

Dr. Raluca-Ileana Mincu, PhD

born on June 29, 1982 in Fagaras, Romania

Consultant in cardiology and internal medicine

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Education

1997 - 2001	Graduation "Radu Negru " National College, Fagaras , Romania
2001 - 2007	Medical studies at the "Carol Davila" University of Medicine Bucharest, Romania
2008 - 2015	Medical training in cardiology
03/2015	Specialist in Cardiology (Romanian Board Certification)
07/2017	Specialist in Cardiology and Internal Medicine (German recognition)
04/2021	Supraspecialty in congenital heart disease
11/2025	Supraspecialty in cardio-oncology

Work experience

01/2008 - 02/2015	Assistant Physician, Department of Cardiology and Internal Medicine, University Emergency Hospital Bucharest (Romania, Head: Univ.Prof. Dr. D. Vinereanu)
08/2015 - 07/2016	Specialist in Cardiology, Department of Cardiology and Internal Medicine, University Emergency Hospital Bucharest, Romania (Head: Univ.-Prof. Dr. D. Vinereanu)
07/2016 - 07/2017	Research Grant Fellow of the European Society of Cardiology, Department of Cardiology and Angiology, West German Heart and Vascular Center, University Hospital Essen, Germany (Supervisor: Univ.-Prof. Dr. M. Totzeck , Head: Univ.-Prof . Rassaf)

09/2017 – 09/2019	Specialist in Cardiology and Internal Medicine, Department of Cardiology and Angiology, University Hospital Essen (Head: University Professor Dr. T. Rassaf)
Since 09/2019	Attending Physician in Cardiology and Internal Medicine, Department of Cardiology and Angiology, University Hospital Essen with focus on onco-cardiology and congenital heart disease.

Scientific training

10/2005 - 10/2007	Medical Doctorate (MD) - "Carol Davila " Faculty of Medicine, University of Bucharest, Department of Cardiology (Head: Univ.-Prof. Dr. D. Vinereanu)
12/2008	MD Thesis: "New modalities of monitoring oral anticoagulant treatment" (Univ.-Prof. Dr. D. Vinereanu) - <i>summa cum laude</i>
10/2011 - 03/2016	Doctoral Research Fellow (PhD) - "Carol Davila ", Faculty of Medicine, University of Bucharest, Department of Cardiology (Head: Univ.-Prof. Dr. D. Vinereanu)
03/2016	PhD thesis: "Quantification of cardiovascular dysfunction in patients with multiple sclerosis" (Univ.-Prof. Dr. D. Vinereanu) - <i>magna cum laude</i>
07/2016 - 07/2017	Postdoctoral research fellow of the European Society of Cardiology, Department of Cardiology and Angiology, West German Heart and Vascular Center, University Hospital Essen, Germany (Supervisor: Univ.-Prof. Dr. M. Totzeck , Head: Univ.-Prof. T. Rassaf)
Since 09/2017	Researcher of the Working Group " Acute cardiac injury and repair ", Department of Cardiology and Angiology, West German Heart and Vascular Medicine Center, University Hospital of Essen. Germany (Head: Univ.-Prof. Dr. Matthias Totzeck)
Since 2018	Transthoracic Echocardiography Certification of European Association of Cardiovascular Imaging
Since 2019	Transesophageal Echocardiography Certification of European Association of Cardiovascular Imaging
04/2022	Privat Dozentin (Associate Professor) for Internal Medicine of the Clinic of Cardiology and Angiology, West German Heart and Vascular Center, University Hospital Essen, Germany

Scholarships and awards

2005	Young Investigator Award - National Congress for Students and Young Physicians (Bucharest, Romania)
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2009	Young Investigator Award - National Congress of Internal Medicine (Calimanesti , Romania)
2012	Hot Topic Article Award - European Congress of Echocardiography (Athens, Greece)
2012	Young Researcher Grant of "Carol Davila " Faculty of Medicine Bucharest
2015	Best oral presentation during training "3D-Echo 360 - From innovation to practice " (Padova, Italy)
2016	Research Grant winner - Fellow of the European Society of Cardiology at the Department of Cardiology and Angiology, West German Heart and Vascular Center, University Hospital Essen, Germany (Supervisor: PD Dr. M.Totzeck , Head: University Professor Dr. T. Rassaf)
2019	Josepha and Charlotte von Siebold habilitation grant - University Hospital Essen, Germany
2019	Career mentorship - MediMent Peer VI Program - University Hospital Essen, Germany
2026	Research Grant (1,9 Mio Euro) from the German Federal Ministry for Research, Technology and Space. Group leader of the project „Artificial Intelligence–Supported Cardio-Oncology Follow-Up for Immune Checkpoint Inhibitor Therapy (I-CHECK-HEART)“, West German Heart and Vascular Center, Department of Cardiology and Angiology, Essen, Germany (2026 – 2029)

Memberships

Since 2009	European Society of Cardiology
Since 2009	European Association of Cardiovascular Imaging
Since 2009	Romanian Society of Cardiology
Since 2016	German Society of Cardiology
Since 2019	Cardio-oncology working group vice-president (2024 – 2026), president (2026-2028) – German Society of Cardiology
Since 2020	International Cardio-Oncology Society
Since 2020	AMEDRO NRW – Association of the Romanian Doctors in Nordrhein-Westphalen, Germany

Publications

I. Dissertation and PhD Thesis

Dissertation (MD Thesis)

Mincu RI

“New Modalities for Monitoring Oral Anticoagulant Therapy”

Doctor of Medicine (MD) degree (*summa cum laude*)

Faculty of Medicine, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania –

September 2007

(Supervisor: Prof. Dr. D. Vinereanu)

PhD Thesis

Mincu RI

“Quantification of Subclinical Cardiovascular Dysfunction in Patients with Multiple Sclerosis”

Doctor of Philosophy (PhD) degree (*magna cum laude*)

Faculty of Medicine, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania –

February 2016

(Supervisor: Prof. Dr. D. Vinereanu)

II Original paper

1. Mihaila S, **Mincu RI**, Rimbasi RC, Dulgheru RE, Dobrescu R, Magda SL, Badiu C, Vinereanu D. Growth hormone deficiency in adults impacts left ventricular mechanics: a two-dimensional speckle-tracking study.
Can J Cardiol. 2015;31(6):752–759.
Impact Factor 2015: 3,107
2. Mihalcea DJ, Florescu M, Suran BM, Enescu OA, **Mincu RI**, Magda S, Patrascu N, Vinereanu D. Comparison of pulse wave velocity assessed by three different techniques: Arteriograph, Complior, and Echo-tracking.
Heart Vessels. 2016;31(4):568–577.
Impact Factor 2016: 2,784
3. **Mincu RI**, Janosi RA, Vinereanu D, Rassaf T, Totzeck M. Preprocedural C-reactive protein predicts outcomes after primary percutaneous coronary intervention in patients with ST-elevation myocardial infarction a systematic meta-analysis.
Sci Rep. 2017;7:41530.
Impact Factor 2017: 4,122
4. **Mincu RI**, Magda SL, Mihaila S, Florescu M, Mihalcea DJ, Velcea A, Chiru A, Tiu C, Popescu BO, Cinteza M, Vinereanu D. Impaired cardiac function in patients with multiple sclerosis by comparison with normal subjects.
Sci Rep. 2018;8(1):3300.
Impact Factor 2018: 4,001

5. **Mincu RI**, Rassaf T, Totzeck M. Red blood cell transfusion in patients with ST-elevation myocardial infarction – a meta-analysis of more than 21,000 patients.
Neth Heart J. 2018;26(9):454–460.
Impact Factor 2018: 1,972

6. **Mincu RI**, Mahabadi AA, Michel L, Mrotzek SM, Schadendorf D, Rassaf T, Totzeck M. Cardiovascular adverse events associated with BRAF and MEK inhibitors: a systematic review and meta-analysis.
JAMA Netw Open. 2019;2:e198890.
Impact Factor 2021: 8,480

7. El-Chilali K, Patsalis PC, Al-Rashid F, Kahlert HA, Riebisch M, **Mincu RI**, Totzeck M, Lind A, Janosi RA, Kehren C, Dirkmann D, Peters J, Wendt D, Jakob H, Rassaf T, Kahlert P. Impact of baseline left ventricular ejection fraction on outcome after transfemoral transcatheter aortic valve implantation in patients with and without low-gradient aortic stenosis.
Echocardiography. 2019;36(1):28–37.
Impact Factor 2019: 1,287

8. **Mincu RI**, Mahabadi AA, Totzeck M, Rassaf T. Novel anticoagulants versus vitamin K antagonists for cardioversion of non-valvular atrial fibrillation – a meta-analysis of more than 17000 patients.
Sci Rep. 2019;9(1):3011.
Impact Factor 2019: 3,998

9. Papathanasiou M, **Mincu RI**, Lortz J, Horacek M, Koch A, Pizanis N, Kamler M, Rassaf T, Luedike P. Prolonged mechanical ventilation after left ventricular assist device implantation: risk factors and clinical implications.
ESC Heart Fail. 2019;6(3):545–551.
Impact Factor 2019: 3,902

10. **Mincu RI**, Ciobanu A, Constantinescu T, Rujinski SD, Mihaila S, Vinereanu D, Magda LS. Obstructive sleep apnea syndrome causes vascular dysfunction, similarly with diabetes mellitus.
J Cardiol Cardiovasc Ther. 2019;13(3):555862.
Impact Factor 2019: 0,942

11. Totzeck M, **Mincu RI**, Heusch G, Rassaf T. Heart failure from cancer therapy: can we prevent it?
ESC Heart Fail. 2019;6:856–862.
Impact Factor 2019: 3,902

12. Michel L, **Mincu RI**, Mahabadi AA, Settelmeier S, Al-Rashid F, Rassaf T, Totzeck M. Troponins and brain natriuretic peptides for the prediction of cardiotoxicity in cancer patients: a meta-analysis.
Eur J Heart Fail. 2020;22(2):350–361.
Impact Factor 2020: 15,534

13. Michel L, **Mincu RI**, Mrotzek SM, Korste S, Neudorf U, Rassaf T, Totzeck M. Cardiac biomarkers for the detection of cardiotoxicity in childhood cancer-a meta-analysis.
ESC Heart Fail. 2020;7:423–433.
Impact Factor 2020: 4,411

14. Dykun I, **Mincu RI**, Hendricks S, Balcer B, Totzeck M, Rassaf T, Mahabadi AA. Efficacy of lipid-lowering therapy beyond statins to prevent cardiovascular events: a meta-analysis.

Eur J Prev Cardiol. 2020;27(15):1675–1678.

Impact Factor 2020: 7,804

15. Lind A, Totzeck M, Janosi A, El Gabri M, Ruhpawar A, Mrotzek S, Akdeniz M, Rassaf T, **Mincu RI**. Impact of cancer in patients undergoing transcatheter aortic valve replacement: a single-center study.
JACC CardioOncol. 2020;2(5):735–743.
Impact Factor 2020: 6,250
16. Al-Rashid F, Totzeck M, Saur N, Janosi A, Lind A, Mahabadi AA, Rassaf T, **Mincu RI**. Global longitudinal strain is associated with better outcomes in TAVR.
BMC Cardiovasc Disord. 2020;20(1):267.
Impact Factor 2020: 2,078
17. Hinrichs L, Mrotzek SM, **Mincu RI**, Pohl J, Röhl A, Michel L, Mahabadi AA, Al-Rashid F, Totzeck M, Rassaf T. Troponins and natriuretic peptides in cardio-oncology patients – data from the ECoR registry.
Front Pharmacol. 2020;11:740.
Impact Factor 2020: 4,225
18. El-Chilali K, Al-Rashid F, Riebisch M, Kahlert HA, **Mincu RI**, Totzeck M, Lind A, János RA, Dirkmann D, Peters J, Wendt D, Thielmann M, Jakob H, Ruhparwar A, Rassaf T, Kahlert P. Impact of bioprosthetic choice on mortality after transfemoral transcatheter aortic valve implantation in patients with reduced versus preserved left-ventricular ejection fraction.
Am J Cardiol. 2020;125(10):1550–1557.
Impact Factor 2020: 2,778
19. Pohl J, **Mincu RI**, Mrotzek S, Hinrichs L, Michel L, Livingstone E, Zimmer L, Wakili R, Schadendorf D, Rassaf T, Totzeck M. ECG changes in melanoma patients undergoing cancer therapy – data from ECoR registry.
J Clin Med. 2020;9(7):2060.
Impact Factor 2020: 4,241
20. Mrotzek SM, Lena A, Hadzibegovic S, Ludwig R, Al-Rashid F, Mahabadi AA, **Mincu RI**, Michel L, Johannsen L, Hinrichs L, Schuler M, Keller U, Anker SD, Landmesser U, Rassaf T, Anker MS, Totzeck M. Assessment of coronary artery disease during hospitalization for cancer treatment.
Clin Res Cardiol. 2021;110(2):200–210.
Impact Factor 2019: 5,268
21. Pohl J, **Mincu RI**, Mrotzek SM, Wakili R, Mahabadi AA, Potthoff SK, Siveke JT, Keller U, Landmesser U, Rassaf T, Anker MS, Totzeck M. ECG scoring for the evaluation of therapy-naïve cancer patients to predict cardiotoxicity.
Cancers (Basel). 2021;13:1197.
Impact Factor 2020: 6,162
22. **Mincu RI**, Lampe LF, Mahabadi AA, Kimmig R, Rassaf T, Totzeck M. Left ventricular diastolic function following anthracycline-based chemotherapy in patients with breast cancer without previous cardiac disease – a meta-analysis.
J Clin Med. 2021;10(17):3890.
Impact Factor 2020: 4,241

23. Michel L, Helfrich I, Hendgen-Cotta UB, **Mincu RI**, Korste S, Mrotzek SM, Spomer A, Odersky A, Rischpler C, Herrmann K, Umutlu L, Coman C, Ahrends R, Sickmann A, Löffek S, Livingstone E, Ugurel S, Zimmer L, Gunzer M, Schadendorf D, Totzeck M and Rassaf T. Targeting early stages of cardiotoxicity from anti-PD1 immune checkpoint inhibitor therapy. *Eur Heart J*. 2022;43:316-329.
Impact Factor 2022: 29,983
24. Mahabadi AA, **Mincu RI**, Dykun I, Michel L, Küng A, Witzke O, Kill C, Buer J, Rassaf T and Totzeck M. Frequency and prognosis of CVD and myocardial injury in patients presenting with suspected COVID-19 - The CoV-COR registry. *Int J Cardiol Heart Vasc*. 2023;45:101184.
Impact Factor 2023: 0,787
25. Papathanasiou M, Jakstaite AM, **Mincu RI**, Wernhart S, Ruhparwar A, Rassaf T and Luedike P. Phosphodiesterase-5 inhibitors for left ventricular assist device implantation complicated by right ventricular failure. *ESC Heart Fail*. 2023;10:2728-2733.
Impact Factor 2023: 3,2
26. Wernhart S, **Mincu RI**, Balcer B, Rammos C, Muentjes C and Rassaf T. The cardiorespiratory optimal point as a discriminator of lesion severity in adults with congenital heart disease. *J Sports Med Phys Fitness*. 2023;63:941-948.
Impact Factor 2023: 0,728
27. El-Malahi O, Mohajeri D, Bäuerle A, **Mincu RI**, Rothenaicher K, Ullrich G, Rammos C, Teufel M, Rassaf T and Lortz J. The Effect of Stress-Reducing Interventions on Heart Rate Variability in Cardiovascular Disease: A Systematic Review and Meta-Analysis. *Life (Basel)*. 2024;14.
Impact Factor 2024: 3,2
28. El-Malahi O, Mohajeri D, **Mincu RI**, Bäuerle A, Rothenaicher K, Knuschke R, Rammos C, Rassaf T and Lortz J. Beneficial impacts of physical activity on heart rate variability: A systematic review and meta-analysis. *PLoS One*. 2024;19:e0299793.
Impact Factor 2024: 2,6
29. Haj-Yehia E, **Mincu RI**, Korste S, Lampe L, Margraf SM, Michel L, Mahabadi AA, Ferdinandy P, Rassaf T and Totzeck M. High neutrophil-to-lymphocyte ratio is associated with cancer therapy-related cardiovascular toxicity in high-risk cancer patients under immune checkpoint inhibitor therapy. *Clin Res Cardiol*. 2024;113:301-312.
Impact Factor 2024: 3,7
30. Magda Ş L, Gheorghiu AM, **Mincu RI**, Ciobanu AO, Constantinescu T, Popa EC, Mihai C and Vinereanu D. Non-Invasive Cardiac and Vascular Monitoring in Systemic Sclerosis: Impact of Therapy on Subclinical Dysfunction. *Medicina (Kaunas)*. 2024;60.
Impact Factor 2024: 2,8
31. Anker MS, Mahabadi AA, Totzeck M, Tewes M, **Mincu RI**, Khan MS, Butler J, Keller U, Ahn J, Bullinger L, Modest DP, Landmesser U, Lehmann LH, Bercker S, Laufs U, Böhm M, Merkely B, Diek M, Heise T, Hellmich M, Placzek M, Friede T, Anker SD and Rassaf T. Randomized investigation of heart failure therapy in patients with advanced cancer at risk of cardiac wasting: Rationale and design of the EMPATICC trial.

Eur J Heart Fail. 2025;27:1905-1917.

Impact Factor 2025: 10,8

32. Anker MS, Mahabadi AA, Totzeck M, Tewes M, Shahzeb Khan M, **Mincu RI**, Hendgen-Cotta UB, Michel L, Mathew B, Drescher O, Schuler M, Keller U, Rieger K, Ahn J, Bullinger L, Modest DP, Denecke C, Kretzler L, Ramer LV, Krug D, Landmesser U, Lehmann L, Frey N, Bercker S, Laufs U, Böhm M, Mahfoud F, Merkely B, Diek M, Butler J, Veiser A, Heise T, Hellmich M, Placzek M, Friede T, Anker SD and Rassaf T. Heart Failure Therapy in Patients with Advanced Cancer Receiving Specialized Palliative Care (EMPATICC trial). *Eur Heart J.* 2025.

Impact Factor 2025: 35,6

33. El-Malahi O, Mohajeri D, Bäuerle A, **Mincu RI**, Rammos C, Jansen C, Teufel M, Rassaf T and Lortz J. The Influence of eHealth Stress Management Interventions on Psychological Health Parameters in Patients With Cardiovascular Disease: Systematic Review and Meta-Analysis.

J Med Internet Res. 2025;27:e67118.

Impact Factor 2025: 6,0

34. Hagendorff A, Stöbe S, Helfen A, Knebel F, Altiok E, Fehske W, Bekfani T, Breithardt OA, Ewers A, Hamadanchi A, Freyhaus HT, Haghi D, Knierim J, Kruck S, Lenk K, Kandels J, Merke N, **Mincu RI**, Dorta ER, Ruf T, Sinning C, Kluge JG, Brandt R, von Roeder M, Voigt JU, Ewen S and Haring B. How can common errors in left heart echocardiography be avoided? An expert proposal by the German Working Group of Cardiovascular Ultrasound. *Clin Res Cardiol.* 2025.

Impact Factor 2025: 3,7

35. Haj-Yehia E, Michel L, **Mincu RI**, Rassaf T and Totzeck M. Prevention of cancer-therapy related cardiac dysfunction.

Curr Heart Fail Rep. 2025;22:9.

Impact Factor 2025: 3,4

36. Haj-Yehia E, Mincu RI, Schulte P, Korste S, Dautzenberg S, Michel L, Mahabadi AA, Rassaf T and Totzeck M. Hemoglobin is associated with cardiotoxicity in melanoma patients without anemia receiving immune checkpoint inhibitor therapy.

Int J Cardiol Heart Vasc. 2025;59:101693.

Impact Factor 2025: 3,2

37. Küng AJ, Dykun I, Totzeck M, **Mincu RI**, Michel L, Kill C, Witzke O, Buer J, Rassaf T and Mahabadi AA. Epicardial adipose tissue in patients with and without COVID-19 infection.

Am Heart J Plus. 2025;54:100548.

Impact Factor 2025: 1,8

38. Lerchner T, Mincu RI, Bühning F, Vogel J, Klingel K, Meetschen M, Schlosser T, Haubold J, Umutlu L, Dobrev D, Totzeck M, Rassaf T and Michel L. Cardiac magnetic resonance imaging in patients with suspected myocarditis from immune checkpoint inhibitor therapy - A real-world observational study.

Int J Cardiol Heart Vasc. 2025;56:101581.

Impact Factor 2025: 3,2

39. De Lazzari N, Wiesweg M, Götte M, Franco J, Mincu RI, Jäger J, Huessler EM, Kuklik N, Stang A, Totzeck M and Tewes M. Improving aerobic capacity in patients with advanced non-small cell lung cancer: study protocol of the 3-armed randomized controlled BREATH trial. *Trials*. 2026.

Impact Factor 2026: 2,2

III **Reviews**

1. **Mincu RI**, Magda LS, Florescu M, Velcea A, Mihaila S, Mihalcea D, Popescu BO, Chiru A, Tiu C, Cinteza M, Vinereanu D. Cardiovascular dysfunction in Multiple Sclerosis. *Maedica (Bucur)*. 2015;10(4):364–370.

Impact Factor 2015: -, -

2. Totzeck M*, **Mincu RI***, Rassaf T. Cardiovascular adverse events in patients with cancer treated with bevacizumab: a meta-analysis of more than 20 000 patients. *J Am Heart Assoc*. 2017;6(8):e006278. (* equal contribution)

Impact Factor 2017: 4,450

3. Totzeck M*, **Mincu RI***, Mrotzek S, Schadendorf D, Rassaf T. Cardiovascular diseases in patients receiving small molecules with anti-vascular endothelial growth factor activity: A meta-analysis of approximately 29,000 cancer patients.

Eur J Prev Cardiol. 2018;25(5):482–494 (*equal contribution)

Impact Factor 2018: 5,640

IV **Book chapters**

1. Magda SL, **Mincu RI**, Constantinescu T, Cinteza M. Updates in cardiology. Bucharest: MediaMed Publishing, 2014. Chapter 2: Arterial hypertension and obstructive sleep apnea; p. 338–361.

V **Published abstracts**

1. **Mincu RI**, Lampe L, Rassaf T, Totzeck M. Left ventricular diastolic function in patients with breast cancer treated with anthracyclines – a meta-analysis. *Eur Heart J*. 2021; 42(1): ehab724.2843

2. **Mincu RI**, Pohl J, Mrotzek S, Michel L, Hinrichs L, Lampe L, Rassaf T, Totzeck M. Left ventricular global longitudinal strain reduction in patients with melanoma and extra-cardiac immune-related adverse events during immune checkpoint inhibitor therapy. *Eur Heart J*. 2020;41(2): ehaa946.3261.

3. **Mincu RI**, Mahabadi AA, Michel L, Mrotzek SM, Schadendorf D, Rassaf T, Totzeck M. Cardiovascular adverse events associated with BRAF and MEK inhibitors. *Eur Heart J*. 2019;40(1): ehz747.0289.

4. **Mincu RI**, János RA, Lind A, Kahlert P, Al-Rashid F, Mahabadi AA, Vinereanu D, Rassaf T, Totzeck M. Global longitudinal strain early predicts improvement of left ventricular function and correlates with outcomes following TAVI. *Eur Heart J Cardiovasc Imaging*. 2017;18(3):iii238.

5. **Mincu RI**, Magda LS, Florescu M, Velcea A, Mihalcea D, Chiru A, Popescu BO, Tiu C, Vinereanu D. Left atrial function is impaired in patients with multiple sclerosis. *Eur Heart J Cardiovasc Imaging*. 2015;16:S91.

6. Magda SL, **Mincu RI**, Soare A, Mihai CM, Florescu M, Mihalcea D, Cinteza M, Vinereanu D. Subclinical systolic dysfunction and higher arterial stiffness in patients with scleroderma. *Eur Heart J Cardiovasc Imaging* 2014;15:ii213.
7. **Mincu RI**, Magda LS, Velcea A, Mihaila S, Florescu M, Mihalcea D, Chiru A, Popescu BO, Tiu C, Vinereanu D. Multiple sclerosis determines subclinical biventricular dysfunction. *Eu Heart J*. 2014;35:337.
8. Florescu M, Mihalcea D, Magda SL, Radu E, Chirca A, Acasandrei AM, Jinga D, **Mincu RI**, Enescu OA, Vinereanu D. Diagnosis and prediction of taxanes-induced cardiotoxicity in patients with breast cancer. *Eur Heart J Cardiovasc Imaging*. 2014;15:ii215-ii216.
9. Magda SL, **Mincu RI**, Dumitrache Rujinski S, Constantinescu T, Florescu M, Mihaila S, Cinteza M, Vinereanu D. Obstructive sleep apnea determines subclinical systolic biventricular dysfunction and increased arterial stiffness. *Eur Heart J*. 2014;35:337.
10. Rimbas RC, Calin SI, Enescu OA, Mihaila S, **Mincu RI**, Florescu M, Magda LS, Vinereanu D. Age and sex related changes in left and right ventricular function. *Eur Heart J*. 2014;35:1088–1089.
11. Florescu M, Mihalcea D, S. Magda SL, Radu E, Acasandrei M, Jinga D, Enescu OA, Rimbas R, **Mincu RI**, Vinereanu D. Mechanisms of taxanes-induced cardiac dysfunction: a 4D echocardiographic and genetic study. *Eur Heart J*. 2014;35:1088–1089.
12. **Mincu RI**, Magda LS, Mihaila S, Florescu M, Mihalcea D, Enescu OA, A Chiru A, Popescu BO, Tiu C, Vinereanu D. Subclinical cardiac dysfunction in patients with multiple sclerosis. *Eur Heart J Cardiovasc Imaging*. 2013;14:ii20.
13. Magda SL, **Mincu RI**, Dumitrache Rujinski S, Constantinescu T, Mihaila S, Florescu M, Vinereanu D. Impaired left ventricular systolic function and increased arterial stiffness in patients with moderate-to-severe obstructive sleep apnea. *Eur Heart J*. 2013;34:309.
14. Mihaila S, **Mincu RI**, Rimbas RC, Badiu C, Vinereanu D. Adults with growth hormone deficiency have subclinical longitudinal left ventricular dysfunction, without significant vascular function impairment, suggesting intrinsic myocardial disease. *Eur Heart J*. 2013;34:122.
15. Magda SL, **Mincu RI**, Rujinsky SD, Constantinescu T, Mihaila S, Florescu M, Vinereanu D. Subclinical impairment of right ventricular function in patients with obstructive sleep apnea. *Circulation*. 2012;126:A14853.
16. Mihaila S, **Mincu RI**, Rimbas RC, Badiu C, Vinereanu D. Impaired left atrial function in adults with growth hormone deficiency related to both intrinsic contractile deficiency and left ventricular longitudinal dysfunction. *Circulation*. 2012;126:A14653.
17. **Mincu RI**, Magda SL, Dumitrache Rujinski S, Constantinescu T, Mihaila S, Ciobanu A, Florescu M, Vinereanu D. Obstructive sleep apnea determines endothelial dysfunction and increased arterial stiffness, similarly with diabetes mellitus. *Eur Heart J Cardiovasc Imaging*. 2012;13:i50.

VII Research Grants

- **Young Researcher Grant**, Faculty of Medicine, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania (2012)
- **Doctoral Research Grant** funded by the **Sectoral Operational Programme Human Resources Development (SOPHRD), POSDRU 141531**, Faculty of Medicine, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania (2014)
- **Research Grant Award / Fellowship of the European Society of Cardiology (ESC)**, West German Heart and Vascular Center, Department of Cardiology and Angiology, Essen, Germany
(*Supervisor: Prof. Dr. med. Tienush Rassaf; Mentor: Prof. Dr. med. Matthias Totzeck*) (2016)
- **Research Grant (1,9 Mio Euro) from the German Federal Ministry for Research, Technology and Space**. Group leader of the project „Artificial Intelligence–Supported Cardio-Oncology Follow-Up for Immune Checkpoint Inhibitor Therapy (I-CHECK-HEART)“, West German Heart and Vascular Center, Department of Cardiology and Angiology, Essen, Germany (2026 – 2029)

VIII Awards and Honors

- 2026 – Research Grant from the German Federal Ministry for Research, Technology and Space.
- 2019 – Josepha and Charlotte von Siebold Habilitation Fellowship, University Hospital Essen, Germany
- 2019 – MediMent Peer VI Mentorship Program, University Hospital Essen, Germany
- 2019 – European Society of Cardiology (ESC) Travel Award
- 2016 – Research Grant European Society of Cardiology
- 2016 – Best Oral Presentation Award, “3D-Echo 360 – From Innovation to Practice”, Padua, Italy
- 2012 – Hot Topic Article Award, European Congress of Echocardiography, Athens, Greece
- 2012 – Young Researcher Grant, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
- 2009 – Young Investigator Award, National Congress of Internal Medicine, Călimănești, Romania