiològic dels petits nòduls pulmonars: valoració crítica de la punció guiada per TAC i de la col.laboració prequirúrgica d'arpons.
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: EDUARD E MAURI PAYTUBÉ
Date of reading: 15/01/2013
- 7** **Project title:** Técnicas de reconstrucción broncoangioplásticas y uso de injertos criopreservados de cadáver en cirugía de preservación pulmonar en el tratamiento quirúrgico del cáncer de pulmón.
Entity: Universitat de Barcelona **Type of entity:** University
Student: Abel Gómez-Caro ANDRÉS
Date of reading: 09/03/2011
- 8** **Project title:** Efectos del trasplante de células madre y la transfección de HSP27 sobre un modelo experimental de fibrosis pulmonar” (Línea de investigación: Fisiopatología de las Enfermedades Medicoquirúrgicas)
Entity: Universitat de Barcelona **Type of entity:** University
Student: DANIEL LOPEZ FERNÁNDEZ

Healthcare experience

Courses and seminars given to healthcare professionals focused on improving medical care

- 1** **Name of the course:** VIII Educational Symposium of the Spanish Lung Cancer Group. Treating Stage I: Potential role of sublobar resections in NSCLC (Session I: NSCLC: Early stages)
City organizing entity: Madrid, Spain
Organising entity: Grupo Español de Cancer de Pulmón (GECP)
City of entity: Madrid,
Start-End date: 17/11/2016 - 18/11/2016
- 2** **Name of the course:** Máster de Postgrado de formación no presencial. Máster en Dirección de Unidades Clínicas. Fundación IMAS y Universidad de Murcia. Impartiendo 30 horas de la Materia 3: Marco de funcionamiento de las Unidades Clínicas. El hospital y la unidad en la red asistencial II.
City organizing entity: Murcia, Region of Murcia, Spain
Entity where project took place: Universidad de Murcia
Start-End date: 04/11/2013 - 31/01/2015



3 **Name of the course:** Lung Cancer III: Surgical Management of Typical and Atypical Carcinoid Tumors. 3rd Annual Advances in Thoracic Surgical Oncology. Thoracic Surgery Course
City organizing entity: Barcelona, Catalonia, Spain
Organising entity: European Society of Thoracic Surgery (ESTS)
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Catalonia, Spain
Start date: 08/10/2016

4 **Name of the course:** Lung Cancer II: Lung Cancer Trials in Europe. 3rd Annual Advances in Thoracic Surgical Oncology. Thoracic Surgery Course,
City organizing entity: Barcelona, Catalonia, Spain
Organising entity: European Society of Thoracic Surgery (ESTS)
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Catalonia, Spain
Start date: 07/10/2016

Healthcare innovation projects

1 **Name of the project:** CASSSANDRA Pilot Study (Cancer Screening, Smoking Cessation AND Respiratory Assessment)
Entity where project took place: 42 Hospitals in SPAIN **Type of entity:** Associations and Groups
Start date: 01/11/2023 **Duration:** 5 years

2 **Name of the project:** BREATH OF HEALTH: A NOVEL E-NOSE DEVICE BASED ON ARTIFICIAL INTELLIGENCE FOR THE DETECTION OF LUNG CANCER
Entity where project took place: Hospital Clinic, Barcelona ;Breath of Health Ltd 19 Eli Horowitz Peres, Rehovot, Israel **Type of entity:** Innovation and Technology Centres
Start date: 03/04/2023 **Duration:** 2 years

3 **Name of the project:** Trained dogs to identify malignant solitary pulmonary nodules in exhaled gas
Type of participation: Co-ordinator
Name of the main researcher: Angela Guirao
Entity where project took place: Hospital Clinic, Barcelona **Type of entity:** University Department
Start date: 04/07/2019 **Duration:** 5 years

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Study of the clinical applicability of organoid culture in early stages of non-small cell lung cancer
Entity where project took place: University of Barcelona
Type of entity: University
City of entity: Barcelona,
Name principal investigator (PI, Co-PI....): Ramon Marrades; Laureano Molins; Alfons Navarro; Daniel Martinez; Melissa Acosta Plassencia
N° of researchers: 5
Funding entity or bodies: Sociedad Española de Neumología y Cirugía Torácica
Type of entity: Associations and Groups
Start-End date: 14/12/2021 - 14/12/2024
- 2** **Name of the project:** Ex vivo pulmonary evaluation of donors in uncontrolled asystole.
Entity where project took place: Hospital Clinic de Barcelona
Type of entity: University
City of entity: Spain
Name principal investigator (PI, Co-PI....): Marc Boada; Laureano Molins
Funding entity or bodies: Sociedad Española de Neumología y Cirugía Torácica Project 2018/440
Start-End date: 2018 - 2020
Total amount: 15.000 €
- 3** **Name of the project:** Breathomics: non-invasive diagnosis of lung cancer: tumor markers and evaluation of an automatic "point of care" measurement system
Entity where project took place: Hospital Clinic Barcelona
City of entity: Spain
Name principal investigator (PI, Co-PI....): Laureano Molins
Funding entity or bodies: Sociedad Española de Neumología y Cirugía Torácica Project 2018/513
Start-End date: 2018 - 2019
Total amount: 6.000 €
- 4** **Name of the project:** Clinical potential of exosomes derived from tumor-draining vein in lung cancer surgical patients in identifying patients at high risk of relapse
Entity where project took place: Hospital Clinic Barcelona
Type of entity: University
City of entity: Spain
Name principal investigator (PI, Co-PI....): Alfons Navarro; Laureano Molins
Funding entity or bodies:



Asociación Española Contra el Cáncer Grant 2017

Start-End date: 2018 - 2019

Total amount: 35.000 €

5 Name of the project: Diffuse Interstitial Lung Disease (DILD). Comparative study of the diagnostic yield of surgical lung biopsy versus cryobiopsy

Entity where project took place: Hospital Clinic de Barcelona **Type of entity:** University

City of entity: Spain

Name principal investigator (PI, Co-PI...): Alejandra Libreros; Laureano Molins

Funding entity or bodies:

Sociedad Española de Cirugía Torácica SECT

Start-End date: 2018 - 2019

Total amount: 3.000 €

6 Name of the project: Prognostic factors in the surgical treatment of lung metastases from colorectal carcinoma

Entity where project took place: Hospital Clinic Barcelona **Type of entity:** University

City of entity: Spain

Name principal investigator (PI, Co-PI...): Jorge Freixinet Gilart; Laureano Molins

Funding entity or bodies:

Sociedad Española de Neumología y Cirugía Torácica Project 028/2014

Start-End date: 2015 - 2016

Total amount: 8.000 €

7 Name of the project: Complications of lung resections for bronchogenic carcinoma

Entity where project took place: Hospital Clinic Barcelona **Type of entity:** University

City of entity: Spain

Name principal investigator (PI, Co-PI...): Antonio Cueto; Laureano Molins

Funding entity or bodies:

Sociedad Española de Cirugía Torácica SECT

Start-End date: 2012 - 2015

Total amount: 6.000 €

8 Name of the project: Detection of CTCs and microRNAs in tumor pulmonary venous blood as indicators of residual disease or generation of M1 in patients undergoing lung cancer surgery

Entity where project took place: University of Barcelona **Type of entity:** University

City of entity: Barcelona, Catalonia, Spain

Name principal investigator (PI, Co-PI...): Ramon Marrades; Nuria Viñolas; Ramon Artells; Laureano Molins; Jose Ramirez; Jose R Francesqui

Nº of researchers: 5

Funding entity or bodies:

Ministerio de Economía y Competitividad. Instituto de Salud Carlos III. Fondo de Investigación Sanitaria. FIS 2012 (Proyecto PI12/00405)

Start-End date: 2012 - 2015

Total amount: 54.450 €



- 9** **Name of the project:** Lung regenerative capacity in patients with COPD: integrated analysis of the Stem cell functionality and the inflammatory microenvironment.
Entity where project took place: Hospital Clinic of Barcelona **Type of entity:** University
City of entity: Barcelona, Catalonia, Spain
Name principal investigator (PI, Co-PI....): Alvar Agusri; Robert Rodriguez Roisin; Laureano Molins; Nestor Gonzalez; Tomas Cruz; Alfonso Lopez Giraldi
Nº of researchers: 5
Funding entity or bodies: Ministerio de Economía y Competitividad. Instituto de Salud Carlos III. Fondo de Investigación Sanitaria. FIS 2012 (Proyecto PI12/01117)
Start-End date: 2012 - 2015
Total amount: 113.135 €
- 10** **Name of the project:** System for continuous control of the internal pressure of the tracheal balloon of the double-lumen endobronchial tubes to prevent microaspiration of oropharyngeal secretions in patients undergoing resection of bronchogenic carcinoma
Entity where project took place: Hospital Clinic Barcelona **Type of entity:** University
City of entity: Spain
Name principal investigator (PI, Co-PI....): Vanesa Diaz Ravellat; Antoni Torres; Luiggi Bassi; Laureano Molins
Funding entity or bodies: Hospital Clinic Barcelona Josep Font Grant
Start-End date: 2013 - 2014
Total amount: 4.500 €
- 11** **Name of the project:** Comparative analysis of analgesic quality in the postoperative period of thoracotomy: paravertebral block with ropivacaine 0.2% in bolus versus continuous administration with a portable infusion pump.
Entity where project took place: Sagrat Cor University Hospital
City of entity: Barcelona, Catalonia, Spain
Name principal investigator (PI, Co-PI....): Juan José Fibla Alfara; Laureano Molins López-Rodó; Jose Manuel Mier Odriazola; Jorge Hernández Ferrandez; Ana Sierra
Funding entity or bodies: Fundación SEPAR Respira
Start-End date: 2008 - 2010
Total amount: 6.000 €
- 12** **Name of the project:** Spanish multicenter study of "Role of video-thoracoscopic lung biopsy (BP-VATS) in the diagnosis of diffuse interstitial lung disease (DILD) and evaluation of an outpatient surgical approach"
Entity where project took place: Sagrat Cor University Hospital **Type of entity:** University
City of entity: Barcelona, Catalonia, Spain
Name principal investigator (PI, Co-PI....): Laureano Molins
Funding entity or bodies: Sociedad Española de Neumología y Cirugía Torácica **Type of entity:** Associations and Groups
Start-End date: 2007 - 2009
Total amount: 6.000 €



- 13** **Name of the project:** Prospective and retrospective study of thoracic sympathectomy in hyperhidrosis of the Spanish Group of Thoracic Sympathectomy SEPAR
Entity where project took place: Sagrat Cor University Hospital **Type of entity:** University
City of entity: Spain
Name principal investigator (PI, Co-PI....): Marco Antonio Callejas; Laureano Molins
Funding entity or bodies: Sociedad Española de Neumología y Cirugía Torácica **Type of entity:** Associations and Groups
Start-End date: 2002 - 2005
- 14** **Name of the project:** Prospective and retrospective study of the prognostic value of neuroendocrine differentiation in the initial stage of non-small cell bronchogenic carcinoma
Entity where project took place: Sagrat Cor Hospital **Type of entity:** University
City of entity: Spain
Name principal investigator (PI, Co-PI....): Federico Gonzalez Aragoneses; Laureano Molins
Funding entity or bodies: Ministerio de Economía y Competitividad. Instituto de Salud Carlos III. Fondo de Investigación Sanitaria. FIS 2000 (Proyecto 02/113)
Start-End date: 2000 - 2004
- 15** **Name of the project:** Spanish Multicenter Study of Neuroendocrine Lung Tumors EMETNE-SEPAR
Entity where project took place: Sagrat Cor University Hospital **Type of entity:** University
City of entity: Spain
Name principal investigator (PI, Co-PI....): Mariano Garcia Yuste; Laureano Molins
Funding entity or bodies: Sociedad Española de Neumología y Cirugía Torácica **Type of entity:** Associations and Groups
Start-End date: 1998 - 2003
Total amount: 5.000 €
- 16** **Name of the project:** Cooperative Group for the National Registry of Videothoracoscopic Surgery (GCCVT-SEPAR).
Entity where project took place: Sagrat Cor University Hospital **Type of entity:** University
City of entity: Spain
Name principal investigator (PI, Co-PI....): Juan Jose Rivas de Andres; Laureano Molins
Funding entity or bodies: Sociedad Española de Neumología y Cirugía Torácica **Type of entity:** Associations and Groups
Start-End date: 1994 - 2000
Total amount: 5.000 €
- 17** **Name of the project:** Role of Transforming Growth Factor Beta-1 (TGF-B1) in Pulmonary Fibrosis
Entity where project took place: Sagrat Cor University Hospital **Type of entity:** University
City of entity: Spain



Name principal investigator (PI, Co-PI....): Antoni Xaubet; Laureano Molins

Funding entity or bodies:

Ministerio de Economía y Competitividad. Instituto de Salud Carlos III. Fondo de Investigación Sanitaria. FIS 2012 (Proyecto 00/371)

Start-End date: 1996 - 1998

Total amount: 20.000 €

18 Name of the project: Role of cyclooxygenase-2 in the pathogenesis of idiopathic pulmonary fibrosis

Entity where project took place: Sagrat Cor **Type of entity:** University
University Hospital

City of entity: Spain

Name principal investigator (PI, Co-PI....): Antoni Xaubet; Laureano Molins

Funding entity or bodies:

Sociedad Española de Neumología y Cirugía Torácica SREPAR Project 0055/96

Start-End date: 1996 - 1998

Total amount: 4.000 €

R&D non-competitive contracts, agreements or projects with public or private entities

1 Name of the project: Prospective, randomized Phase III trial of surgery with or without chemotherapy with Paclitaxel and neoadjuvant or adjuvant Carboplatin in patients with operable non-small cell lung cancer (NATCH).

City of entity: Spain

Name principal investigator (PI, Co-PI....): Rafael Rosell; Laureano Molins

Funding entity or bodies:

Lung Cancer Spanish Group 99/02

Start date: 2101

Duration: 3 years

2 Name of the project: Prospective, Randomized, Controlled, Multi-Center Evaluation of a Powered Vascular Stapler in Video-Assisted Thoracoscopic Lobectomies

Name principal investigator (PI, Co-PI....): Peter Licht; C Ribaric; T Grabtree; T Lanuti; Laureano Molins; S Knippenberg; A Yoo

Funding entity or bodies:

Ethicon Endosurgery

City funding entity: Spain

Start date: 2017

Duration: 1 year

Total amount: 15.000 €

3 Name of the project: 5. AMP Thoracic Study. Real World outcomes of Video-Assisted Thoracoscopic Surgery for lung cancer using ECHELON FLEXTM Powered ENDOPATHR Stapler: a prospective European multicenter study. (Protocol: CME-12001)

Name principal investigator (PI, Co-PI....): Peter Licht; Laureano Molins

Funding entity or bodies:

Ethicon Endosurgery

Start date: 2013

Duration: 2 years

Total amount: 20.000 €



4 Name of the project: Prospective multicenter study: European Thoracic Database of the European Society of Thoracic Surgeons (ESTS)

City of entity: Spain

Name principal investigator (PI, Co-PI....): Richard Berrisford; Laureano Molins

Funding entity or bodies:

European Society of Thoracic Surgeons RSYS

Start date: 2002

Duration: 2 years

5 Name of the project: Prospective multicenter study to evaluate the prognostic factors involved in the surgical treatment of lung metastases from colorectal carcinoma

City of entity: Spain

Name principal investigator (PI, Co-PI....): Juan Jose Rivas de Andres; Laureano Molins

Funding entity or bodies:

Ethicon Endosurgery

Start date: 2000

Duration: 4 years

Total amount: 6.000 €

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

1 Carmen M Lucena; Roberto Martin Deleon; Marc Boada; Ramon M Marrades; Marcelo Sanchez; Ivan Vollmer; Daniel Martinez; Ainhoa Fontana; Noemi Reguart; Laureano Molins; Carlos Agustí. Integral mediastinal staging in patients with NON-SMALL cell lung cancer and risk factors for occult N2 disease. Respiratory Medicine. 28/01/2023.

DOI: 10.1016/j.rmed.2023.107132

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Position of signature: 10

Total no. authors: 11

2 Bing Han; Laureano Molins; Yangyi He; Nuria Viñolas; David Sanchez Lorente; Marc Boada; Angela Guirao; Tania Diaz; Daniel Martinez; Jose Ramirez; Jorge Moises; Melissa Acosta Plasencia; Mariano Monzo; Ramon M Marrades; Alfons Navarro. Characterization of the MicroRNA Cargo of Extracellular Vesicles Isolated from a Pulmonary Tumor-Draining Vein Identifies miR-203a-3p as a Relapse Biomarker for Resected Non-Small Cell Lung Cancer. International Journal of Molecular Science.27/05/2022.

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Type of production: Scientific paper

Format: Journal

Position of signature: 2

Total no. authors: 15

3 B Han; RM Marrades; N Viñolas; Y He; J Canals; T Díaz; L Molins; D Martinez; J Moisés; D Sánchez; M Boada; M Acosta-Plasencia; C Cros-Font; M Monzo; A Navarro. Monitoring HOTTIP levels on extracellular vesicles for predicting recurrence in surgical non-small cell lung cancer patients. Translational Oncology. 2021. ISSN 1936-5233

DOI: 10.1016/j.tranon.2021.101144

Type of production: Scientific paper

Position of signature: 7

Total no. authors: 15

- 4** J Moisés; A Navarro; JJ Castellano; N Viñolas; L Molins; J Canals; B Han; J Martín; J Ramirez; G Frigola; RM Marrades; M Monzo. Long Non-Coding RNA NANCI/NKX2-1 Duplex Impacts Prognosis in Stage I Non-Small-Cell Lung Cancer. Archivos de Bronconeumología. 2020. ISSN 0300-2896
DOI: 10.1016/j.arbres.2020.01.011
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Position of signature: 5
Total no. authors: 12
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DOI: 10.1097/CEJ.0000000000000566
Type of production: Scientific paper
Position of signature: 12
Total no. authors: 12
- 6** G Massard; N Tabin; L Konge; AE Frick; H Batirel; A Brunelli; S Elia; M Huertgen; L Molins; K Papagiannopoulos; D Subotic; P van Schil; G Varela; D van Raemdonck. Training curriculum for European thoracic surgeons: a joint initiative of the European Society of Thoracic Surgeons and the European Respiratory Society. European Journal of Cardio-Thoracic Surgery. 2020.
DOI: 10.1183/13993003.02012-2019
Type of production: Scientific paper
Position of signature: 9
Total no. authors: 14
- 7** Alfons Navarro; Laureano Molins; Ramon M Marrades; Jorge Moises; Nuria Viñolas; Sara Morales; Jordi Canals; Joan J Castellano; José Ramírez; Mariano Monzo. Exosome Analysis in Tumor-Draining Pulmonary Vein Identifies NSCLC Patients with Higher Risk of Relapse after Curative Surgery. Cancers. 11 - 2, (Switzerland): 21/02/2019. ISSN 2072-6694
DOI: 10.3390/cancers11020249
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Position of signature: 2
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Total no. authors: 10

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Type of production: Scientific paper
Position of signature: 1
Total no. authors: 9
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Position of signature: 4
Total no. authors: 10
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Total no. authors: 15
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Position of signature: 9
Total no. authors: 9
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- 23** D Isla; M Majem; N Viñolas; A Artal; A Blasco; E Felip; P Garrido; J Remón; M Baquedano; J M Borrás; M Die Trill; R García Campelo; O Juan; C León; P Lianes; F López Ríos; L Molins; M Á Planchuelo; M Cobo; L Paz Ares; J M Trigo; J de Castro. A consensus statement on the gender perspective in lung cancer. *Clinical & translational oncology* : official publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico. 19 - 5, pp. 527 - 535. (Italy): 05/2017. ISSN 1699-3055
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Type of production: Scientific paper
Position of signature: 2
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 9
Relevant results: doi.org/10.1093/ejcts/ezx152
- 26** G Massard; N Tabin; L Konge; AE Frick; H Batirel; A Brunelli; S Elia; M Huertgen; L Molins; K Papagiannopoulos; D Subotic; P va Schil; G Varela; D van Raemdonck. Training curriculum for European thoracic surgeons: a joint initiative of the European Society of Thoracic Surgeons and the European Respiratory Society. *European Respiratory Journal.* 2020.
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Total no. authors: 1
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Position of signature: 6
Total no. authors: 6

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Position of signature: 6
Total no. authors: 6

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- 65** Elena Fernández; Laureano Molins; Juan J Fibla; José M Mier. Simultaneous bilateral posterior thoracotomy with the patient in the prone position for resection of bilateral posterior lung metastases. *Interactive cardiovascular and thoracic surgery*. 13 - 4, pp. 437 - 439. 10/2011. ISSN 1569-9285
- 66** Juan J Fibla; Laureano Molins; Jose Manuel Mier; Ana Sierra; Diego Carranza; Gonzalo Vidal. The efficacy of paravertebral block using a catheter technique for postoperative analgesia in thoracoscopic surgery: a randomized trial. *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*. 40 - 4, pp. 907 - 911. (Germany): 10/2011. ISSN 1873-734X
- 67** José M Mier; Juan J Fibla; Laureano Molins. [Another application of the STRATOS system for the correction of chest wall deformities. Repeat surgery of pectus excavatum after failure of a Ravitch procedure]. *Cirugia española*. 89 - 8, pp. 558. (Spain): 10/2011. ISSN 1578-147X
- 68** Jorge L Freixinet; Gonzalo Varela; Laureano Molins; Juan J Rivas; José M Rodríguez Paniagua; Pedro López de Castro; José M Izquierdo; Juan Torres. Benchmarking in thoracic surgery. *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*. 40 - 1, pp. 124 - 129. (Germany): 07/2011. ISSN 1873-734X
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- 70** Abel Gómez Caro; Samuel García; María José Jiménez; Purificación Matute; J M Gimferrer; Laureano Molins. Lung sparing surgery by means of extended broncho-angioplastic (sleeve) lobectomies. *Archivos de bronconeumologia*. 47 - 2, pp. 66 - 72. (Spain): 02/2011. ISSN 1579-2129
- 71** Laureano Molins; Juan J Fibla; José M Mier; Gonzalo Vidal; Ana Sierra. Bilateral thoracoscopic sympathetic block by clipping. *Multimedia manual of cardiothoracic surgery : MMCTS*. 2011 - 1110, pp. mmcts.2010.004861. 01/01/2011.
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- 81** Juan J Fibla; Laureano Molins; Jose M Mier; Gonzalo Vidal. [Results of videothoroscopic sympathectomy in the treatment of facial redness and hyperhidrosis in 41 patients]. Cirugia española. 83 - 5, pp. 256 - 259. (Spain): 05/2008. ISSN 0009-739X
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- 84** Mariano García Yuste; Laureano Molins; José M Matilla; Federico González Aragoneses; Javier López Pujol; Guillermo Ramos; Mercedes de la Torre. [Trends in prognostic factors for neuroendocrine lung tumors]. Archivos de bronconeumología. 43 - 10, pp. 549 - 556. (Spain): 10/2007. ISSN 0300-2896
- 85** Laureano Molins. [Ambulatory chest surgery]. Archivos de bronconeumología. 43 - 4, pp. 185 - 187. (Spain): 04/2007. ISSN 0300-2896



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- 87** Laureano Molins; Juan J Fibla; Javier Perez; Gonzalo Vidal. Chest wall surgery: Nuss technique for repair of pectus excavatum in adults. Multimedia manual of cardiothoracic surgery : MMCTS. 2007 - 102, pp. mmcts.2004.000315. 01/01/2007.
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- 90** Gonzalo Varela; Laureano Molins; Julio Astudillo; José María Borro; Emilio Canalís; Jorge Freixinet; Carlos Hernández Ortiz; Florentino Hernando Trancho; José Antonio Maestre. [Pilot benchmarking study of thoracic surgery in Spain: comparison of cases of lung resection and indicators of quality]. Archivos de bronconeumologia. 42 - 6, pp. 267 - 272. (Spain): 06/2006. ISSN 0300-2896
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- 97** G Vidal; L Molins; J Buitrago. [Persistent airway leak and residual pleural cavity after lung resection]. Archivos de bronconeumologia. 35 - 6, pp. 294 - 296. (Spain): 06/1999. ISSN 0300-2896
- 98** L Molins; L J Buitrago; G Vidal. Tracheal lacerations after intubation. Chest. 114 - 6, pp. 1793 - 1794. 12/1998. ISSN 0012-3692



- 99** I Sampablo; F Tresserra; L Molins. [Multiple pulmonary metastasis of carotid glomus tumor].Archivos de bronconeumologia. 34 - 6, pp. 313 - 314. (Spain): 06/1998. ISSN 0300-2896
- 100** L J Buitrago; L Molins; G Vidal. [Treatment of palmar hyperhidrosis by video-thoracoscopic thoracic sympathectomy].Medicina clinica. 110 - 7, pp. 279. (Spain): 28/02/1998. ISSN 0025-7753
- 101** L Molins; L J Buitrago; G Vidal. Conservative treatment of tracheal lacerations secondary to endotracheal intubation.The Annals of thoracic surgery. 64 - 4, pp. 1227 - 1228. 10/1997. ISSN 0003-4975
- 102** L J Buitrago; L Molins; J E Boada; J J Sopeña; G Vidal. [Conservative treatment of 2 tracheal lesions secondary to anesthetic intubation].Archivos de bronconeumologia. 33 - 3, pp. 151 - 153. (Spain): 03/1997. ISSN 0300-2896
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- 104** L Molins. [Interventional video thoracoscopy].Archivos de bronconeumologia. 30 - 3, pp. 117 - 120. (Spain): 03/1994. ISSN 0300-2896
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- 106** L Molins; J Lluís; M Galofré. [Zenker's diverticulum. The clinical manifestations and treatment].Revista espanola de enfermedades digestivas : organo oficial de la Sociedad Espanola de Patologia Digestiva. 81 - 5, pp. 313 - 315. (Spain): 05/1992. ISSN 1130-0108
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- 108** L Molins; W Spencer Payne. [Schatzki's ring].Revista espanola de las enfermedades del aparato digestivo. 76 - 3, pp. 290 - 294. (Spain): 09/1989. ISSN 0034-9437
- 109** L Molins. [Evaluation of the mediastinum in bronchogenic carcinoma].Medicina clinica. 90 - 14, pp. 595. (Spain): 09/04/1988. ISSN 0025-7753
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- 111** L Molins; A M Cañadell; F Rodríguez Méndez; M Galofré. [Fine-needle puncture-aspiration of solitary thyroid nodules. Evaluation over a 5-year period].Medicina clinica. 89 - 10, pp. 401 - 404. (Spain): 03/10/1987. ISSN 0025-7753
- 112** L Molins; M Galofré. [Follicular proliferations in aspiration cytology of thyroid nodules].Medicina clinica. 87 - 16, pp. 694 - 695. (Spain): 15/11/1986. ISSN 0025-7753



- 113** L Molins; A M Cañadell; F Rodríguez Méndez; M Galofré. [Clinical diagnosis and fine needle puncture-aspiration of solid tumors of the breast]. *Medicina clinica*. 86 - 14, pp. 582 - 586. (Spain): 12/04/1986. ISSN 0025-7753
- 114** L Molins; R Carreno; M Galofré; F Rodríguez Méndez. [Cystosarcoma phyllodes]. *Medicina clinica*. 81 - 12, pp. 506 - 508. (Spain): 22/10/1983. ISSN 0025-7753
- 115** J M Mier; J J Fibla; L Molins. The benefits of digital thoracic drainage system for outpatients undergoing pulmonary resection surgery. *Revista portuguesa de pneumologia*. 17 - 5, pp. 225 - 227. (Spain): ISSN 2172-6825
- 116** Francisco B Lacy; Juan J Fibla; Jorge Hernández; Laureano Molins. [Intralobar pulmonary sequestration]. *Cirugia espanola*. 93 - 7, pp. e59. (Spain): ISSN 1578-147X
- 117** L Molins; F Rodríguez Méndez; J Viguera; Galofré. [Salpingitis caused by Chlamydia trachomatis and peri-appendicitis]. *Revista quirurgica espanola : RQE*. 15 - 4, pp. 208 - 210. (Spain): ISSN 0210-2196

Works submitted to national or international conferences

- 1** **Title of the work:** Intraoperative location of pulmonary nodules. Comparative analysis of localization with magnetic seed and localization with radiotracer.
Name of the conference: XIII Congress of the Spanish Society of Thoracic Surgery (SECT).
Date of event: 19/05/2023
Organising entity: SECT
City organizing entity: Catalonia, Spain
RODRIGUEZ ALVARADO; Laureano Molins.
- 2** **Title of the work:** DIO2 is implicated in the antitumor effect of the lung embryonic stem cell conditioned medium and impacts prognosis in non-small cell lung cancer
Name of the conference: ESMO 2021
Date of event: 2021
Organising entity: ESMO
J Canals; A Navarro; N Viñolas; T Diaz; RM Marrades; J Moises; M Acosta; C Cros; H Bing; Y He; D Martinez; L Molins; M Monzo.
- 3** **Title of the work:** Sociedad Española de Neumología y Cirugía Torácica
Name of the conference: ESMO 2021
Date of event: 2021
Organising entity: Annals of Oncology
H Bing; N Viñolas; Y He; J Canals; T Díaz; RM Marrades; L Molins; D Martinez; J Moises; M Acosta; C Cros; M Monzo; A Navarro.
- 4** **Title of the work:** Operation of a multidisciplinary committee for serious and complex airway diseases (MAB Committee)
Name of the conference: 53º Congreso Nacional Virtual de la Sociedad Española de Neumología y Cirugía Torácica
Date of event: 2020
Organising entity: Sociedad Española de Neumología y Cirugía Torácica
R Amaro; I Boborla; E Arismendi; A Vlaga; M Sánchez; N Soler; N Corominas; D Soy; C Agustí; C Lucena; D Sánchez; M Boada; L Molins; R Rodríguez-Roisin; JA Barberà; A Valero; A Torres; A Agustí.



- 5** **Title of the work:** Role of PIR-796 in early stages of CCNP
Name of the conference: 53º Congreso Nacional Virtual de la Sociedad Española de Neumología y Cirugía Torácica
Date of event: 2020
Organising entity: Sociedad Española de Neumología y Cirugía Torácica
K Crespo; M Casadevall; D Martínez; J Castellano; P Martínez; A Palomeque; C Guerrero; JM Lafuente; N Viñolas; L Molins; A Navarro; M Monzo; R Marrades.
- 6** **Title of the work:** Clinical applications of rigid bronchoscopy in central airway obstruction. Experience of a third level center
Name of the conference: 52º Congreso Nacional de la Sociedad Española de Neumología y Cirugía Torácica
City of event: Santiago de Compostela, Spain
Date of event: 2019
Organising entity: Sociedad Española de Neumología y Cirugía Torácica
R Guzmán; JM Gimferrer; D Sánchez; M Boada; A Gómez; A Guirao; A Libreros; C Guerrero; L Molins.
- 7** **Title of the work:** Mediastinal evaluation in non-small cell lung cancer with risk factors for occult mediastinal metastases.
Name of the conference: 52º Congreso Nacional de la Sociedad Española de Neumología y Cirugía Torácica
City of event: Santiago de Compostela, Spain
Date of event: 2019
Organising entity: Sociedad Española de Neumología y Cirugía Torácica
CM Lucena; D Sánchez; R Martín; A Libreros; RM Marrades; A Fontana; JR Ruz; L Molins; C Agustí.
- 8** **Title of the work:** Advanced NSCLC: Bronchial Sleeve vs Pneumonectomy: Complications, recurrences and survival
Name of the conference: IASLC 19th World Conference on Lung Cancer
City of event: Toronto, Canada
Date of event: 2018
Organising entity: International Association for the Study of Lung Cancer
M Montesinos; L Molins.
- 9** **Title of the work:** Lung Cancer Screening – Next Step: Trained Dogs can identify malignant pulmonary nodules in exhaled gas
Name of the conference: IASLC 19th World Conference on Lung Cancer
City of event: Toronto, Canada
Date of event: 2018
Organising entity: International Association for the Study of Lung Cancer
A Guirao; L Molins.
- 10** **Title of the work:** Screening and Early Detection: Comparative analysis of health-care resource and economic cost of lung cancer patients treated medically or surgically in Catalunya
Name of the conference: IASLC 19th World Conference on Lung Cancer
Date of event: 2018
Organising entity: International Association for the Study of Lung Cancer
City organizing entity: Toronto, Canada
L Molins.



- 11 Title of the work:** Treatment of Early Stage/Localized Disease: Lower hilar lymph node upstaging in early NSCLC VATS surgery is related to tumor location and does not affect survival
Name of the conference: IASLC 19th World Conference on Lung Cancer
City of event: Toronto, Canada
Date of event: 2018
Organising entity: International Association for the Study of Lung Cancer
M Boada; L Molins.

Other achievements

Stays in public or private R&D centres

- 1 Entity:** Shanghai Pulmonary Hospital
Faculty, institute or centre: Tongji University School of Medicine,
City of entity: Shanghai, China
Start-End date: 24/09/2016 - 29/09/2016 **Duration:** 7 days
Goals of the stay: Guest
- 2 Entity:** UAB Hospital, Birmingham
City of entity: Birmingham, United States of America
Start-End date: 24/06/2012 - 29/06/2016 **Duration:** 7 days
Goals of the stay: Guest
- 3 Entity:** Hospital Marie Lannelongue **Type of entity:** University Department
City of entity: Paris, France
Start-End date: 02/05/2002 - 08/05/2002 **Duration:** 7 days
Goals of the stay: Guest
- 4 Entity:** Università "La Sapienza" **Type of entity:** University Department
City of entity: Torino, Italy
Start-End date: 05/04/2000 - 10/04/2000 **Duration:** 5 days
Goals of the stay: Guest
- 5 Entity:** New Brunswick Hospital, New Jersey **Type of entity:** University Department
Faculty, institute or centre: New Jersey
City of entity: New Jersey, United States of America
Start-End date: 25/05/1999 - 30/05/1999 **Duration:** 6 days
Goals of the stay: Guest
- 6 Entity:** Chicago Medical Center **Type of entity:** University Department
Faculty, institute or centre: University of Chicago
City of entity: Chicago, United States of America
Start-End date: 23/03/1998 - 27/03/1998 **Duration:** 5 days
Goals of the stay: Guest
- 7 Entity:** Mayo Clinic **Type of entity:** University Department
Faculty, institute or centre: Mayo Medical School
City of entity: Rochester, United States of America
Start-End date: 18/03/1998 - 21/03/1998 **Duration:** 4 days

**Goals of the stay:** Guest

- | | | |
|-----------|---|---|
| 8 | Entity: Barnes Hospital, St. Louis
Faculty, institute or centre: University of Missouri
City of entity: St Louis, United States of America
Start-End date: 14/10/1996 - 19/10/1996
Goals of the stay: Guest | Type of entity: University Department

Duration: 6 days |
| 9 | Entity: Massachusetts General Hospital, Boston
Faculty, institute or centre: Harvard Medical School
City of entity: Boston, United States of America
Start-End date: 02/05/1994 - 06/05/1994
Goals of the stay: Guest | Type of entity: University Department

Duration: 6 days |
| 10 | Entity: Massachusetts General Hospital, Boston
Faculty, institute or centre: Harvard Medical School
City of entity: Boston, United States of America
Start-End date: 01/04/1987 - 30/06/1987
Goals of the stay: Guest | Type of entity: University Department

Duration: 3 months |
| 11 | Entity: New England Deaconess Hospital
Faculty, institute or centre: Harvard Medical School
City of entity: Boston, United States of America
Start-End date: 05/01/1987 - 22/06/1987
Goals of the stay: Doctorate | Type of entity: University Department

Duration: 6 months |
| 12 | Entity: Mayo Clinic, Rochester, Minnesota
Faculty, institute or centre: Mayo Medical School
City of entity: Rochester, Minnesota, United States of America
Start-End date: 03/09/1986 - 22/12/1986
Goals of the stay: Doctorate | Type of entity: University Department

Duration: 4 months |
| 13 | Entity: Mayo Clinic, Rochester, Minnesota
Faculty, institute or centre: Mayo Medical School
City of entity: Rochester, Minnesota, United States of America
Start-End date: 06/10/1980 - 22/01/1981
Goals of the stay: 6th year Medical Student | Type of entity: University Department

Duration: 4 months |

Obtained grants and scholarships

- | | | |
|----------|--|--|
| 1 | Name of the grant: BECA SEPAR 2018. Proyecto nr: 440. Evaluación pulmonar Ex vivo de donantes en asistolia no controlada.
Awarding entity: Sociedad Española de Neumología y Cirugía Torácica
Conferral date: 04/2018
End date: 04/2019 | Type of entity: Associations and Groups

Duration: 12 months |
|----------|--|--|



- 2** **Name of the grant:** BECA SEPAR 2018. Proyecto nr: 513: Breathomics: diagnóstico no invasivo de cáncer de pulmón: marcadores tumorales y evaluación de un sistema automático de medición “point of care”
Awarding entity: Sociedad Española de Neumología y Cirugía Torácica
Type of entity: Associations and Groups
Conferral date: 04/2018 **Duration:** 12 months
End date: 04/2019
- 3** **Name of the grant:** Johnson & Johnson Nr Proyecto ESC-15-001. Prospective, Randomized, Controlled, Multi-Center Evaluation of a Powered Vascular Stapler in Video-Assisted Thoracoscopic Lobectomies.
Awarding entity: Johnson & Johnson Medical Limited
Type of entity: Business
Conferral date: 2017 **Duration:** 12 months
End date: 2017
- 4** **Name of the grant:** SEPAR 2014. Proyecto Nr: 028/2014. Factores pronósticos en el tratamiento quirúrgico de metástasis pulmonares de carcinoma colo-rectal.
Awarding entity: Sociedad Española de Neumología y Cirugía Torácica
Type of entity: Associations and Groups
Conferral date: 2015 **Duration:** 12 months
End date: 2016
- 5** **Name of the grant:** Beca SECT 2012. Complicaciones de las resecciones pulmonares por carcinoma broncogénico.
Awarding entity: Sociedad Española de Cirugía Torácica (SECT)
Conferral date: 06/2012 **Duration:** 3 years
End date: 05/2015
- 6** **Name of the grant:** Ethicon Protocol: CME-12001. 19. AMP Thoracic Study. Real World outcomes of Video-Assisted Thoracoscopic Surgery for lung cancer using ECHELON FLEXTM Powered ENDOPATHR Stapler: a prospective European multicenter study
Awarding entity: Ethicon Endo-Surgery (Europe) GMBH
Type of entity: Business
Conferral date: 2013 **Duration:** 23 months
End date: 2015
- 7** **Name of the grant:** Becas SECT 2018. 4. Enfermedad Pulmonar Intersticial Difusa (EPID). Estudio comparativo de la rentabilidad diagnóstica de la biopsia pulmonar quirúrgica versus criobiopsia.
Awarding entity: Sociedad Española de Cirugía Torácica
Conferral date: 2018 **Duration:** 12 months
- 8** **Name of the grant:** Clinical Protocol Trial nr ESC-15-001. 6. A prospective, Randomized, Controlled Multi-Center Evaluation of a Powered Vascular Stapler in Video-Assisted Thoracoscopic Lobectomies”
Awarding entity: ETHICON
Type of entity: Business
Duration: 12 months