

Decreto Rettore Università di Roma “La Sapienza” n 2592/2019 del 28/08/2019

QUIRINO LAI

Curriculum Vitae

Rome

15/10/2019

Part I – General Information

Full Name	Quirino Lai
Citizenship	Italian
Spoken Languages	Italian, English

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	2005	Sapienza University of Rome	MD Medicine and Surgery
Specialty	2011	Sapienza University of Rome	General Surgery
PhD	2015	Sapienza University of Rome	PhD in Experimental and Clinical Hepato-Gastroenterological and Surgical Physiopathology

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
2017	2020	Sapienza University of Rome	RDTA
2017	2023	National Scientific Enabling (ASN)	Enabling for Associate Professor

IIIB – Other Appointments

Start	End	Institution	Position
2011	2012	UCL, Brussels, Belgium	Research Fellow
2011	2011	Queen Mary Hospital, Hong Kong	Visiting Surgeon
2014	2019	YEP-IT by SITO	Councillor
2013	2019	World Journal of Hepatology	Member of the Editorial Board
2017	2019	World Journal of Gastroenterology	Member of the Editorial Board
2017	2019	Laparoscopic Surgery	Member of the Editorial Board
2018	2019	BMC Gastroenterology	Associate Editor
2018	2019	Can J Gastr Hep	Associate Editor
2005	2019	European Liver Transplant Registry	Data manager of Sapienza Rome
2017	2017	European Liver Transplant Registry	Principal Investigator Study on HEHE
2011	2019	Rome Inter-University LT Consortium	Principal Investigator
2012	2019	EurHeCaLT Study Group	Principal Investigator
2017	2019	AISF SIG	Co-investigator

Part IV – Teaching experience

Year	Institution	Lecture/Course
2014-17	L'Aquila University	“Expert in the field” for General, Endoscopic and Transplant Surgery, Degree Course in Medicine and Surgery
2017-19	Sapienza University	Teacher of Clinical Medicine, Residency School of Thoracic Surgery
2018-19	Sapienza University	Teacher of Basis of Emergency in Rehabilitation: General Surgery, Degree Course in Rehabilitation, Pozzilli
2018-19	Sapienza University	Teacher of Basis of Emergency in Rehabilitation: General Surgery, Degree Course in Rehabilitation, Ariccia
2018-19	Sapienza University	Teacher of Clinical Nursery in Surgical Area- Nursery in Surgical Area, Degree Course in Nursing

Part V - Society memberships, Awards and Honors

Year	Title
2009-13	Member of SISQT (Società Italiana per la Sicurezza e la Qualità dei Trapianti)
2010-14	Member of EASL (European Association for the Study of the Liver)
2007-19	Member of SITO (Società Italiana dei Trapianti d’Organo)
2011-19	Member of ESOT (European Society for Organ Transplantation)
2011-19	Member of ELITA (European Liver and Intestine Transplant Association)

2013-19	Member of ILTS (International Liver Transplant Society)
2014-19	Member of Study Group SITO-SIN (Società Italiana di Nefrologia)
2014-19	Member of Study Group SITO-AISF (Associazione Italiana per lo studio del Fegato)
2014-19	Member of YEP-IT (Young Educated Phoenix In Transplantation) by SITO
2016-19	Member of SPIGC (Società Polispecialistica Italiana Giovani)
2017-19	Member of AISF (Associazione Italiana per lo studio del Fegato)
2009	Second place in the videoforum XIII National Congress of Società Italiana di Chirurgia Endoscopica (SICE)
2010	Young Investigator Award EASL Wien 2010
2010	Travel Grant ILTS Hong Kong 2010
2010	Young Investigator Award EASL Monothematic Conference: Alcoholic Liver Disease, Athens 2010
2010	Study bursary data manager of the Sapienza Rome database for the project entitled "Follow up a lungo termine (oltre i 10 anni) del trapianto di fegato in Italia"
2011	Young Investigator Award EASL Monothematic Conference: Liver Transplantation, Lisbon 2011
2012	ESOT Short Stay and Study Grant: 15° edition for the project entitled "role of immunosuppression in the development of recurrence after liver transplantation for hepatocellular carcinoma".
2012	ILTS International Scholar Award 2012 for the project entitled: "change in alpha-fetoprotein after loco-regional therapy as predictor of recurrence after liver transplantation for hepatocellular carcinoma: a multicenter European study".
2012	Young Investigator Grant ILTS San Francisco 2012
2013	Travel Award ILTS Sidney 2013
2014	Young Investigator Award, 11° World Congress of the International Hepato-Pancreato-Biliary Association (IHPBA World Congress), Seoul 2014
2015	Winner of EuroLiver Award, 17° Congress of the ESOT, Brussels 2015
2016	Young Investigator Award ILTS Seoul 2016
2017	Young Investigator Award ILTS Prague 2017
2018	Publons Peer Reviewer Award 2018 for being reached top 1% of reviewers in the field "Clinical Medicine"
2019	Travel Grant Winner, 7° Biennial Congress dell'Asian-Pacific Hepato-Pancreato-Biliary Association (A-PHBPA), Seoul 2019
2019	Presidential Award Grant Winner, 7° Biennial Congress dell'Asian-Pacific Hepato-Pancreato-Biliary Association (A-PHBPA), Seoul 2019

Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
2019	Combination of des-gamma carboxy-prothrombin and alpha-fetoprotein improves the ability to detect hepatocellular cancers with high risk for recurrence in a European setting	Principal Investigator of University Project Sapienza University of Rome (protocol number: RM11816422C3517E)	10000 euro

Part VII – Research Activities

Keywords	Brief Description
HCC	Clinical research based on monocentric and multicentric international experiences: risk factors for HCC recurrence after transplant, transplant benefit, allocation process optimization, use of new technologies in transplantation, expanded criteria donors, use of old donors for transplantation, use of steatotic livers for transplantation
Liver Transplant	
Kidney transplant	
Perfusion machines	
Organ donation	

Oral communications in National Congresses

28-30 /11/ 2007	Trapianto combinato di pancreas-rene: esperienza monocentrica ed analisi prospettica. Società Italiana Trapianti d'Organo (SITO), Modena, 31° Edition 2007.
14-16 /12/ 2008	Trapianto di fegato per epatocarcinoma su fegato sano: esperienza dell'Università La Sapienza di Roma. Società Italiana Trapianti d'Organo (SITO), Sorrento, 32° Edition 2008. <u>TOP-TEN Session.</u>
14-16 /12/ 2008	Uso di donatori non standard e DGF nel trapianto di rene: ricerca dei caratteri predittivi. Società Italiana Trapianti d'Organo (SITO), Sorrento, 32° Edition 2008.
14-16 /12/ 2008	Fattori predittivi di recidiva per epatocarcinoma dopo trapianto di fegato: un'analisi multivariata. Società Italiana Trapianti d'Organo (SITO), Sorrento, 32° Edition 2008.
14-16 /12/ 2008	Impatto della DGF nella sopravvivenza a breve e medio termine del ricevente e del graft dopo trapianto di rene da donatore cadavere non standard. Società Italiana Trapianti d'Organo (SITO), Sorrento, 32° Edition 2008.
14-15 /05/ 2009	Epatectomia destra allargata per epatocarcinoma su fegato sano. Chirurgia dell'Apparato Digerente, Roma, 20° Congress 2009.
14-15 /05/ 2009	Lesione iatrogenica di doppio distretto ureterale post-cistectomia ovarica laparoscopica. Chirurgia dell'Apparato Digerente, Roma, 20° Congress 2009.
28-30 /05/ 2009	Resezione epatica per colangiocarcinoma intraepatico. Scuole di Specializzazione e dei Dottorati di Ricerca in Chirurgia Generale e Specialistica, Termoli, 6° National Congress 2009.
04-06 /06/ 2009	Strategie chirurgiche per l'emangioendotelioma epatico: resezione o trapianto? Società Italiana di Chirurgia Oncologica (SICO), Bari, 32° National Congress.
24-26 /09/ 2009	Epatectomia sinistra con resezione del lobo caudato da metastasi colo-rettale. Società italiana di Chirurgia Endoscopica (SICE), Bari, 13° National Congress 2009.
13-15 /12/ 2009	Fattori post-operatori predittivi di perdita d'organo dopo un anno da trapianto di rene: analisi multivariata. Società Italiana Trapianti d'Organo (SITO), Milano, 33° Edition 2009.
13-15 /12/ 2009	Quanto è sicuro allargare i Criteri di Milano? Società Italiana Trapianti d'Organo (SITO), Milano, 33° Edition 2009.
13-15 /12/ 2009	Analisi prospettica dei fattori predittivi di ripresa funzionale d'organo post-trapianto di fegato da donatore cadavere. Società Italiana Trapianti d'Organo (SITO), Milano, 33° Edition 2009.
7-9 /11/ 2010	Uso di donatori non standard per trapianto di rene: risultati a distanza nel trapianto singolo. Società Italiana Trapianti d'Organo (SITO), Ancona, 34° Edition 2010.
7-9 /11/ 2010	Evoluzione nel trapianto di fegato per epatocarcinoma: venti anni di esperienza monocentrica. Società Italiana Trapianti d'Organo (SITO), Ancona, 34° Edition 2010.
7-9 /11/ 2010	Trattamento con plasmferesi e fotoferesi nel rigetto acuto umorale dopo trapianto di rene da donatore cadavere: esperienza de "La Sapienza" Università di Roma. Società

	Italiana Trapianti d'Organo (SITO), Ancona, 34° Edition 2010.
3-4 /12/ 2010	Role of donor age on long-term survival after liver transplantation: Improving the allocation? Atti della Società Italiana di Chirurgia Geriatrica (SIGC), Lecce, 23° Edition 2010.
27-29 /09/ 2011	Combinazione di a-fetoproteina e diametro tumorale totale come nuovo criterio allargato per la selezione dei pazienti con epatocarcinoma candidati a trapianto di fegato. Società Italiana Trapianti d'Organo (SITO), Roma, 35° Edition 2011.
27-29 /09/ 2011	Andamento delle segnalazioni nei diversi giorni della settimana: analisi nazionale. Società Italiana Trapianti d'Organo (SITO), Roma, 35° Edition 2011.
24-26 /10/ 2013	Aumento dell'alfafetoproteina e progressione radiologica come strumenti di selezione in pazienti affetti da epatocarcinoma in attesa di trapianto di fegato. Società Italiana Trapianti d'Organo (SITO), Bari, 37° Edition 2013. <u>TOP-TEN Session.</u>
24-26 /09/ 2014	Fattori di rischio per la comparsa di anticorpi donatore-specifici "de novo" dopo trapianto di rene. Società Italiana Trapianti d'Organo (SITO), Siena, 38° Edition 2014. <u>TOP-TEN Session.</u>
24-26 /09/ 2015	Il tempo di attesa in lista condiziona la sopravvivenza intention-to-treat nei pazienti con epatocarcinoma in attesa di trapianto di fegato: uno studio multicentrico Europeo. Società Italiana Trapianti d'Organo (SITO), L'Aquila, 39° Edition 2015.
24-26 /09/ 2015	La capacità dei DSA de novo di fissare il C1q predice la funzione del rene dopo trapianto? Società Italiana Trapianti d'Organo (SITO), L'Aquila, 39° Edition 2015.
24-26 /09/ 2015	Proposta di uno score predittivo dello sviluppo di anticorpi donatore-specifici de novo dopo trapianto di rene. Società Italiana Trapianti d'Organo (SITO), L'Aquila, 39° Edition 2015. <u>TOP-TEN Session.</u>
9-11 /03/ 2016	Trapianto di fegato per epatocarcinoma. Società Polispecialistica Italiana Giovani Chirurghi (SPIGC), Roma, 2016.
18-20 /05/ 2016	L'equipe chirurgica: organizzazione, gestione anestesiológica e aspetti chirurgici del prelievo da donatore a cuore battente. Corso regionale TPM Abruzzo-Molise per Coordinatori alla Donazione e al Prelievo di Organi e Tessuti.
21 /09/ 2016	Terapia dell'epatocarcinoma: dove siamo? I mercoledì dei trapianti 2016. Seminari Clinici Multidisciplinari. Azienda Ospedaliera San Camillo Forlanini.
07 /10/ 2016	Follow-up del paziente trapiantato. XXIII National Congress Associazione Italiana di immunogenetica e Biologia dei Trapianti (AIBT), L'Aquila, 2016.
26 /10/ 2016	Il tempo di attesa in lista come strumento di ottimizzazione dell'allocatione nei pazienti con epatocarcinoma: uno studio multicentrico europeo. Società Italiana Trapianti d'Organo (SITO), Roma, 40° Edition 2016.
26 /10/ 2016	Proposta di un nuovo protocollo terapeutico per il trattamento della nefropatia interstiziale da BK virus. Società Italiana Trapianti d'Organo (SITO), Roma, 40° Edition 2016.
27 /10/ 2016	Ruolo della procalcitonina nel trapianto di rene: implicazioni diagnostiche, prognostiche e di economia sanitaria. Società Italiana Trapianti d'Organo (SITO), Roma, 40° Edition 2016.
19 /11/ 2016	Trapianto di rene e sindrome emolitico-uremica atipica. L'importanza della diagnosi nella gestione del paziente. Giornata Vastese delle Malattie Renali, Vasto, 10° Edition 2016.
23 /03/ 2017	Intention-to-treat survival benefit of liver transplantation in patients with hepatocellular cancer. Società Polispecialistica Italiana Giovani Chirurghi (SPIGC), Varese, 2017.
16 /05/ 2017	Donazione di rene da vivente: ipertensione, obesità, diabete, tabagismo, calcolosi. SIN – SITO – SINePe linee guida nel trapianto renale e di pancreas. Spring Meeting SITO, Conferenza di consenso sulla gestione clinica in trapiantologia, Bergamo.

09 /11/ 2017	La combinazione di des-gamma carbossi-protrombina e alfa-fetoproteina aumenta l'abilità di identificare epatocarcinomi a più alto rischio di recidiva anche in ambito Europeo. Società Italiana Trapianti d'Organo (SITO), Cagliari, 41° Edition 2017.
09 /11/ 2017	L'insufficienza renale in fase terminale rappresenta un fattore di rischio per la colecistectomia laparoscopica complessa in pazienti in lista per trapianto renale. Società Italiana Trapianti d'Organo (SITO), Cagliari, 41° Edition 2017.
10 /11/ 2017	Selezione dei pazienti trapiantabili affetti da epatocarcinoma attraverso l'uso dell'intention-to-treat survival benefit of liver transplantation. Società Italiana Trapianti d'Organo (SITO), Cagliari, 41° Edition 2017. <u>TOP-TEN Session and Winner of the Thomas Starzl Prize 2017.</u>
24 /11/ 2017	Survival Benefit nel trapianto di fegato per HCC. Corso di aggiornamento in chirurgia del trapianto di fegato. Dal maestro all'allievo: dove l'esperienza incontra l'intraprendenza. Milano, XIII Edition 2017.
22-23 /02/ 2018	Bridging therapies are not detrimental in patients with hepatocellular cancer waiting for liver transplant: A propensity score analysis. Associazione Italiana Studio del Fegato (AISF), Roma, 51° Edition 2018.
12 /04/ 2018	Trapianto di fegato per cancro – Up to date. DIGESTIVE SURGERY: Future challenges and new technologies, Roma, Edition 2018.
22-23 /05/ 2018	Anatomia sulla Chirurgia del Fegato. Innovazioni Tecnologiche nella Chirurgia Resettiva degli Organi Addominali, Roma, Edition 2018.
04 /10/ 2018	Le metastasi epatiche. Master Universitario di II Livello in Colonproctologia, Anno 2018. Direttore: Prof. D. Mascagni. Sapienza Università di Roma, Roma 2018.
21 /09/ 2018	Downstage of up-to-seven out HCC patients: role of hepatic resection and salvage liver transplant. What is New in Clinical Hepatology in 2018? Università di Tor Vergata, Roma 2018.
09-10 /11/ 2018	Trapianto di fegato: nuovi criteri di allocazione. Hot topics in... hepatology. Campus Aggei, Roma, Edition 2018.
22-24 /11/ 2018	Ruolo del comprehensive complication index come parametro predittivo a lungo termine della sopravvivenza del paziente sottoposto a trapianto di fegato: uno studio multicentrico europeo. Società Italiana Trapianti d'Organo (SITO), Bologna, 42° Edition 2018. <u>TOP-TEN Session.</u>
22-24 /11/ 2018	Lettura magistrale dal titolo: Parametri di selezione e match donor-recipient. Il donatore "oversize". Società Italiana Trapianti d'Organo (SITO), Bologna, 42° Edition 2018.
22-24 /11/ 2018	Proposta di un nuovo criterio utilizzabile in occidente e oriente per selezionare pazienti con epatocarcinoma in attesa di trapianto epatico: uno studio multicentrico internazionale. Società Italiana Trapianti d'Organo (SITO), Bologna, 42° Edition 2018.
18 /01/ 2019	Questioni aperte. Improve Roma 2019, Roma, 2019.
22 /02/ 2019	Epidemiological trends and future therapeutic scenarios of hepatocellular carcinoma in Italy. Symposium "HCC and new systemic therapies". Roma, AISF 52° Edition 2019.
22 /02/ 2019	An intention-to-treat competing-risk model for candidates with hepatocellular cancer awaiting liver transplantation. Roma, AISF 52° Edition 2019.
22 /03/ 2019	Academic perspective for a young surgeon. Genova, SPIGC 30° Edition 2019.
11 /05/ 2019	Sessione V: "Il paziente con epatocarcinoma: non è mai troppo tardi". Epaday: Il trapianto di fegato oggi nell'interazione tra centro trapianti e territorio. Roma.
24 /05/ 2019	Liver regeneration post-ALPPS. VII Edition di Updates on Oncological Abdominal Surgery, Roma.

11 /06/ 2019	Panel: preservazione ipotermica ossigenata, Tecniche di preservazione del fegato nella fase pre-trapianto. Conferenza di consenso sulla gestione clinica in trapiantologia. Spring Meeting SITO, Rimini Edition 2019.
27 /09/ 2019	Round Table: The role of Tumor Boards in the management of HCC: Sequential or complementary use of ablative, surgical and systemic therapies. What is New in Clinical Hepatology in 2019? Università di Tor Vergata, Roma 2019.

Oral communications in International Congresses

17 /06/ 2010	16° Congress of International Liver Transplant Society (ILTS), 2010, Hong Kong. Comunicazione orale intitolata: α -Fetoprotein and Total Tumor Diameter: a New Expanded Preoperative Selection Criteria for Liver Transplantation in Patients With Hepatocellular Carcinoma and Cirrhosis.
4 /09/ 2011	15° Congress of European Society for Organ Transplantation (ESOT), 2011, Glasgow. Comunicazione orale intitolata: Optimization of long-term graft survival after liver transplantation: the role of donor age.
5 /09/ 2011	15° Congress of European Society for Organ Transplantation (ESOT), 2011, Glasgow. Comunicazione orale intitolata: Increased α -Fetoprotein after bridge therapies as predictor of recurrence in patients with hepatocellular carcinoma treated with liver transplantation.
5 /09/ 2011	15° Congress of European Society for Organ Transplantation (ESOT), 2011, Glasgow. Comunicazione orale intitolata: Role of α -Fetoprotein as predictor of recurrence in patients with hepatocellular carcinoma after liver transplantation.
18 /05/ 2012	18° Congress of International Liver Transplant Society (ILTS), 2012, San Francisco. Comunicazione orale intitolata: HCC recurrence after liver transplantation in Asia and Europe: different biology or different management?
17 /07/ 2012	24° Congresso Internazionale di The Transplantation Society (TTS), 2012, Berlino. Comunicazione orale intitolata: Cavoportal hemitransposition in liver transplant recipients with complete and diffuse splanchnic venous thrombosis.
18 /07/ 2012	24° International Congress di The Transplantation Society (TTS), 2012, Berlino. Comunicazione orale intitolata: A survival improvement in patients with recurrent hepatocellular carcinoma (HCC) after liver transplantation (LT): the role of multimodality therapy.
18 /07/ 2012	24° International Congress di The Transplantation Society (TTS), 2012, Berlino. Comunicazione orale intitolata: Change in alpha-fetoprotein after loco-regional therapy as predictor of recurrence after liver transplantation for hepatocellular carcinoma: a European Study.
13 /06/ 2013	19° Congress of International Liver Transplant Society (ILTS), 2013, Sydney. Comunicazione orale intitolata: Alpha-foetoprotein increase and radiological progression as more refined clinical tools for a justified selection of HCC liver recipients.
9 /09/ 2013	16° Congress of European Society of Organ Transplantation (ESOT), 2013, Vienna. Comunicazione orale intitolata: Tumor downstaging and the risk of HCC recurrence after liver transplantation.
11 /07/ 2015	21° Congress of International Liver Transplant Society (ILTS), 2015, Chicago. Invited presentation intitolata: Non-surgical options for HCC in the transplant candidate.
14 /09/ 2015	17° Congress of European Society of Organ Transplantation (ESOT), 2015, Bruxelles. Comunicazione orale intitolata: Waiting time impacts on intention-to-treat survival in patients with hepatocellular cancer waiting for liver transplantation: a multicenter European study group.

15 /09/ 2015	17° Congress of European Society of Organ Transplantation (ESOT), 2015, Bruxelles. Comunicazione orale intitolata: A score combining alpha-fetoprotein and inflammatory markers better predicts drop-out and recurrence in patients with hepatocellular cancer waiting for liver transplantation.
7 /05/ 2016	22° Congress of International Liver Transplant Society (ILTS), 2016, Seoul. Comunicazione orale intitolata: Hepatic epithelioid haemangio-endothelioma and adult liver transplantation: extra-hepatic disease is not a contraindication to liver transplantation. Report of the European Liver Transplant Registry including 149 patients. <u>Plenary Session.</u>
18 /09/ 2016	Corso ESOT ETFW2016 (European Transplant Fellows Workshop): It's all about communication. Presentazione in qualità di educatore dal titolo: Let me tell you a story: the award catcher.
15 /10/ 2016	International Liver Transplantation Symposium entitled: Forty years in transplantation «What did and what didn't we reach». Invited presentation dal titolo: Vascular tumors and transplantation: a particular story.
26 /04/ 2017	IX International Congress of Società Italo-Cubana, 2017, L'Avana. Comunicazione orale in qualità di relatore intitolata: Il trapianto di fegato per epatocarcinoma.
26 /09/ 2017	18° Congress of European Society of Organ Transplantation (ESOT), 2017, Barcellona. Comunicazione orale intitolata: Intention-to-treat survival benefit selects patients with hepatocellular cancer waiting for liver transplantation.
26 /09/ 2017	18° Congress of European Society of Organ Transplantation (ESOT), 2017, Barcellona. Comunicazione orale intitolata: Treatment of post-liver transplant acute rejection and hepatocellular cancer recurrence: an untold story.
26 /09/ 2017	18° Congress of European Society of Organ Transplantation (ESOT), 2017, Barcellona. Comunicazione orale intitolata: The combination of des-gamma carboxy-prothrombin and alpha-fetoprotein improves the ability to predict recurrence of hepatocellular cancer after liver transplantation in a European setting.
26 /10/ 2017	2° Congress of International Congress "HPB Surgery: Udine meets the experts". Comunicazione orale intitolata: Vascular tumors: a particular story.
03 /05/ 2018	X International Congress of Società Italo-Cubana, 2018, L'Avana. Comunicazione orale in qualità di relatore intitolata: Nuovi protocolli immunosoppressivi nei trapianti: dall'AB0 incompatibile alla tolleranza.
04 /07/ 2018	27° Congress of The Transplant Society (TTS), 2018, Madrid. Comunicazione orale intitolata: Bridging therapies are not detrimental in patients with hepatocellular cancer waiting for liver transplant: A propensity score analysis.
04 /07/ 2018	27° Congress of The Transplant Society (TTS), 2018, Madrid. Comunicazione orale intitolata: A worldwide usable selection criterion for patients with hepatocellular cancer waiting for liver transplantation: an intention-to-treat analysis.
30 /04/ 2019	Ruolo del "match" del donatore ricevente nell'utilizzo degli organi marginali. XI International Congress, Società Italo-Cubana di Chirurgia, L'Avana.
15 /05/ 2019	25° Congress of International Liver Transplant Society (ILTS), 2019, Toronto. Comunicazione orale intitolata: The intention-to-treat effect of bridging therapies in the setting of Milan-in patients waiting for liver transplantation. <u>Vanguard Moderated Poster Discussion.</u>
17 /05/ 2019	25° Congress of International Liver Transplant Society (ILTS), 2019, Toronto. Comunicazione orale intitolata: An intention-to-treat competing-risk model for candidates with hepatocellular cancer waiting for liver transplantation.
7 /09/ 2019	7° Biennial Congress of Asian-Pacific Hepato-Pancreato-Biliary Association (A-PHBPA), 2019, Seoul. Comunicazione orale intitolata: An intention-to-treat

	competing-risk model for candidates with hepatocellular cancer awaiting liver transplantation. <u>Plenary Session.</u>
17 /09/ 2019	19° Congress of European Society of Organ Transplantation (ESOT), 2019, Copenhagen. Comunicazione orale intitolata: An intention-to-treat competing-risk model for candidates with hepatocellular cancer waiting for liver transplantation. <u>Focus Group on “Cancer and liver transplantation”.</u>
17 /09/ 2019	19° Congress of European Society of Organ Transplantation (ESOT), 2019, Copenhagen. Comunicazione orale intitolata: Sarco-model, a novel score to better predict the risk of death in cirrhotic patients awaiting liver transplantation.

Participation in National and International Research Projects with publications in journals with "Impact factor" >1

<p>European Liver Transplant Registry (ELTR) of the European Liver and Intestinal Transplant Association (ELITA) (www.eltr.org, karam@eltr.org).</p> <p>Publication: Lai Q, Feys E, Karam V, Adam R, Klempnauer J, Oliverius M, Mazzaferro V, Pascher A, Remiszewski P, Isoniemi H, Pirenne J, Foss A, Ericzon BG, Markovic S, Lerut JP; European Liver Intestine Transplant Association (ELITA). Hepatic Epithelioid Hemangioendothelioma and Adult Liver Transplantation: Proposal for a Prognostic Score Based on the Analysis of the ELTR-ELITA Registry. <i>Transplantation</i>. 2017 Mar;101(3):555-564.</p>
<p>Rome Inter-University Liver Transplant Consortium (Sapienza University of Rome, Tor Vergata University, Catholic University of the Sacred Heart).</p> <p>Publications: Lai Q, Avolio AW, Manzia TM, Agnes S, Tisone G, Berloco PB, Rossi M. Role of alpha-fetoprotein in selection of patients with hepatocellular carcinoma waiting for liver transplantation: must we reconsider it? <i>Int J Biol Markers</i>. 2011 Jul-Sep;26(3):153-9.</p> <p>Lai Q, Avolio AW, Manzia TM, Sorge R, Agnes S, Tisone G, Berloco PB, Rossi M. Combination of biological and morphological parameters for the selection of patients with hepatocellular carcinoma waiting for liver transplantation. <i>Clin Transplant</i>. 2012 Mar-Apr;26(2):E125-31.</p> <p>Lai Q, Avolio AW, Lerut J, Singh G, Chan SC, Berloco PB, Tisone G, Agnes S, Chok KS, Sharr W, Rossi M, Manzia TM, Lo CM. Recurrence of hepatocellular cancer after liver transplantation: the role of primary resection and salvage transplantation in East and West. <i>J Hepatol</i>. 2012 Nov;57(5):974-9.</p>
<p>EurHeCaLT (European Hepatocellular Cancer Liver Transplantation): Brussels, Innsbruck, Mainz, Ancona, Rome Sapienza, Rome Tor Vergata, Rome Catholic, Rome POIT, London Royal Free, Padua.</p> <p>Publications: Lai Q, Avolio AW, Graziadei I, Otto G, Rossi M, Tisone G, Goffette P, Vogel W, Pitton MB, Lerut J. Alpha-fetoprotein and modified response evaluation criteria in solid tumors progression after locoregional therapy as predictors of hepatocellular cancer recurrence and death after transplantation. <i>Liver Transpl</i>. 2013 Oct;19(10):1108-18.</p> <p>Lai Q, Avolio AW, Graziadei I, Lerut J. Response to locoregional treatment and alpha-fetoprotein trend in liver transplant candidates for HCC: dwarfs standing on the shoulders of giants. <i>J Hepatol</i>. 2014 Jun;60(6):1331-2.</p> <p>Lai Q, Lerut J. Waiting time and transplantation for hepatocellular cancer: a balance between Tempus Fugit and Carpe Diem. <i>Hepatology</i>. 2015 Apr;61(4):1438-9.</p>

Lai Q, Lerut J. Impact of multiple transarterial chemoembolization treatments on hepatocellular carcinoma for patients awaiting liver transplantation. *Liver Transpl.* 2016 Jan;22(1):136-7.

Lai Q, Vitale A, Iesari S, Finkenstedt A, Mennini G, Spoletini G, Hoppe-Lotichius M, Vennarecci G, Manzia TM, Nicolini D, Avolio AW, Frigo AC, Graziadei I, Rossi M, Tsochatzis E, Otto G, Ettorre GM, Tisone G, Vivarelli M, Agnes S, Cillo U, Lerut J. Intention-to-treat survival benefit of liver transplantation in patients with hepatocellular cancer. *Hepatology.* 2017 Dec;66(6):1910-1919.

Lai Q, Vitale A, Rossi M, Cillo U, Lerut J. Which Is the True Role of Bridging Therapies for HCC Patients Waiting for Liver Transplantation? *Ann Surg.* 2018 Dec;268(6):e56-e57.

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Special Interest Group on Hepatocellular carcinoma and new anti-HCV therapies” of the Italian Association for the Study of the Liver.

Publications: Galati G, Muley M, Viganò M, Iavarone M, Vitale A, Dell'Unto C, **Lai Q**, Cabibbo G, Sacco R, Villa E, Trevisani F. Occurrence of hepatocellular carcinoma after direct-acting antiviral therapy for hepatitis C virus infection: literature review and risk analysis. *Expert Opin Drug Saf.* 2019 Jul;18(7):603-610.

Guarino M, Viganò L, Ponziani FR, Giannini EG, **Lai Q**, Morisco F. Recurrence of hepatocellular carcinoma after direct acting antiviral treatment for hepatitis C virus infection: Literature review and risk analysis. *Dig Liver Dis.* 2018 Nov;50(11):1105-1114.

Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [indexed]	140	Scopus	2006	2019
Papers [not indexed]	108	Google Scholar	2005	2019
Books	13	Google Scholar	2006	2019

Total Impact factor	380.818
Total Citations	1077
Average Citations per Product	7.693
Hirsch (H) index	17
Normalized H index*	1.214

*H index divided by the academic seniority.

Part IX– Selected Publications

List of the publications selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any).

Title	Authors	Reference data	IF	Cit	Press
Delta-slope of alpha-fetoprotein improves the ability of selecting liver transplant patients with hepatocellular cancer	Lai Q , Inostroza M, Rico Juri JM, Goffette P, Lerut J	HPB, 17:1085-1095 (2015)	2.918	11	
Proposal for an algorithm for liver transplantation in Caroli's disease and syndrome: putting an uncommon effort into a common task	Lai Q , Lerut J	Clinical Transplantation, 30:3-9 (2016)	1.844	4	
The use of robotic surgery in abdominal organs transplantation: a literature review	Levi Sandri GB, De Werra E, Mascianà G, Guerra F, Spoletini G, Lai Q	Clinical Transplantation 31:e12856 (2017)	1.865	6	
A novel prognostic index in patients with hepatocellular cancer waiting for liver transplantation: Time–Radiological–response–Alpha-fetoprotein–INflammation (TRAIN) score	Lai Q , Nicolini D, Inostroza Nunez M, Iesari S, Goffette P, Agostini A, Giovagnoni A, Vivarelli M, Lerut J	Ann Surg 264:787-796 (2016)	8.569	32	
Hepatic epithelioid hemangioma and adult liver transplantation: Proposal for a prognostic score based on the analysis of the ELTR-ELITA registry	Lai Q , Feys E, Karam V, Adam R, Klempnauer J, Oliverius M, Mazzaferro V, Pascher A, Remiszewski P, Isoniemi H, Pirenne J, Foss A, Ericzon BG, Markovic S, Lerut J	Transplantation 101:555-564 (2017)	3.678	6	
Use of elderly donors in liver transplantation: a paired-match analysis at a single center	Ghinolfi D, Lai Q , Pezzati D, De Simone P, RReka E, Filipponi F	Ann Surg 268:325-331 (2018)	9.203	18	
Intention-to-treat survival benefit of liver transplantation in patients with hepatocellular cancer	Lai Q , Vitale A, Iesari S, Finkenstedt A, Mennini G, Spoletini G, Hoppe-Lotichius M, Vennarecci G, Manzia TM, Nicolini D, Avolio AW, Frigo AC, Graziadei I, Rossi M, Tsochatzis E, Otto G, Ettore GM, Tisone G, Vivarelli M, Agnes S, Cillo U, Lerut J	Hepatology 66:1910-1919 (2017)	13.246	29	
Utility of Tumor Burden Score to Stratify Prognosis of Patients with Hepatocellular Cancer: Results of 4,759 cases from ITA.LI.CA Study Group	Vitale A, Lai Q* , Farinati F, Bucci L, Giannini EG, Napoli L, Ciccarese F, Rapaccini GL, Di Marco M, Caturelli E, Zoli M, Borzio F, Sacco R, Cabibbo G, Virdone R, Marra F, Felder M, Morisco F, Benvegnù L, Gasbarrini A, Svegliati-Baroni G, Foschi FG, Missale G, Masotto A, Nardone G, Colecchia A, Bernardi M, Trevisani F, Pawlik TM	Journal of Gastrointestinal Surgery 22:859-871 (2018)	2.813	2	
Impact of remnant vital tissue after locoregional treatment and liver transplant in hepatocellular cancer patients, a multi-centre cohort study	Manzia TM, Lai Q* , Iesari S, Perera MTPR, Komuta M, Carvalheiro A, Shah T, Angelico R, Quaranta C, Nicolini D, Montalti R, Scarpelli M, Palmieri G, Orlacchio A, Vivarelli M, Angelico M, Lerut J, Tisone G	Transpl Int 31:988-998 (2018)	3.196	6	
Platelet-to-lymphocyte ratio in the setting of liver transplantation for hepatocellular cancer: A systematic review and meta-analysis	Lai Q , Melandro F, Larghi Laureiro Z, Giovanardi F, Ginanni Corradini S, Ferri F, Hassan R, Rossi M, Mennini G.	World Journal of Gastroenterology 24:1658-1665 (2018)	3.300	3	
Collaterals management during pancreatoduodenectomy in patients with celiac axis stenosis: A systematic review of the literature	Giovanardi F, Lai Q , Garofalo M, Arroyo Murillo GA, Choppin De Janvry E, Hassan R, Larghi Laureiro Z, Consolo A, Melandro F, Berloco PB	Pancreatology 18:592-600 (2018)	2.763	0	

Donor-to-recipient gender match in liver transplantation: A systematic review and meta-analysis	Lai Q , Giovanardi F, Melandro F, Larghi Laureiro Z, Merli M, Lattanzi B, Hassan R, Rossi M, Mennini G.	World Journal of Gastroenterology 24:2203-2210 (2018)	3.300	0	
The intention-to-treat effect of bridging treatments in the setting of Milan Criteria-IN patients waiting for liver transplantation	Lai Q , Vitale A, Iesari S, Finkenstedt A, Mennini G, Onali S, Hoppe-Lotichius M, Manzia TM, Nicolini D, Avolio AW, Mrzljak A, Kocman B, Agnes S, Vivarelli M, Tisone G, Otto G, Tsochatzis E, Rossi M, Viveiros A, Ciccarelli O, Cillo U, Lerut J	Liver Transplantation 25:1023-1033 (2019)	4.159	0	
Minimally invasive approach in the setting of ALPPS procedure: A systematic review of the literature	Melandro F, Giovanardi F, Hassan R, Larghi Laureiro Z, Ferri F, Rossi M, Mennini G, Pawlik TM, Lai Q	J Gastroint Surg 23:1917-1924 (2019)	2.686	0	

Part X– Publications

Articles indexed on WWW.PUBMED.COM

01	Novelli G, Rossi M, Poli L, Pretagostini R, Iappelli M, Morabito V, Lai Q , Novelli L, Mennini G, Ginanni Corradini S and Berloco PB. Intractable Pruritus in Patients With Hepatitis C Virus. Transplantation Proceedings, 38, 1089–1091 (2006).
02	Rossi M, Mennini G, Lai Q , Ginanni Corradini S, Drudi FM, Pugliese F and Berloco PB. Liver transplant. Journal of Ultrasound, 20, 1-18 (2007).
03	Rossi M, Merli M, Lai Q , Gentili F, Mennini G, Bussotti A, Pugliese F, Della Pietra F, Poli L, Novelli G, Giusto M, Ginanni Corradini S, Onetti Muda A, Di Tondo U, Attili AF and Berloco PB. Outcome after liver transplantation in patients with cirrhosis and hepatocellular carcinoma. Transplantation Proceedings, 39, 1895–1897 (2007).
04	Rossi M, Lai Q , Spoletini G, Poli L, Nudo F, Ferretti S, Della Pietra F, Pugliese F, Ferretti G, Novelli G, Pretagostini R, and Berloco PB. Simultaneous Pancreas-Kidney Transplantation: A Single-Center Experience and Prospective Analysis. Transplantation Proceedings, 40, 2024–2026 (2008).
05	Rossi M, Spoletini G, Bussotti A, Lai Q , Travaglia D, Ferretti S, Poli L, Ginanni Corradini S, Merli M, Novelli G, Mennini G, Pugliese F, and Berloco PB. Combined Liver-Kidney Transplantation in Polycystic Disease: Case Reports. Transplantation Proceedings, 40, 2075–2076 (2008).
06	Pretagostini R, Cinti P, Lai Q , Poli L and Berloco PB. Minimization of immunosuppressive therapy and immunological monitoring of kidney transplant recipients with long-term allograft survival. Transplant Immunology, 20, 3–5 (2008).
07	Lai Q , Pretagostini R, Poli L, Melandro F, Ferretti S, Della Pietra F, Rossi M, and Berloco PB. Delayed Graft Function Decreases Early and Intermediate Graft Outcomes After Expanded Criteria Donor Kidney Transplants. Transplantation Proceedings, 41, 1145–1148 (2009).
08	Pretagostini R, Lai Q , Poli L, Levi Sandri GB, Travaglia D, Rossi M, and Berloco PB. Predictive Characteristics of Delayed Graft Function After Expanded and Standard Criteria Donor Kidney Transplantations. Transplantation Proceedings, 41, 1149–1151 (2009).
09	Lai Q , Merli M, Ginanni Corradini S, Mennini G, Gentili F, Molinaro A, Morabito V, Ferretti G, Pugliese F, Novelli G, Berloco PB, and Rossi M. Predictive Factors of Recurrence of Hepatocellular Carcinoma After Liver Transplantation: A Multivariate Analysis. Transplantation Proceedings, 41, 1306–1309 (2009).
10	Cinti P, Pretagostini R, Lai Q , Tamburo ML, Rossi M, Poli L, Berloco PB. Alloantibodies and outcomes of deceased donor kidney allografts. Human Immunology, 70, 651–654 (2009).
11	Novelli G, Rossi M, Ferretti G, Pugliese F, Ruberto F, Lai Q , Novelli S, Piemonte V, Turchetti

	L, Morabito V, Annesini MC, Berloco PB. Predictive criteria for the outcome of patients with acute liver failure treated with the albumin dialysis molecular adsorbent recirculating system. <i>Ther Apher Dial</i> , 13, 404–412 (2009).
12	Lai Q , Pretagostini R, Poli L, Levi Sandri GB, Melandro F, Grieco M, Spoletini G, Rossi M, and Berloco PB. Early urine output predicts graft survival after kidney transplantation. <i>Transplantation Proceedings</i> , 42, 1090–1092 (2010).
13	Novelli G, Rossi M, Ferretti G, Pugliese F, Travaglia D, Guidi S, Novelli S, Lai Q , Morabito V, and Berloco PB. Predictive parameters after Molecular Adsorbent Recirculating System treatment integrated with Model for End Stage Liver Disease model in patients with acute-on-chronic liver failure. <i>Transplantation Proceedings</i> , 42, 1182–1187 (2010).
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18	Meçule A, Tinti F, Poli L, Bachetoni A, Umbro I, Nofroni I, Lai Q , Pretagostini R, Berloco PB and Mitterhofer AP. Tacrolimus trough levels and level-to-dose ratio in stable renal transplant patients converted to a once-daily regimen. <i>Transplantation Proceedings</i> , 43, 1024–1027 (2011).
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20	Lai Q , Pretagostini R, Gozzer M, Cinti P, Meo D, Vita F, Shafii Bafti M, Poli L, Novelli G, Rossi M, Girelli G, and Berloco PB. Multimodal therapy with combined plasmapheresis, photoapheresis and intravenous immunoglobulin for acute antibody-mediated renal transplant rejection: a 2-year follow-up. <i>Transplantation Proceedings</i> , 43, 1039–1041 (2011).
21	Novelli G, Morabito V, Pugliese F, Ferretti G, Novelli S, Ianni S, Lai Q , Rossi M and Berloco PB. Management of sepsis during MARS treatment in acute on chronic liver failure. <i>Transplantation Proceedings</i> , 43, 1085–1090 (2011).
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27	Lai Q , Melandro F, Levi Sandri GB, Mennini G, Ginanni Corradini S, Merli M, Berloco PB, Rossi M. Use of Elderly Donors for Liver Transplantation: Has the Limit Been Reached? <i>J Gastrointestin Liver Dis</i> , 20, 383–387 (2011).
28	Lai Q , Avolio AW, Manzia TM, Sorge R, Agnes S, Tisone G, Berloco PB, Rossi M. Combination of biological and morphological parameters for the selection of patients with hepatocellular carcinoma waiting for liver transplantation. <i>Clin Transplant</i> , 26 (2), E125–31 (2012).
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30	Lai Q , Darius T, Lerut J. The one hundred most frequently cited articles in the field of clinical liver transplantation. <i>Transpl Int</i> , 25 (6):e76–77 (2012).
31	Lai Q , Pretagostini R, Gozzer M, Cinti P, Meo D, Vita F, Shafii Bafti M, Poli L, Novelli G, Rossi M, Girelli G and Berloco PB. Multimodal treatment for acute antibody-mediated renal transplant rejection: successful rescue therapy with combined plasmapheresis, photoapheresis and intravenous immunoglobulin. <i>G Ital Nefrol</i> , 29 (S54), S31–35. (2012).
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35	Lai Q , Melandro F, Pinheiro RS, Donfrancesco A, Fadel BA, Levi Sandri GB, Rossi M, Berloco P, Frattaroli FM. Alpha-fetoprotein and novel tumor biomarkers as predictors of hepatocellular carcinoma recurrence after surgery: a brilliant star raises again. <i>Int J Hepat</i> ,

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42	Levi Sandri GB, Lai Q , Morabito V, Garofalo M, Guglielmo N, Melandro F, Di Laudo M, Montalto G, Lucatelli P, Berloco PB. Later diagnosed with a neuroendocrine tumor, case report of a 60-year-old. <i>Clin Ter</i> , 163(5): e325–326 (2012).
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44	Levi Sandri GB, Lai Q , Nudo F, Rossi M. Inferior vena cava interruption in a liver transplantation deceased donor. <i>Liver Int</i> , 33(4):647 (2013).
45	Lai Q , Ferretti S, Rossi M, Berloco PB. Liver transplantation using a severely lacerated graft treated by arterial embolization. <i>Exp Clin Transplant</i> , 11(4):364-366 (2013).
46	Lattanzi B, Lai Q , Guglielmo N, Giannelli V, Merli M, Giusto M, Melandro F, Ginanni Corradini S, Mennini G, Berloco PB, Rossi M. Graft macrosteatosis and time of t-tube removal as risk factors for biliary strictures after liver transplantation. <i>Clin Transpl</i> , 27(3):E332-338 (2013).
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