

Omeros Artemiou, MD
Consultant Cardiothoracic Surgeon
Assistant Professor in Cardiothoracic Surgery

38, Agiou Pavlou Str.,
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CURRICULUM VITAE

Personalia: Born on 06/02/1966 - Nicosia, Cyprus
Cypriot and Austrian citizenship, Married - two children

Secondary School Education: 1977-1983 A ´ Kykko Gymnasium - Lyceum
Nicosia, Cyprus

Military Service: 1983-1985 Cyprus National Guard
Special Forces Officer

Studies: 1986-1994 University of Vienna, Austria,
Premedical course - Faculty of Medicine
Degree: Doctor Medicinae Universae

1988 **Demonstrator in Anatomy**

Professional Experience: 1994-1995 Nicosia General Hospital - Cyprus
Internship Training

1995 -2002 Department of Cardiothoracic Surgery
University of Vienna, Austria
Director: Prof. Dr. Ernst Wolner
Research fellow, Transplant Coordinator – Resident
(Rotation in Angio-, Plastic and Trauma Surgery,
Cardiac Intensive Care Unit),
Member of the Lung Transplant Group

1996 Obtained the Austrian Citizenship due to scientific
achievements

2002 Specialist in Surgery - **Field Cardiothoracic**

Initiator and responsible for the Heart and Lung transplant co-operation and twinning agreement between the Ministry of Health Cyprus and the Department of Cardiothoracic Surgery of the Vienna University Clinics treating a significant number of Cypriot patients with end stage cardiac/pulmonary disease.

2002-2004 **Consultant Cardiothoracic Surgeon**
1st Surgical Department (Cardiovascular Surgery)
Lainz General Hospital, Vienna, Austria
Director Prof. Dr. Manfred Deutsch

2004	Called by the Ministry of Health Cyprus to build up and direct a Cardiothoracic Surgery Unit in Limassol and initiate Lung Transplant program
2004 - 2009	Director Cardiothoracic Surgery Clinic Lemosos Medical Center Achillion, Cyprus
2010 - 2024	Consultant Thoracic Surgeon Ygia Polyclinic Limassol, Cyprus
Since 2019	Clinical Assistant Professor in Cardiothoracic Surgery European University Cyprus
2024 - 2025	Director of Department of Thoracic Surgery German Medical Institute Limassol, Cyprus

Main fields of work: Wide Experience in the entire spectrum of General Thoracic Surgery and Adult Cardiac Surgery. Especially:
 Complex Resections of Chest wall, Mediastinum and Lung Tumors,
 VATS
 Lung Transplantation
 CABG
 Valve Surgery
 Heart Transplantation

Memberships:

- Cardiothoracic Surgery Network
- European Society of Thoracic Surgeons

Teaching Activities:

- Surgical intensive practicum
- Anatomy of the Human Body
- First Aid Course
- Extra - Corporeal - Circulation
- Surgical Aspects of Pace Maker Implantation
- Coronary Revascularization
- Surgical Treatment of Bronchial Carcinoma
- Lung Metastasectomy

Scientific work: see Publications

Scientific Projects: **Isolated Lung Perfusion with Antineoplastic Agents for Sarcoma Metastases**

Novel concept in the treatment of pulmonary Sarcoma metastases through isolated lung - perfusion using Doxorubicin-HCL. The first step included the development of a simple and reproducible method as well as the evaluation of toxicity, extraction of the agent through the lung, early and late effects on lung function.

Special interests and hobbies: Gym, Football, Tennis (ex-member of the junior National team), Reading

PUBLICATIONS

Journal Articles

01. Down Sizing of the Donor Lung: Peripheral Segmental Resections and Lobar Transplantation
Artemiou O., Wieselthaler G., Zuckermann A., Wisser W., Wekerle T., Senbaklavaci Ö., Birsan T., Dekan G., Kritzing M., Klepetko W.
Transplantation Proceedings 1997 Nov; 29 (7): 2899 - 2900
02. "Pneumoreduction" Procedures: A Safe and Efficient Way to Achieve Size Compatibility in Lung Transplantation
Artemiou O., Grabenwöger M., Taghavi Sh., Birsan T., Rinne T., Wolner E., Klepetko W.
Cardiovascular Engineering 1997; Vol. 2, No 3: 177 - 179.
03. Bilateral Lobar Transplantation with the Split – Lung Technique
Artemiou O., Birsan T., Taghavi Sh., Eichler I., Wisser W., Wolner E., Klepetko W.
J Thorac Cardiovasc Surg 1999 Aug; 118(2): 369-370
04. Right Ventricle Lipoma with Pseudoaneurysmatic Appearance
Artemiou O., Klepetko W., Baumgartner H., Grimm M., Frank H., Wolner E.
Ann Thorac Surg 2000; 70: 967-970
05. Pleurovenous Shunting in the Treatment of Nonmalignant Pleural Effusion
Artemiou O., M.D., Marta GM, Klepetko W., Wolner E., M.D., Müller, MR.
Ann Thorac Surg 2003; 76: 231 - 233
06. Nutritional Status, ICU Duration and ICU Mortality in Lung Transplant Recipients
Plöchl W., Pezawas L., **Artemiou O.**, Grimm M., Klepetko W., Hiesmayr M.
Intensive Care Med 1996 Nov; 22(11): 1179 – 118
07. Bilateral Lung Transplantation for Pulmonary Hypertension
Birsan T., Zuckermann A., **Artemiou O.**, Senbaklavaci Ö., Taghavi Sh., Wieselthaler G., Dekan G., Wislocki W. and Klepetko W.
Transplantation Proceedings 1997 Nov; 29(7): 2892 - 2894.
08. Incidence and outcome of major non-pulmonary surgical procedures in lung transplant recipients
Wekerle T., Klepetko W., Wisser W., Senbaklavaci Ö., **Artemiou O.**, Zuckermann A., Wolner E.
Eur J Cardio -Thorac Surg 1997 Nov; 12(5): 718 - 723.
09. Funktionelle Resultate und Langzeitergebnisse nach bilaterale Lungentransplantation für Pulmonale Hypertension
Birsan T., Zuckermann A., **Artemiou O.**, Taghavi Sh., Chevtchik O., Wolner E., Klepetko W.
Wien Klin Wochenschr 1998 Jan 30; 110 (2): 45 - 52
10. Mycophenolate mofetil in lung transplantation
Zuckermann A., Birsan T., Thaghavi Sh., **Artemiou O.**, Kupilik N., Dekan G., Wolner E., Klepetko W.
Transplantation Proceedings 1998 Jun; 30(4): 1514 - 1516
11. High Turnover Bone Disease Following Lung Transplantation
Aringer M., Kiener H. P., Koeller M. D., **Artemiou O.**, Zuckermann A., Wieselthaler G., Klepetko W., Seidl G., Kainberger F., Bernecker P., Smolen J. S., Pietschmann P.
Bone, 1998 Nov; 23 (5): 485 - 488

12. No Evidence for an Accelerating Effect on the Formation of the Thrombin - Antithrombin - Complex Mediated by the Surface of Human Endothelial Cells
Ruzicka K., Wojta J., **Artemiou O.** Birsan T., Quehenberger P., Kapiotis S., Hofbauer R., Speiser W.
Life Scien 1998; 63(17): 1493 - 1503

13. Alterations in the number of circulating leucocytes, phenotype of monocyte and cytokine production patients undergoing cardiothoracic surgery
Hiesmayr M. J. , Spittler A. , Laßnigg A. , Berger R. , Laufer G. , Kocher A. , **Artemiou O.**, Boltz-Nitulescu G., Roth E.
Clin Exper Immunol 1999 Feb; 115(2): 315-323

14. Transperitoneale Unterbindung des Ductus Thoracicus zur Behandlung eines Chylothorax nach Lungentransplantation
Birsan T., Taghavi Sh., Kupulik N., Pereszlenyi A., **Artemiou O.**, Wolf G., Klepetko W.
Acta Chir Austriaca 1999; 2: 108 - 110

15. Comparison between Mycophenolate Mofetil and Azathioprin Based Immunosuppressions in Clinical Lung Transplantation
Zuckermann A., Klepetko W., Birsan T., Taghavi Sh., **Artemiou O.**, Wisser W., Dekan G., Wolner E.
J- Heart- Lung Transplant. 1999 May; 18 (5): 432 - 440

16. Transient left Ventricular Failure following Bilateral Lung Transplantation for Pulmonary Hypertension
Birsan T., Kranz A., Mares P., **Artemiou O.**, Taghavi Sh., Zuckermann A., Klepetko W.
J- Heart - Lung Transplant. 1999 Apr; 18 (4): 304 – 308

17. Impact of different coverage techniques on incidence of postpneumnectomy stump fistula
Klepetko W., Taghavi Sh., Pereslenyi A., Birsan T., Groetzner J., Kupilik N., **Artemiou O.**, Wolner E. Europ J Cardio-Thorac Surg 1999 Jun; 15 (6): 758 - 763

18. Accuracy of echocardiographic right ventricular parameters in patients with different end – stage lung diseases prior to lung transplantation
Schenk P., Globits S., Koller J., Brunner C., **Artemiou O.**, Klepetko W., Burghuber OC.
J- Heart - Lung Transplant. 2000 Feb; 19(2):145-154

Book Chapters

01. Single versus Bilateral Lung Transplantation
Dörge H.C. , Wieselthaler G., Zuckermann A. ,**Artemiou O.** , Senbaklavaci Ö., Klepetko W.
In: Lung Transplantation, Hetzer R., Reichart B.: Steinkopf Verlag

Presentations - Abstracts

01. Down Sizing of the Donor Lung: Peripheral Segmental Resections and Lobar Transplantation
Artemiou O., Wieselthaler G., Zuckermann A., Wisser W., Wekerle T., Senbaklavaci Ö., Birsan T., Dekan G., Kritzinger M., Klepetko W.
The fifth International Congress of the Middle East Society for Organ Transplantation;
October 20-24, 1996, Limassol-Cyprus
02. Bronchial Complications after Lung Transplantation
Artemiou O., Wieselthaler G., Zuckermann A., Wisser W., Dörge H-C., Senbaklavaci Ö., Birsan T., Klepetko W.
4th European Conference on General Thoracic Surgery; October 24-26, 1996, Cordoba-Spain
03. Down Sizing of the Donor Lung: Peripheral Segmental Resections and Lobar Transplantation
Artemiou O., Zuckermann A., Taghavi Sh., Birsan T., Wolner E., Klepetko W.
The 5th International Thoracic Surgery Congress; May 1-3, 1997, Bratislava-Slovakia
04. Contralateral Pneumonectomy after Unilateral Lung Retransplantation for Bronchiolitis Obliterans
Artemiou O., Zuckermann A., Taghavi Sh., Birsan T., Kupilik N., Wolner E., Klepetko W.
ERS Annual Congress; September 19-23, 1998, Geneva-Switzerland
Eur Resp J: 12, Suppl 28, p. 381, Sept 1998
05. Kontralaterale Pneumonektomie nach unilateraler Lungentransplantation bei Bronchiolitis Obliterans
Artemiou O., Zuckermann A., Taghavi Sh., Kupilik N., Pereszlenyi A., Wolner E., Klepetko W.
39 Tagung der Österreichischen Gesellschaft für Chirurgie; 11-13 Juni, 1998, Baden bei Wien
Acta Chir Austriaca: suppl. 141, p.118
06. "Split lung" und bilaterale Lappentransplantation
Artemiou O., Birsan T., Eichler I., Taghavi Sh., Klepetko W.
12 Jahrestagung der Österreichischen Gesellschaft für Transplantation, Transfusion und Genetik,
Bad Tatzmannsdorf; 21-24 Oktober, 1998
Acta Chir Austriaca: Suppl. 146, p.22, Okt. 1998
07. Erste Erfahrungen mit isolierter Lungenlappentransplantation
Senbaklavaci Ö., Zuckermann A., **Artemiou O.**, Wieselthaler G., Wisser W., Klepetko W.
37. Tagung der Österr. Gesell. f. Chirurgie, 6-8 Juni, 1996, Graz
08. Bilateral lung transplantation for pulmonary hypertension
Klepetko W., Wieselthaler G., Zuckermann A., Wisser W., **Artemiou O.**, Dörge H-C.
Senbaklavaci Ö., Birsan T.
4th European Conference on General Thoracic Surgery; October 24-26, 1996, Cordoba - Spain
09. Tracheobronchiales Stenting: Möglichkeiten und Limits
Wisser W., Birsan T., **Artemiou O.**, Grötzner J., Senbaklavaci Ö., Klepetko W.
Österreichischer HNO – Kongress; 11-14 September, 1996, Gmunden
10. Technik und Ergebnisse Cricotrachealer Resektionen
Klepetko W., Wisser W., **Artemiou O.**, Bigezahn W., Burian M., Grötzner J., Birsan T.
Österreichischer HNO – Kongress; 11-14 September, 1996, Gmunden
11. Bilateral Lung Transplantation for Pulmonary Hypertension
Birsan T., Zuckermann A., **Artemiou O.**, Senbaklavaci Ö., Taghavi Sh., Wieselthaler G.,
Dekan G., Wislocki W., Klepetko W.
The 5th International Congress of the Middle East Society for Organ Transplantation; October 20-24, 1996, Limassol-Cyprus

12. Pulmonary Infections after Lung Transplantation - Mycophenolate Mofetil based Immunosuppressions
Zuckermann A. , Birsan T. ,Taghavi Sh. ,**Artemiou O.** , Dekan G. , Klepetko W., Wolner E.
Congress on Pulmonary Infections in Organ Transplantation;
February 14-15, 1997, Milano-Italy
13. Comparison between Mycophenolate Mofetil and Azathioprin based Immunosuppressions in Clinical Lung Transplantation
Zuckermann A., Birsan T., **Artemiou O.**, Wieselthaler G., Scherhauser K., Dekan G., Wolner E., Klepetko W.
International Society for Heart and Lung Transplantation - 17th Annual Meeting and Scientific Sessions; April 2-5, 1997 London-UK; J Heart -Lung Transpl: suppl. p. 76, Jan 1997
14. Functional Results and Long Term Outcome after Bilateral Lung Transplantation for Pulmonary Hypertension
Birsan T. , Zuckermann A. , **Artemiou O.** , Taghavi Sh., Klepetko W.
The 5th International Thoracic Surgery Congress; May 1-3, 1997, Bratislava-Slovakia
15. Bronchial Complications after Lung Transplantation
Taghavi Sh., **Artemiou O.**, Zuckermann A., Birsan T, Grabenwöger M., Wolner E., Klepetko W.
The 5th International Thoracic Surgery Congress; May 1-3, 1997, Bratislava-Slovakia
16. Comparison of Mycophenolate Mofetil - and Azathioprin - based Immunosuppressive Therapy in the Prevention of Early Phase Rejection after Lung Transplantation
Zuckermann A. , Birsan T. , Taghavi Sh. , **Artemiou O.**, Wieselthaler G., Wissner W., Scherhauser K. Dekan G. , Wolner E., Klepetko W.
ASTP - 15th Annual Scientific Meeting; May 10-14, 1997, Chicago-USA
17. Ergebnisse nach isolierter Lungentransplantation bei Mukoviszidose
Birsan T. , Zuckermann A. , Taghavi Sh. , **Artemiou O.** , Grabenwöger M. , Wolner E., Klepetko W.
38. Tagung der Österreichischen Gesellschaft für Chirurgie; 29-31, Mai 1997, Innsbruck
18. Vergleich zwischen Immunsuppression mit Azathioprin und Mycophenolat Mofetil nach Lungentransplantation
Taghavi Sh. , Zuckermann A. ,Birsan T. ,**Artemiou O.** , Dekan G. ,Wolner E., Klepetko W.
38. Tagung der Österreichischen Gesellschaft für Chirurgie; 29-31 Mai 1997, Innsbruck
19. Comparison between Mycophenolate Mofetil and Azathioprin based Immunosuppressions in Lung Transplantation
Zuckermann A, Birsan T, Taghavi Sh, **Artemiou O**, Dekan G, Wissner W, Wolner E, Klepetko W.
The 8th Congress of the European Society for Organ Transplantation; September 2-6, 1997 Budapest-Hungary
20. Comparison between Mycophenolate Mofetil (MMF) and Azathioprin based Immunosuppressions in Clinical Lung Transplantation
Taghavi Sh., Zuckermann A., **Artemiou O.**, Grabenwöger M., Dekan G., Wolner E., Klepetko W.
The Annual Congress of the European Respiratory Society; 20-24 September, 1997, Berlin - Germany. Eur Respir J 9 / 97, Vol 10, Suppl. 25:18 S
21. Adverse effects and Tolerability of Mycophenolate Mofetil (MMF) after Lung Transplantation.
Birsan T., Zuckermann A., Taghavi Sh., **Artemiou O.**, Dekan G., Klepetko W.
The Annual Congress of the European Respiratory Society; 20-24 September, 1997, Berlin - Germany. Eur Respir J 9 / 97, Vol 10, Suppl. 25:18 S

22. Vergleich zwischen Immunsuppression mit Azathioprin und Mycophenolat Mofetil (MMF) nach Lungentransplantation
Zuckermann A, Birsan T., Taghavi Sh., **Artemiou O.**, Dekan G, Wissner W., Wolner E., Klepetko W.
Jahrestagung der Österreichischen Gesellschaft für Transplantation, Transfusion und Genetik;
29.10.1997 - 1.11.1997, Saalfelden am Steinernen Meer
23. Chylothorax nach unilateraler Lungentransplantation: Behandlung über einen abdominalen Zugang
Birsan T., Taghavi Sh., Kupulik N., Pereszlenyi A., **Artemiou O.**, Wolner E., Klepetko W.
39 Tagung der Österreichischen Gesellschaft für Chirurgie; 11-13 Juni 1998, Baden bei Wien Acta Chir Austriaca: suppl. 141, p.118
24. Jejunal autografts for reconstruction of the Hypopharynx, Larynx, and cervical Esophagus
Klepetko W., Taghavi Sh., Birsan T., Kupulik N., **Artemiou O.**
European Conference on General Thoracic Surgery; 22-24 October, 1998, Slovenia
25. Morphologic grading of the emphysematous lung and its relation to improvement after lung volume reduction surgery
Senbaklavaci Ö., Wissner W., Birsan T., Taghavi Sh., Skyllouriotis P., **Artemiou O.**, Klepetko W.
European Conference on General Thoracic Surgery; 22-24 October, 1998, Slovenia
26. Fortlaufende Naht der Bronchusanastomose bei der Lungentransplantation: Eine einfache und sichere Methode
Lischke R., Wissner W., Deviatko E., Huber E., Sarahrudi K., **Artemiou O.**, Wolner E., Klepetko W.
13 Jahrestagung der Österreichischen Gesellschaft für Transplantation, Transfusion und Genetik;
20-22 October 1999, Schloß am Wolfgangsee, St. Wolfgang
27. The role of apical wedge resection in the treatment of complicated primary spontaneous pneumothorax
Müller M. R., **Artemiou O.**, Salat A., Fleck T., Wolner E.
10th European Conference on General Thoracic Surgery, October 26 – 28 2002, Istanbul, Turkey
28. Der pleuro-venoese Shunt zur Behandlung chronischer nicht-maligner Pleuraergüsse
Mueller M.R., Getman V., Marta G., **Artemiou O.**
45 Oesterreichischer Chirurgenkongress; 10-12 Juni, 2004, Klagenfurt
29. Surgery for complicated primary spontaneous pneumothorax - the role of apical wedge resection
Müller M. R., **Artemiou O.**, Salat A., Fleck T., Wolner E.
ESTS Meeting Leuven 2007
30. Sinn und Unsinn der Metastasenreduktion
Artemiou O.
17. Internationaler Maritimer Kongress der Österreichischen Gesellschaft für Senologie;
26 - 30 May 2023, Limassol, Zypern

Awards

ASTP International Young Investigator Award :

Comparison of Mycophenolate Mofetil - and Azathioprin - based Immunosuppressive Therapy in the Prevention of Early Phase Rejection after Lung Transplantation

Zuckermann A., Birsan T., Taghavi Sh., **Artemiou O.**, Wieselthaler G., Wissner W., Scherhauser K., Dekan G., Wolner E., Klepetko W.

The American Society of Transplant Physicians-15th Annual Scientific Meeting,
May 10-14, 1997 Chicago-USA