

Allegato B

MASSIMILIANO BASSI
Curriculum Vitae

Roma
01/04/2025

Part I – General Information

Full Name	Massimiliano Bassi
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Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	2015	Sapienza University of Rome	Degree in Medicine and Surgery 110/110 with honors
Specialty	2021	Sapienza University of Rome	Specialization in Thoracic Surgery 70/70 with honor

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
2025	Today	ASN 2023-25	Abilitazione scientifica nazionale professore II fascia SETTORE CONCORSUALE 06/E1 (CHIRURGIA CARDIO-TORACO-VASCOLARE)
2021	Today	Sapienza University of Rome	PHD student in “Fisiopatologia ed Imaging Cardio-Toraco-Vascolare
Oct 2024	Apr 2025	Tonji University of Shanghai, China	International fellowship at Shanghai Pulmonary Hospital
2016	2021	Sapienza University of Rome	Resident in Thoracic Surgery c/o UOC Chirurgia Toracica Avanzata e Trapianti di Polmone
Jun 2019	Jul 2019	New York University, NYC, USA	International Observership at Langone Health Hospital

IIIB – Other Appointments

Start.	End	Institution	Position
2023	Today	Azienda Ospedaliera Policlinico UMBERTO I, UOC Chirurgia Toracica	Staff Surgeon
2021	2023	ASL ROMA 6	Medical Doctor c/o D.E.A. “Ospedale dei Castelli”

Part IV – Teaching experience

Year	Institution	Lecture/Course
2021- today	Sapienza University of Rome	Tutor for Practical Activities in “Corso di Laurea Magistrale Medicine and Surgery “F”, APPLIED PATHOLOGY 1, APPLIED PATHOLOGY 2,
2021- today	Sapienza University of Rome	Co-supervisors in Final Degree Thesis in Medicine and Surgery Course A, B, C, D
2011-14	Sapienza University of Rome	Tutor for Practical Activities in Medicine and Surgery C.L.M. “A”, Human Anatomy course
2010-11	Sapienza University of Rome	Tutor for Practical Activities in Medicine and Surgery C.L.M. “A”, Histology course

Part V - Society memberships, Awards and Honors

Year	Title
2016 - today	Member of the “European Society of Thoracic Surgeons”
2018 - today	Member of the “Società Italiana di Chirurgia Toracica”
2022 - today	Member of the “Società Italiana di Endoscopia Toracica”
2018 - today	Member of the “Società Polispecialistica Italiana dei Giovani Chirurghi”
2022 - today	Editorial Member of “Cancer Control” (Sage Journals ISSN: 10732748) as Review Editor
2023 - today	Editorial Member of “Frontiers in Surgery” (ISSN: 2296-875X) as Review Editor, Thoracic Surgery section

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

Year	Title	Program	Grant value
2020	Utilizzo del machine - learning nel predire la presenza di Spread Through Air Spaces STAS nell'adenocarcinoma polmonare	Bando di Ateneo Sapienza University of Rome Protocol number : AR220172B24B 47FA P.I. Massimiliano Bassi	
2022	Tecniche e algoritmi di radiomica e machine-learning nella predizione di STAS nell'adenocarcinoma polmonare: ottimizzazione dei modelli sulla pratica clinica quotidiana	Bando di Ateneo Sapienza University of Rome Protocol number : AR12218166F18 630 P.I. Massimiliano Bassi	
2023	Utilizzo della fluorescenza al verde indiocianina per la prevenzione di complicanze dell'anastomosi esofago-gastrica in pazienti sottoposti ad esofagectomia	Bando di Ateneo Sapienza University of Rome Protocol number : AAR223188B01 375F4 P.I. Massimiliano Bassi	

2024	Lobectomy vs segmentectomy nel carcinoma del polmone: il ruolo della captazione alla 18-FDG PET e della diffusione tumorale attraverso la via aerea (STAS)	Bando di Ateneo Sapienza University of Rome Protocol number : AR2241907830 C5A7 P.I. Massimiliano Bassi	
2023	The role of circulating free DNA and circulating tumor DNA in the diagnosis of early stage lung cancer and prediction of spread through air space.	Bando di Ateneo Sapienza University of Rome Protocol number : RM123188F7A1 5EAF P.I. Jacopo Vannucci	
2021	Valutazione dell'espressione dei fattori prognostici molecolari in pazienti affetti da carcinoma neuroendocrino a grandi cellule del polmone (L-LCNEC). Analisi retrospettiva e prospettica.	Bando di Ateneo Sapienza University of Rome Protocol number : RM12117A8A2 D1C0D P.I. Camilla Poggi	
2017	Prognostic value of the epithelial to mesenchymal transition factors in the pleural cavity lavage and BAL of lung cancer patients and correlation with circulating - free DNA.	Bando di Ateneo Sapienza University of Rome Protocol number : RG11715C7BEF 4C16 P.I. Federico Venuta	

Part VII – Research Activities

Lung Cancer	Dr. Massimiliano Bassi Research Activities include all aspects of Thoracic Surgery with particular focus on Lung Cancer, Lung Transplantation, Esophageal surgery, Minimally Invasive Techniques and use of Radiomics and AI in thoracic surgery. He is actually carrying out a PhD in cardio-thoraco-vascular imaging at Sapienza University, including a 6 month International Fellowship at Tonji University affiliated Shanghai Pulmonary Hospital (Supervisor Prof. Liang Duan, Shanghai, China) and participating as staff surgeon at the thoracic oncology, VATS and Lung Transplantation program of the Thoracic Surgery Department in Policlinico Umberto I Hospital in Rome (Director Prof. Federico Venuta). Since 2016 he is member of the European Society of Thoracic Surgeons and the Italian Society of Thoracic Surgery and since 2018 of the Italian Polispecialistic Society of Young Surgeons. He is author and co-author of more than 40 articles indexed in international journals and 2 national and international books in thoracic surgery field.
Thoracic Surgery	
Esophageal Cancer	
Mediastinal Tumors	
Radiomics	
Lung Transplantation	

Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	43	Scopus (Scopus ID: 57200542971)	2018	2025
Papers [national]				
Books [scientific]	2	Miur-Cineca	2018	2025
Books [teaching]				

Total Impact factor	123,274
Total Citations	263
Average Citations per Product	6,12
Hirsch (H) index	9
Normalized H index*	1,5

*H index divided by the academic seniority.

Part IX– Selected Publications

1. **Bassi M**, Vaz Sousa R, Zacchini B, Centofanti A, Ferrante F, Poggi C, Carillo C, Pecoraro Y, Amore D, Diso D, Anile M, De Giacomo T, Venuta F, Vannucci J. Lung Cancer Surgery in Octogenarians: Implications and Advantages of Artificial Intelligence in the Preoperative Assessment. *Healthcare (Basel)*. 2024 Apr 7;12(7):803. doi: 10.3390/healthcare12070803. PMID: 38610225; PMCID: PMC11011722. JIF 2,4. Citations 0.
2. Bruschini S, Pallocca M, Sperandio E, D'Ambrosio L, Ascenzi F, De Vitis C, Salvati V, Esposito A, Di Martino S, De Nicola F, Paolini F, Fattore L, Alessandrini G, Facciolo F, Foddai ML, **Bassi M**, Venuta F, D'Ascanio M, Ricci A, D'Andrilli A, Napoli C, Aurisicchio L, Fanciulli M, Rendina EA, Ciliberto G, Mancini R. Deconvolution of malignant pleural effusions immune landscape unravels a novel macrophage signature associated with worse clinical outcome in lung adenocarcinoma patients. *J Immunother Cancer*. 2022 May;10(5):e004239. doi: 10.1136/jitc-2021-004239. PMID: 35584864; PMCID: PMC9119185. JIF 10,9. Citations 9.
3. **Bassi M**, Russomando A, Vannucci J, Ciardiello A, Dolciemi M, Ricci P, Pernazza A, D'Amati G, Mancini Terracciano C, Faccini R, Mantovani S, Venuta F, Voena C, Anile M. Role of radiomics in predicting lung cancer spread through air spaces in a heterogeneous dataset. *Transl Lung Cancer Res*. 2022 Apr;11(4):560-571. doi: 10.21037/tlcr-21-895. PMID: 35529792; PMCID: PMC9073736. JIF 4,0. Citations 18.
4. Cui F, Liu J, Du M, Fan J, Fu J, Geng Q, He M, Hu J, Li B, Li S, Li X, Liao YD, Lin L, Liu F, Liu J, Lv J, Pu Q, Tan L, Tian H, Wang M, Wang T, Wei L, Xu C, Xu S, Xu S, Yang H, Yu BT, Yu G, Yu Z, Lee CY, Pompeo E, Azari F, Igai H, Kim HK, Andolfi M, Hamaji M, **Bassi M**, Karenovics W, Yutaka Y, Shimada Y, Sakao Y, Sihoe ADL, Zhang Y, Zhang Z, Zhao J, Zhong W, Zhu Y, He J. Expert consensus on indocyanine green fluorescence imaging for thoracoscopic lung resection (The Version 2022). *Transl Lung Cancer Res*. 2022 Nov;11(11):2318-2331. doi: 10.21037/tlcr-22-810. PMID: 36519017; PMCID: PMC9742622. JIF 4,0. Citations 15.
5. **Bassi M**, Mottola E, Mantovani S, Amore D, Pagini A, Diso D, Vannucci J, Poggi C, De Giacomo T, Rendina EA, Venuta F, Anile M. Coaxial Drainage versus Standard Chest Tube after Pulmonary Lobectomy: A Randomized Controlled Study. *Curr Oncol*. 2022 Jun 22;29(7):4455-4463. doi: 10.3390/curroncol29070354. PMID: 35877214; PMCID: PMC9317584. JIF 2,6. Citations 5.
6. Vaz Souza R, **Bassi M**, Mantovani S, Poggi C, Diso D, Vannucci J, Pagini A, Amore D, Venuta F, Anile M. Comparison of preoperative scores predicting outcome in elderly undergoing lung malignancies resection. *J Thorac Dis*. 2020 Dec;12(12):7083-7088. doi: 10.21037/jtd-20-1622. PMID: 33447396; PMCID: PMC7797853. JIF 2,895. Citations 5.
7. Pernazza A, Mancini M, Rullo E, **Bassi M**, De Giacomo T, Rocca CD, d'Amati G. Early histologic findings of pulmonary SARS-CoV-2 infection detected in a surgical specimen. *Virchows Arch*. 2020 Nov;477(5):743-748. doi: 10.1007/s00428-020-02829-1. Epub 2020 Apr 30. PMID: 32356025; PMCID: PMC7192563. JIF 4,064. Citations 64

8. **Bassi M**, Anile M, Pecoraro Y, Ruberto F, Martelli S, Piazzolla M, Pugliese F, Venuta F, De Giacomo T. Bedside Transcervical-Transtracheal Postintubation Injury Repair in a COVID-19 Patient. *Ann Thorac Surg*. 2020 Nov;110(5):e417-e419. doi: 10.1016/j.athoracsur.2020.04.009. Epub 2020 Apr 22. PMID: 32333850; PMCID: PMC7175871. JIF 4,330. Citations 9.

9. **Bassi M**, Vannucci J, Venuta F, De Giacomo T. Effectiveness of indocyanine green fluorescence for the identification of thoracic duct in recurrent idiopathic chylothorax. *Interact Cardiovasc Thorac Surg*. 2020 Aug 1;31(2):284. doi: 10.1093/icvts/ivaa080. PMID: 32706031. JIF 1,905. Citations 5.

10. **Bassi M**, Ruberto F, Poggi C, Diso D, Anile M, De Giacomo T, Pecoraro Y, Carillo C, Pugliese F, Venuta F, Vannucci J. Is Surgical Tracheostomy Better Than Percutaneous Tracheostomy in COVID-19-Positive Patients? *Anesth Analg*. 2020 Oct;131(4):1000-1005. doi: 10.1213/ANE.00000000000005100. PMID: 32925315; PMCID: PMC7340220. JIF 6,627. Citations 13.

11. De Vitis C, Corleone G, Salvati V, Ascenzi F, Pallocca M, De Nicola F, Fanciulli M, di Martino S, Bruschini S, Napoli C, Ricci A, **Bassi M**, Venuta F, Rendina EA, Ciliberto G, Mancini R. B4GALT1 Is a New Candidate to Maintain the Stemness of Lung Cancer Stem Cells. *J Clin Med*. 2019 Nov 9;8(11):1928. doi: 10.3390/jcm8111928. PMID: 31717588; PMCID: PMC6912435. JIF 3,303. Citations 15.

12. Pagini A, **Bassi M**, Diso D, Anzidei M, Mantovani S, Poggi C, Venuta F, Anile M. Vena cava anomalies in thoracic surgery. *J Cardiothorac Surg*. 2018 Feb 1;13(1):19. doi: 10.1186/s13019-018-0704-y. PMID: 29391034; PMCID: PMC5795860. JIF 1,470. Citations 6.

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