

**INFORMAZIONI PERSONALI** **Caterina Di Bella**
**POSIZIONE RICOPERTA** Medico Specialista in Chirurgia Generale

**ESPERIENZA PROFESSIONALE**

Dal 01/07/2020 ad oggi

Ricercatore Universitario a tempo determinato (RTDA) presso U.O.C. Chirurgia dei Trapianti di rene e pancreas, Università degli studi di Padova, Padova (Italia)

01/10/2019–30/06/2020

Assegno di ricerca presso U.O.C. Chirurgia dei Trapianti di rene e pancreas, Azienda Universitaria di Padova, Padova (Italia)

**ISTRUZIONE E FORMAZIONE**

 01/10/2006–12/07/2012 **Laurea magistrale in Medicina e Chirurgia**  
 Università degli studi di Siena, Siena (Italia)

 08/08/2013–08/08/2019 **Laurea specialistica in Chirurgia Generale**  
 Università degli studi di Padova, Padova (Italia)

 01/03/2017–28/02/2018 **Transplant Research Fellow**  
 University of Illinois, Chicago (USA)

**COMPETENZE PERSONALI**
**Lingua madre** italiano

**Lingue straniere**

	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
inglese	B2	B2	B2	B2	B2

 Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato  
 Quadro Comune Europeo di Riferimento delle Lingue

**Competenze professionali**

- Experience in clinical management of kidney and pancreas allograft recipients, in clinical and basic immunology, ABO incompatible living donor kidney transplantation and living donor transplantation in immunized patients
- 120 kidney transplantation procedures both from deceased and living donors and 9 pancreas-kidney combined transplants, involved as 2<sup>nd</sup> operator. 3 kidney transplantation procedures as 1<sup>st</sup> operator under supervision
- 30 laparoscopic living donor nephrectomies as 2<sup>nd</sup> operator
- Organ procurements as 1<sup>st</sup> and 2<sup>nd</sup> operator (30 procedures of kidney procurements as 1<sup>st</sup> operator) under supervision
- 10 Kidney Back-table surgeries as 1<sup>st</sup> operator under supervision
- Experience in Kidney Paired Donation - Thesis of Specialization on DEC-K program, entitled "Prima esperienza di Kidney Paired Donation innescata con reni da donatore deceduto".
- Clinical research on retrospective and prospective data, related to robot-assisted kidney transplantation, robot-assisted donor nephrectomy, robot-assisted pancreas transplantation, pancreas transplantation from pediatric donors, obesity and transplantation, small bowel

## Curriculum vitae

transplantation

- Hands-on research on new cutting-edge techniques used in transplantation, with special focus on minimally-invasive robot-assisted procedures
- Observer in robotic transplant surgery
- Training in laparoscopic - robotic lab with DaVinci Skills simulator and participation to dry-lab sessions
- Presentation of research projects in International Congresses.
- Award winner of ESOT Educational Scholarship 2019

## Memberships

- European Society for Organ Transplantation (E.S.O.T) and Young Professionals in Transplantation (Y.P.T.)
- Italian Society for Organ Transplantation "Società Italiana Trapianti d'Organo" (S.I.T.O.)
- American Society of Transplant Surgeons (A.S.T.S.)
- CRSA - Clinical Robotic Surgeon Association

## Conferences & Courses

- Dentro il trapianto - Report sui trapianti di rene dal management alla gestione farmacologica dell'immunosoppressione (March 18th and March 31st, 2021)
- Webinar "Contest Nazionale SITO su casi clinici in trapianto di rene, trapianto di fegato e trapianto di organi toracici" (March 24th, 2021)
- Webinar Update on desensitization and Kidney Paired Exchange Programs: Italian Chapter (December 16th, 2020)
- CTDAY 2020 - Fully Virtual - Patient Management and Empowerment in the post Covid-19 world. (November 20th, 2020)
- ESOT Transplantation Learning Journey 2.0 (November 15th -17th, 2020)
- Spring Meeting SITO 2020 - Trapianti in Italia durante la pandemia di COVID-19 (July 22nd, 2020)
- Trapianto renale: tra presente e futuro (February 6th, 2020), Verona, Italy
- Sharing Center's Experience Expert Meeting on Immunosuppression in Kidney Transplantation (December 13rd, 2019), Bologna, Italy
- 43rd National Congress of Italian Society for Organ Transplantation (November 21st-23rd, 2019), Rome, Italy
- LIDO course – Live Donor Nephrectomy (June 26<sup>th</sup>-28<sup>th</sup>, 2019), Erasmus MC Rotterdam, The Netherlands
- Workshop "Il trapianto di rene da vivente in Italia: stato dell'arte e prospettive future" (June 20<sup>th</sup>, 2019), Rome, Italy
- XVI San Raffaele Transplant Meeting - Diabetes and Transplantation (May 10<sup>th</sup>, 2019), Milan, Italy
- Il candidato al trapianto di rene: decisioni e dubbi da condividere insieme (May 13<sup>th</sup>, 2019), Padua, Italy
- ATLS Course (January 24<sup>th</sup>-26<sup>th</sup>, 2019), Padua, Italy
- 4<sup>th</sup> Pediatric Kidney Transplantation Symposium (December 3<sup>rd</sup>-4<sup>th</sup>, 2018), London, UK
- 42<sup>nd</sup> National Congress of Italian Society for Organ Transplantation (November 22<sup>th</sup>-24<sup>th</sup>, 2018), Bologna, Italy
- XV Seminario nazionale delle Scuole di Specializzazione e dei Dottorati di Ricerca in Chirurgia Generale (October 27<sup>th</sup>, 2018), Florence, Italy
- Workshop on Visceral Trauma, Definitive Surgical Trauma Care (September 17<sup>th</sup>-18<sup>th</sup>, 2018), Graz, Austria
- 9<sup>th</sup> International Living Donor Abdominal Organ Transplantation Conference (August 30<sup>th</sup> - September 1<sup>st</sup>, 2018), Matera, Italy
- American Transplant Congress 2018, (June 2 - 6<sup>th</sup>, 2018), Seattle, WA
- XV San Raffaele Transplant Meeting - Diabetes and Transplantation (May 11<sup>th</sup>, 2018), Milan, Italy
- 18<sup>th</sup> ASTS Winter Symposium, (January 11<sup>th</sup> - 14<sup>th</sup> 2018), Miami, USA
- 9<sup>th</sup> Worldwide Congress CRSA - Clinical Robotic Surgeon Association, (September 22<sup>nd</sup>- 23<sup>d</sup> 2017), Chicago, USA

## Curriculum vitae

Di Bella Caterina

- Advanced Minimally Invasive Liver Surgery Workshop, (May 12<sup>th</sup> 2017), Chicago, USA
- American Transplant Congress 2017, (April 29<sup>th</sup> - May 3<sup>rd</sup> 2017), Chicago, USA
- La parola ai giovani – Year in therapy 2016 Aferesi Terapeutica (November 25<sup>th</sup>, 2016), Padua, Italy
- Laparoscopic General Surgery Intensive Course (November 14<sup>th</sup>-18<sup>th</sup>, 2016), IRCAD-Strasbourg, France
- 40<sup>th</sup> National Congress of Italian Society for Organ Transplantation, (October 26<sup>th</sup>-28<sup>th</sup>, 2016), Rome, Italy
- 8<sup>th</sup> International Living Donor Abdominal Organ Transplantation Conference (September 9<sup>th</sup>, 2016), Trieste, Italy
- ESS 2016: Annual Conference of European Society of Surgery (June 9<sup>th</sup>-11<sup>th</sup>, 2016), Naples, Italy
- Trapianto di rene da donatore vivente: challenging cases, (December 11<sup>th</sup>, 2015), Padua, Italy
- 39<sup>th</sup> National Congress of Italian Society for Organ Transplantation, (September 24<sup>th</sup>-26<sup>th</sup>, 2015), Aquila, Italy
- XII Seminario nazionale delle Scuole di Specializzazione e dei Dottorati di Ricerca in Chirurgia Generale e Specialistica (May 21<sup>th</sup>-23<sup>th</sup>, 2015), Sabaudia, Italy
- The Hesperis Course (ESOT), 2015 edition, (May 13<sup>th</sup>-16<sup>th</sup>, 2015), Rome, Italy
- 38<sup>th</sup> National Congress of Italian Society for Organ Transplantation, (September 24<sup>th</sup>-26<sup>th</sup>, 2014), Siena, Italy
- XI Seminario nazionale delle Scuole di Specializzazione e dei Dottorati di Ricerca in Chirurgia Generale e Specialistica (May 29<sup>th</sup>-31<sup>th</sup>, 2014), Sestri Levante, Italy
- Prima riunione tecnico scientifica dei chirurghi dei centri trapianto di reneitaliani (October 4<sup>th</sup>-5<sup>th</sup>, 2013), Vietri sul Mare, Italy

## Publications

1. Carron M, Andreatta G, Pesenti E, De Cassai A, Feltracco P, Linassi F, Sergi M, Di Bella C, Di Bello M, Neri F, Silvestre C, Furian L, Navalesi P. Impact on grafted kidney function of rocuronium-sugammadex vs cisatracurium-neostigmine strategy for neuromuscular block management. An Italian single-center, 2014-2017 retrospective cohort case-control study. *Perioper Med (Lond)*. 2022 Jan 13;11(1):3. doi: 10.1186/s13741-021-00231-2. PMID: 35022076
2. Neri F, Eccher A, Rigotti P, Girolami I, Zaza G, Gambaro G, Mastrosimini M, Bencini G, Di Bella C, Mescoli C, Boschiero L, Marletta S, Tos PAD, Furian L. Advantages of Using a Web-based Digital Platform for Kidney Preimplantation Biopsies. *J Pathol Inform*. 2021;12:41. doi: 10.4103/jpi.jpi\_23\_21. eCollection 2021. PubMed PMID: 34881096; PubMed Central PMCID: PMC8609286.
3. Ortolan S, Neunhaeuserer D, Battista F, Patti A, Gobbo S, Di Bella C, Quinto G, Vecchiato M, Frigo AC, Bergamin M, Furian L, Ermolao A. Physical Fitness as a Prognostic Marker for Infectious Events in Kidney Transplant Recipients. *Am J Nephrol*. 2021 Dec 22;1-9. doi: 10.1159/000520758. Online ahead of print. PMID: 34937022.
4. Patti A, Neunhaeuserer D, Ortolan S, Roman F, Gasperetti A, Battista F, Di Bella C, Gobbo S, Bergamin M, Furian L, Ermolao A. A clinical evaluation of VO<sub>2</sub> kinetics in kidney transplant recipients. *Eur J Appl Physiol*. 2021 Jul;121(7):2005-2013. doi: 10.1007/s00421-021-04672-x. Epub 2021 Apr 3. PMID:33811560
5. Furian L, Nicolò A, **Di Bella C**, Cardillo M, Cozzi E, Rigotti P. Kidney exchange strategies: New aspects and applications with a focus on deceased-donor-initiated chains. *Transpl Int*. 2020 Aug 9; doi: 10.1111/tri.13712. Review.
6. Spaggiari M, Garcia-Roca R, Tulla KA, Okoye OT, **Di Bella C**, Oberholzer J, Jeon H, Tzvetanov IG, Benedetti E. Robotic Assisted Living Donor Nephrectomies: a safe alternative to laparoscopic technique for kidney transplant donation. *Ann Surg*. 2020 Jul 9; doi: 10.1097/SLA.0000000000004247.
7. Tzvetanov IG, Spaggiari M, Tulla KA, **Di Bella C**, Okoye O, Di Cocco P, Jeon H, Oberholzer J, Cristoforo Giulianotti P, Benedetti E. Robotic kidney transplantation in the obese patient: 10-year experience from a single center. *Am J Transplant*. 2020 Feb; 20(2):430-440. doi: 10.1111/ajt.15626. Epub 2019 Dec 24.
8. Zanutto T, Gobbo S, Bullo V, Vendramin B, Roma E, Duregon F, Bocalini DS, Di Blasio A, Cugusi L, Furian L, **Di Bella C**, Neunhaeuserer D, Battista F, Bergamin M, Ermolao A. Postural balance, muscle strength, and history of falls in end-stage renal disease patients living with a kidney transplant: A cross-sectional study. *Gait Posture*. 2019 Dec 28;76:358-363. doi: 10.1016/j.gaitpost.2019.12.031.
9. Petrara MR, Serraino D, **Di Bella C**, Neri F, Del Bianco P, Brutti M, Carmona F, Ballin G, Zanini S,

## Curriculum vitae

Di Bella Caterina

- Rigotti P, Furian L, De Rossi A. Immune activation, immune senescence and levels of Epstein Barr Virus in kidney transplant patients: Impact of mTOR inhibitors. *Cancer Lett.* 2019 Nov 3. pii: S0304-3835(19)30548-8. doi: 10.1016/j.canlet.2019.10.045.
10. Neri F, **Di Bella C**, Leone S, Bencini G, Silvestre C, Tuci F, Rigotti P, Furian L. Lower Urinary Tract Symptoms in Kidney Transplant Recipients and Timing of Treatment With TURP: Impact on Renal Graft Survival and Function. *Transplant Proc.* 2019 Nov;51(9):2921-2926. doi: 10.1016/j.transproceed.2019.02.072. Epub 2019 Oct 15.
  11. Spaggiari M, Tulla K, Okoye O, **Di Bella C**, Di Cocco P, Almario J, Ugwu-Dike P, Tzvetanov I, Benedetti E. The Utility of Robotic Assisted Pancreas Transplants. *Transplant International.* 10.1111/tri.13477.
  12. Spaggiari M, Mashbari H, **Di Bella C**, Benedetti E, Tzvetanov I. Portojejunosomy in Split Liver Transplantation as a Rescue Technique for Challenging Biliary Reconstruction: A Case Report. *Transplant Proc.* 2019 Mar;51(2):575-578. doi: 10.1016/j.transproceed.2018.12.017. Epub 2018 Dec 30. PubMed PMID: 30879593.
  13. Spaggiari M, Lendacki FR, **Di Bella C**, Giulianotti PC, Benedetti E, Oberholzer J, Tzvetanov I. Minimally-Invasive, Robot-Assisted Procedure for Kidney Transplantation Among Morbidly Obese: Positive Outcomes at Five Years Post-Transplant. *Clin Transplant.* 2018 Sep 14:e13404. doi:10.1111/ctr.13404.
  14. Gheza F, **Di Bella C**, Tulla K, Spaggiari M, Tzvetanov I, Benedetti E. Small bowel transplantation in identical twins - a video vignette. *Colorectal Dis.* 2018 Jul 24. doi: 10.1111/codi.14346. [Epub ahead of print] PubMed PMID: 30039551.
  15. Spaggiari M, Tzvetanov IG, **Di Bella C**, Oberholzer J. Robotic Pancreas Transplantation. *Gastroenterol Clin North Am.* 2018 Jun;47(2):443-448. doi: 10.1016/j.gtc.2018.01.010. Epub 2018 Apr 4. Review. PubMed PMID: 29735034.
  16. Spaggiari M, **Di Bella C**, Di Cocco P, Campara M, Galen K, Gheza F, Oberholzer J, Benedetti E, Tzvetanov I. Pancreas Transplantation from pediatric donors: a single center experience. *Transplantation.* 2018 Apr 3. doi: 10.1097/TP.0000000000002208. [Epub ahead of print] PubMed PMID: 29620617.
  17. Spaggiari M, **Di Bella C**, Di Cocco P, Furno S, Benedetti E, Tzvetanov I. Emergency Kidney Transplantation in Recipients With Iliocaval Thrombosis Using Splenic Vessel Anastomosis After Splenectomy: A Case Series. *Transplant Proc.* 2018 Jan - Feb;50(1):99-103. doi: 10.1016/j.transproceed.2017.12.009. PubMed PMID: 29407339.
  18. Ravaioli M, Capocasale E, Furian L, De Pace V, Iaria M, Spagnoletti G, Salerno MP, Giacomoni A, De Carlis L, **Di Bella C**, Rostand NM, Boschiero L, Pasquale G, Bosio A, Collini A, Carmellini M, Airoldi A, Bondonno G, Ditunno P, Impedovo SV, Beretta C, Giussani A, Soggi C, Parolini DC, Abelli M, Ticozzelli E, Baccarani U, Adani GL, Caputo F, Buscemi B, Frongia M, Solinas A, Gruttadauria S, Spada M, Pinna AD, Romagnoli J. Are there any relations among transplant centre volume, surgical technique and anatomy for donor graft selection? Ten-year multicentric Italian experience on mini-invasive living donor nephrectomy. *Nephrol Dial Transplant.* 2017 Dec 1;32(12):2126-2131. doi: 10.1093/ndt/gfx285. PubMed PMID: 29077866.
  19. Rigotti P, Capovilla G, **Di Bella C**, Silvestre C, Donato P, Baldan N, Furian L. A single-center experience with 200 dual kidney transplantations. *Clin Transplant.* 2014 Dec;28(12):1433-40. doi: 10.1111/ctr.12475. Epub 2014 Nov 4. PubMed PMID: 25297945.
  20. Senescende L, Scipioni F, **Di Bella C**, Savelli V, Carli AF. Duodenal tumors. Four case reports. *Ann Ital Chir.* 2014 Jul-Aug;85(4):323-7. PubMed PMID: 25262760.
  21. Verre L, Rossi R, Gaggelli I, **Di Bella C**, Tirone A, Piccolomini A. PPH versus THD: a comparison of two techniques for III and IV degree haemorrhoids. Personal experience. *Minerva Chir.* 2013 Dec;68(6):543-50. PubMed PMID: 24193286.
  22. Tirone A, Cesaretti M, Vuolo G, Gaggelli I, Guarnieri A, Piccolomini A, Verre L, Savelli V, Varrone F, D'Onofrio P, **Di Bella C**, Carli AF. The treatment of breast cancer in one day surgery. A four year experience. *Ann Ital Chir.* 2013 Mar-Apr;84(2):149-52. PubMed PMID: 23698193.

## Competenze digitali

### AUTOVALUTAZIONE

Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
Utente avanzato	Utente autonomo	Utente autonomo	Utente base	Utente base

## Curriculum vitae

Competenze digitali - Scheda per l'autovalutazione

Di Bella Caterina