CURRICULUM VITAE

I. DATI PERSONALI

Nome e Cognome: Luca Antonelli

Lingue parlate:
-Italiano (C2)
-Inglese (C1)
-Spagnolo (C1)
-Francese (C1)
-Tedesco (B2)

II. FORMAZIONE ACCADEMICA:

-Laurea in Medicina e Chirurgia: Università di Verona, Italia (2012-2018) (110/110 e lode)
-Tirocinio presso il Dipartimento di Emergenza dell'Ospedale Universitario di Muscat, Oman (agosto 2013)
-Programma Erasmus a Magonza, Germania (settembre 2016 – settembre 2017)
-Tirocinio presso il Dipartimento di Urologia dell'Universitätsklinikum Mainz, Germania (ottobre 2016 – dicembre 2016)
-Tirocinio presso il Dipartimento di Ortopedia del St. Joseph Hospital, Wiesbaden, Germania (marzo 2017)
-Tirocinio presso il Dipartimento di Otorinolaringoiatria del Mount Sinai Hospital, New York (dicembre 2017 – gennaio 2018)
-Scuola di Specializzazione in Urologia presso l'Università di Roma La Sapienza (novembre 2019 – novembre 2024)
-Research Fellowship presso il Luzerner Kantonsspital, Svizzera (gennaio 2022 – dicembre 2022)
-Membro del gruppo YAU Penile and Testis cancer (dal 2022)
-Clinical Fellowship presso l'Hôpital Européen Georges-Pompidou, Parigi, Francia (maggio 2023 – ottobre 2023)
-Clinical Fellowship presso l'Hôpital Saint-Louis, Parigi, Francia (novembre 2023 – maggio 2024)
-Dottorato di ricerca in Tecnologie avanzate in chirurgia, Università La Sapienza, Roma, Italia (novembre 2025 – novembre 2028)

III. ESPERIENZE LAVORATIVE:

-Urologo presso Internation Hospital Clinica Villa Pia, Roma, Italia
-A partire dall'01/11/2026 Dirigente Medico in Urologia presso l'ASST Santi Paolo e Carlo, Milano, Italia

IV. PUBBLICAZIONI:

-Risk Factors for Relapse in Nonseminomatous Testicular Cancer After Postchemotherapy Retroperitoneal Lymph Node Dissection With Viable Residual Cancer
Luca Antonelli, Davide Ardizzone, Isamu Tachibana, Nabil Adra, Clint Cary, Lee Hugar, Wade J Sexton, Aditya Bagrodia, Michal Mego, Siamak Daneshmand, Nicola Nicolai, Sebastiano Nazzani, Patrizia Giannatempo, Andrea Franza, Axel Heidenreich, Pia Paffenholz, Ragheed Saoud, Scott Eggener, Matthew Ho, Nathaniel Oswald, Kathleen Olson, Alexey Tryakin, Mikhail Fedyanin, Natacha Naoun, Christophe Javaud, Walter Cazzaniga, David Nicol, Axel Gerdtsson, Torgrim Tandstad, Karim Fizazi, Christian Daniel Fankhauser, in collaboration with the EAU-YAU Penile and Testis Cancer Working Group

-Risk of residual cancer after complete response following first-line chemotherapy in men with metastatic non-seminomatous germ cell tumor and IGCCCG intermediate/ poor prognosis: a multi-institutional retrospective cohort study
Luca Antonelli, Davide Ardizzone, Praful Ravi, Aditya Bagrodia, Michal Mego, Siamak Daneshmand, Nicola Nicolai, Sebastiano Nazzani, Patrizia Giannatempo, Andrea Franza, Axel Heidenreich, Pia Paffenholz, Ragheed Saoud, Scott Eggener, Matthew Ho, Nathaniel Oswald, Kathleen Olson, Alexey Tryakin, Mikhail Fedyanin, Natacha Naoun, Christophe Javaud, Karim Fizazi, Jennifer M. King, Nabil Adra, Antoin Douglawi, Clint Cary, Christopher Sweeney, Christian Daniel Fankhauser

-Association Between Antibiotic Prophylaxis Before Cystectomy or Stent Removal and Infection Complications: A Systematic Review
Luca Antonelli, Kirby Sebro, Abdelilah Lahmar, Peter C. Black, Saum Ghodoussipour, Jill M. Hamilton-Reeves, Jay Shah h, Jensen Bente Thoft, Seth Paul Lerner, Carlos Llorente, Ilaria Lucca, Mark A. Preston, Sarah P. Psutka, John P. Sfakianos, Susanne Vahr Lauridsen, Stephen B. Williams, James Catto, Hooman Djaladat, Wassim Kassouf, Katherine Loftus, Siamak Daneshmand, Christian D. Fankhauser, on behalf of the Enhanced Recovery After Surgery ERAS Cystectomy Committee

-Thromboprophylaxis for neoadjuvant chemotherapy in bladder cancer lower thromboembolism and bleeding
Luca Antonelli, Pedro David Wendel-Garcia, Manja Deforth, Luca Afferi, Costantino Leonardo, Francesco Esperto, Marco Borghesi, Alessandro Antonelli, Karl Tully, Paolo Umari, Simone Albisinni, Andrea Mari, Renate Pichler, Francesco Claps, Jeremy Yuen-Chun Teoh, Mathieu Roumiguié, Gerald Bastian Schulz, Luca Orecchia, Francesco Soria, Morgan Roupret, Gautier Marcq, Cedric Poyet, Majed Alrumayyan, Michael Rink, Stefania Zamboni, Maria Riaza Montes, Steven Okoye, Riccardo Campi, Wojciech Krajewski, Laura Mertens, Meftun Culpan, Luke T. Lavallée, Marco Moschini, Ulrike Held, Christian Daniel Fankhauser
In collaboration with the EAU YAU urothelial carcinoma working group

-Primary retroperitoneal lymph node dissection in clinical stage 2a/b non-seminomatous germ cell tumour
Luca Antonelli, Axel Heidenreich, Aditya Bagrodia, Armon Amini, Fady Baky, Nicolas Branger, Walter Cazzaniga, Timothy N. Clinton, Siamak Daneshmand, Hooman Djaladat, Scott Eggener, Alireza Ghoreifi, Robert J. Hamilton, Matthew Ho, Wade J. Sexton, Sebastiano Nazzani, David Nicol, Nicola Nicolai, Kathleen Olson, Pia Paffenholz, James Porter, Zhiyu Qian, Nicholas R. Rocco, Anirudh Yerrapragada, Sean P. Stroup, Isamu Tachibana, Angelika Terbuch, Nirmish Singla, Clint Cary, Christian D. Fankhauser, In collaboration with the EAU-YAU Penile and Testis Cancer Working Group

- Anterior sphincter sparing suturing of the vesicourethral anastomosis during robotic-assisted laparoscopic radical prostatectomy
Luca Antonelli, Luca Afferi, Agostino Mattei, Christian Daniel Fankhauser

-Bilateral robotic nephrectomy using a supine robotic approach without repositioning through 8-18 mm incisions in a young female with focal and segmental glomerulosclerosis: a video case report
Luca Antonelli, Adrian Duss, Leutrim Zahiti, Agostino Mattei, Christian Daniel Fankhauser

-Prevalence and Prognostic Significance of Preoperative Anemia in Radical Cystectomy Patients: A Multicenter Retrospective Observational Study
Ernest Kaufmann, Luca Antonelli, Luca Afferi, Vincenzo Asero, Francesco Prata, Silvia Rebuffo, Alessandro Veccia, Meftun Culpan, Karl Tully, Luis Ribeiro, Thierry Roumeguere, Kees Hendricksen, Luca Lambertini, Renate Pichler, Nicola Pavan, Jeremy Yuen-Chun Teoh, Mathieu Roumiguié, Gerald Bastian Schulz, Francesco Soria, Aamer AlGhamlas, Christian Daniel Fankhauser

-Oncological Follow-up Strategies for Testicular Germ Cell Tumours: A Narrative Review
Ernest Kaufmann, Luca Antonelli, Peter Albers, Clint Cary, Silke Gillessen Sommer, Axel Heidenreich, Christoph Oing, Jan Oldenburg, Phillip Martin Pierorazio, Andrew J. Stephenson, Christian Daniel Fankhauser

-Risk of local recurrence in men with penile intraepithelial neoplasia (PeIN) in the surgical margin after penile sparing surgery
Esther W.C. Lee, Luca Antonelli, Allaudin Issa, James Churchill, Pedro Oliveira, Maurice Lau, Vijay Sangar, Arie Parnham, Christian D. Fankhauser

-Diagnostic Performance of Contrast-Enhanced Ultrasound in the Evaluation of Small Renal Masses: A Systematic Review and Meta-Analysis
Antonio Tufano, Luca Antonelli, Giovanni Battista Di Pierro, Rocco Simone Flammia, Rocco Minelli, Umberto Anceschi, Costantino Leonardo, Giorgio Franco, Francesco Maria Drudi, Vito Cantisani

-Treatment Outcomes for Men with Clinical Stage II Nonseminomatous Germ Cell Tumours Treated with Primary Retroperitoneal Lymph Node Dissection: A Systematic Review
Anne Neuenschwander, Chiara Lonati, Luca Antonelli, Alexandros Papachristofilou, Richard Cathomas, Christian Rothermundt, Arnoud J. Templeton, Aziz Gulamhusein, Stefanie Fischer, Silke Gillessen, Thomas Hermanns, Anja Lorch, Agostino Mattei, Christian D. Fankhauser

-The value of contrast-enhanced ultrasound (CEUS) in differentiating testicular masses: a systematic review and meta-analysis
Antonio Tufano, Rocco Simone Flammia, Luca Antonelli, Rocco Minelli, Giorgio Franco, Costantino Leonardo, Vito Cantisani

-Diagnostic Performance of Magnetic Resonance Imaging for Preoperative Local Staging of Penile Cancer: A Systematic Review and Meta-Analysis
Rocco Simone Flammia, Antonio Tufano, Luca Antonelli, Arianna Bernardotto, Alberto A. Castro Bigalli, Zhen Tian, Marc C. Smaldone, Pierre I. Karakiewicz, Valeria Panebianco, Costantino Leonardo

-Lymphovascular and perineural invasion are risk factors for inguinal lymph node metastases in men with T1G2 penile cancer
Christian D. Fankhauser, Hielke M. de Vries, Eduard Roussel, Jakob Kristian Jakobsen, Allaudin Issa, Esther W. C. Lee, Nicolo Schifano, Hussain Alnajjar, Fabio Castiglione, Luca Antonelli, Pedro Oliveira, Maurice Lau, Arie Parnham, Maarten Albersen, Nicholas A. Watkin, Asif Muneer, Ben E. Ayres, Oscar R. Brouwer, Vijay Sangar

-The optimal number of induction chemotherapy cycles in clinically lymph node-positive bladder cancer

Markus von Deimling, Laura S. Mertens, Marc Furrer, Roger Li, Guus Ten Dijck, Jacob Taylor, Felice Crocetto, Moritz Maas, Andrea Mari, Renate Pichler, Marco Moschini, Karl H. Tully, David D'Andrea, Ekaterina Laukhtina, Francesco Del Giudice, Gautier Marcq, Maud Velev, Andrea Gallioli, Simone Albisinni, Keiichiro Mori, Abhinav Khanna, Michael Rink, Margit Fisch, Andrea Minervini, Peter C. Black, Yair Lotan, Philippe E. Spiess, Bernhard Kiss, Shahrokh F. Shariat, Benjamin Pradere, CLIPOLY study group (Luca Afferi, Alessandro Antonelli, Luca Antonelli, Mara Bacchiani, Alberto Bianchi, Ronan Flippot, Mattia Longoni, Elisabeth Maier, Nicolas Penel, Julien Sarkis, Francesco Soria, Solomon Woldu)

-ICG marked robot-assisted partial nephrectomy for totally endophytic renal masses

Vincenzo Asero, Roberta Catuzzi, Ivan Di Giulio, Luca Antonelli, Veronica Palombi, Flavia Proietti, Costantino Leonardo

-Prevalence of reported penicillin allergy and associations with perioperative complications, length of stay and cost in patients undergoing elective cancer surgery

Nico Christian Grossmann, Yves Kersting, Andres Affentranger, Luca Antonelli, Fabian Aschwanden, Philipp Baumeister, Gerhard Müllner, Marco Rossi, Agostino Mattei, Christian Daniel Fankhauser

-The Value of Fournier's Gangrene Scoring Systems on Admission to Predict Mortality: A Systematic Review and Meta-Analysis

Antonio Tufano, Piervito Dipinto, Francesco Passaro, Umberto Anceschi, Giorgio Franco, Rocco Simone Flammia, Flavia Proietti, Luca Antonelli, Giovanni Battista Di Pierro, Francesco Prata, Roberta Rullo, Sisto Perdonà, Costantino Leonardo

-"Single Knot–Single Running Suture" Vesicourethral Anastomosis with Posterior Musculofascial Reconstruction during Robot-Assisted Radical Prostatectomy: A Step-by-Step Guide of Surgical Technique

Rocco Simone Flammia, Eugenio Bologna, Antonio Tufano, Leslie Claire Licari, Luca Antonelli, Flavia Proietti, Federico Alviani, Michele Gallucci, Giuseppe Simone, Costantino Leonardo

-Impact of the extent of lymph node dissection on survival outcomes in clinically lymph node-positive bladder cancer

Markus von Deimling, Marc Furrer , Laura S. Mertens , Andrea Mari , Noor van Ginkel, Mara Bacchiani, Moritz Maas, Renate Pichler , Roger Li , Marco Moschini , Alberto Bianchi, Malte W. Vetterlein, Chiara Lonati, Felice Crocetto, Jacob Taylor, Karl H. Tully , Luca Afferi , Francesco Soria , Francesco del Giudice , Mattia Longoni, Ekaterina Laukhtina , Alessandro Antonelli , Michael Rink, Margit Fisch, Yair Lotan , Philippe E. Spiess, Peter C. Black, Bernhard Kiss, Benjamin Pradere, Shahrokh F. Shariat and CLIPOLY Study Group Collaborators (Luca Antonelli)

-The optimal number of induction chemotherapy cycles in clinically lymph node-positive bladder cancer

Markus von Deimling, Laura S. Mertens, Marc Furrer, Roger Li, Guus A.H. Tendijck, Jacob Taylor, Felice Crocetto, Moritz Maas, Andrea Mari, Renate Pichler, Marco Moschini, Karl H. Tully, David D'Andrea, Ekaterina Laukhtina, Francesco Del Giudice, Gautier Marcq, Maud Velev, Andrea Gallioli, Simone Albisinni, Keiichiro Mori, Abhinav Khanna, Michael Rink, Margit Fisch, Andrea Minervini, Peter C. Black, Yair Lotan, Philippe E. Spiess, Bernhard Kiss, Shahrokh F. Shariat, Benjamin Pradere and CLIPOLY Study Group Collaborators (Luca Antonelli)

-Enhanced Recovery After Surgery for patients undergoing Radical Cystectomy: surgeons' perspectives and recommendations ten years after its implementation

Simone Albisinni, Luca Orecchia, Georges Mjaess, Fouad Aoun, Francesco Del Giudice, Luca Antonelli, Marco Moschini, Francesco Soria, Laura S. Mertens, Andrea Gallioli, Gauthier Marcq, Bernard Bochner, Alberto

Breda, Alberto Briganti, James Catto, Karel Decaestecker, Paolo Gontero, Ashish Kamat, Edward Lambert, Andrea Minervini, Alexandre Mottrie, Morgan Roupret, Shahrokh Shariat, Carl Wijburg, Malte Rieken, Peter Wiklund, Andrea Mari, on behalf of the EAU-YAU Urothelial Carcinoma working group and ERUS society

-Limited Incremental Diagnostic Value of Perilesional and Systematic Biopsies in PI-RADS 4–5 Lesions: A Retrospective Single-Center Study
Emiliano Scarrone, Vittorio Canale, Luca Antonelli, Jordi Stira, Carmen Gravina, Giovanni Zarrelli, Alessandro Sciarra

V. PRESENTAZIONI CONGRESSUALI:

Relatore all'ERUS 2022:

- Bilateral robotic assisted nerve sparing retroperitoneal lymph node dissection in a patient with non-seminomatous germ cell tumour residual after first-line chemotherapy: A video case report

- Bilateral robotic nephrectomy using a supine robotic approach without repositioning through 8-18mm incisions in a young female with focal and segmental glomerulosclerosis: A video case report

- Sphincter sparing vesicourethral anastomosis suture

Relatore alla SGU (Società Svizzera di Urologia) 2022 con le seguenti presentazioni:

- Risk of local recurrence in men with penile intraepithelial neoplasia (PeIN) in the surgical margin after penile sparing surgery

- Risk of residual teratoma after complete response following first-line chemotherapy in men with metastatic non-seminomatous germ cell tumor and IGCCCG intermediate/poor prognosis: a multi-institutional retrospective cohort study

- Infectious complications following radical cystectomy and peri-/post- operative antimicrobial management: a systematic review

- Bilateral robotic assisted nerve sparing retroperitoneal lymph node dissection in a patient with non-seminomatous germ cell tumour residual after first-line chemotherapy: a video case report

- Sphincter sparing vesicourethral anastomosis during robotic assisted radical prostatectomy (RARP)

- Incidence of thromboembolism and bleeding before radical cystectomy

Relatore all'EAU 2023 con la seguente presentazione:

- Sphincter sparing vesicourethral anastomosis during robotic assisted radical prostatectomy (RARP)

Relatore all'AUA 2023 con le seguenti presentazioni:

- Risk of local recurrence in men with penile intraepithelial neoplasia (PeIN) in the surgical margin after penile sparing surgery

- Risk of residual teratoma after complete response following first-line chemotherapy in men with metastatic non-seminomatous germ cell tumor and IGCCCG intermediate/poor prognosis: a multi-institutional retrospective cohort study

- Bilateral robotic nephrectomy using a supine robotic approach without repositioning through 8-18mm incisions in a young female with focal and segmental glomerulosclerosis: a video case report

Presentazioni poster all'ASCO 2024:

- Outcomes after primary retroperitoneal lymph node dissection in men with stage 2 non-seminomatous germ cell tumour, a multicenter retrospective cohort study

- Role of thromboprophylaxis during neoadjuvant chemotherapy before radical cystectomy in patients with bladder cancer, results of a multicenter retrospective cohort study

Presentazioni poster all'EMUC 2023:

- Role of thromboprophylaxis during neoadjuvant chemotherapy before radical cystectomy in patients with bladder cancer, results of a multicenter retrospective cohort study

Relatore all'EAU 2024 con le seguenti presentazioni:

- Outcomes after primary retroperitoneal lymph node dissection in men with clinical stage 2a/b non-seminomatous germ cell tumour, a multicenter retrospective cohort study

- Risk factors for relapse in non-seminomatous testicular cancer after post-chemotherapy retroperitoneal lymph node dissection with viable residual cancer

- Thromboprophylaxis during neoadjuvant chemotherapy before radical cystectomy is associated with a lower risk of venous thromboembolism and bleeding, results of a multicenter retrospective cohort study

- Stage-specific Recurrence Rates Post-Radical Cystectomy: A Path to Personalized Oncological Follow-up

Relatore all'EAU 2025 con la seguente presentazione:

- Association Between Treatment Timing and Oncological Outcomes in Muscle-Invasive Bladder Cancer Patients Receiving Neoadjuvant Chemotherapy and Radical Cystectomy

VI. PREMI E RICONOSCIMENTI:

- Premio per il miglior poster all'EMUC 2022, con possibilità di presentarlo come abstract orale nella sessione dedicata al tumore del testicolo: "Rischio di teratoma residuo dopo risposta completa alla chemioterapia di prima linea negli uomini con tumore metastatico a cellule germinali non seminomatoso e prognosi IGCCCG intermedia/sfavorevole: studio retrospettivo multicentrico di coorte"
- Video accettato per presentazione orale al 19° congresso della Sezione EAU di Urologia Robotica (ERUS22): "Nefrectomia robotica bilaterale con approccio supino, senza riposizionamento, mediante incisioni di 8-18 mm in una giovane donna con glomerulosclerosi focale e segmentaria: video case report"
- Premio "Best Poster" all'ASCO 2024: "Risultati dopo linfadenectomia retroperitoneale primaria negli uomini con tumore a cellule germinali non seminomatoso in stadio 2: studio retrospettivo multicentrico di coorte"
- Premio dell'Associazione Svizzera di Urologia per il miglior articolo pubblicato in Svizzera nel 2023: "Fattori di rischio di recidiva nel tumore testicolare non seminomatoso dopo linfadenectomia retroperitoneale post-chemioterapia con residuo tumorale vitale"