



CANDIDAT : Dr. drd. Mohamed-Zakaria Assani

LISTA DE LUCRĂRI

1. 10 PUBLICAȚII_BREVETE_ALTE LUCRĂRI RELEVANTE PUBLICATE

1. **Mohamed-Zakaria Assani**, Marius Bogdan Novac, Anda Lorena Dijmărescu, Constantin-Cristian Văduva, Ionela Mihaela Vladu, Diana Clenciu, Adina Mitrea, Roxana-Viorela Ahritculesei, Alexandra-Stefania Stroe-Ionescu, Alexandru-Dan Assani, Daniel Cosmin Caragea, Mihail Virgil Boldeanu, Isabela Siloși, Lidia Boldeanu. *Potential Association Between Atherogenic Coefficient, Prognostic Nutritional Index, and Various Obesity Indices in Diabetic Nephropathy*. Nutrients. 2025 Apr 14;17(8):1339. doi: 10.3390/nu17081339
Published: 2025, IF 2025 = 5.000, Q1
(Primul autor);
<https://pubmed.ncbi.nlm.nih.gov/40284203/>
2. **Mohamed-Zakaria Assani**, Marius Bogdan Novac, Anda Lorena Dijmărescu, Alexandra-Stefania Stroe-Ionescu, Mihail Virgil Boldeanu, Isabela Siloși, Lidia Boldeanu. *Intersecting Pathways of Inflammation, Oxidative Stress, and Atherogenesis in the Evaluation of CKD: Emerging Biomarkers PCSK9, EPHX2, AOPPs, and TBARSs*. Life (Basel). 2025 Aug 13;15(8):1287. doi: 10.3390/life15081287.
Published: 2025, IF 2025 = 3.400, Q1
(Primul autor);
<https://pubmed.ncbi.nlm.nih.gov/40868936/>
3. **Mohamed-Zakaria Assani**, Lidia Boldeanu, Anda Lorena Dijmărescu, Daniel Cosmin Caragea, Ionela Mihaela Vladu, Diana Clenciu, Adina Mitrea, Alexandra-Ștefania Stroe-Ionescu, Mariana-Emilia Caragea, Isabela Siloși, Mihail Virgil Boldeanu. *Beyond HOMA-IR: Comparative Evaluation of Insulin Resistance and Anthropometric Indices Across Prediabetes and Type 2 Diabetes Mellitus in Metabolic Syndrome Patients*. Life (Basel). 2025 Nov 30;15(12):1845. doi: 10.3390/life15121845.
Published: 2025, IF 2025 = 3.400, Q1
(Primul autor);
<https://pubmed.ncbi.nlm.nih.gov/41465784/>
4. **Mohamed-Zakaria Assani**, Lidia Boldeanu, Maria-Magdalena Manolea, Mihail Virgil Boldeanu, Isabela Siloși, Alexandru-Dan Assani, Constantin-Cristian Văduva, Anda Lorena Dijmărescu. *From Molecular Insights to Clinical Management of Gestational Diabetes Mellitus—A Narrative Review*. Int J Mol Sci . 2025 Sep 7;26(17):8719. doi: 10.3390/ijms26178719.
Published: 2025, IF 2025 = 4.900, Q1
(Primul autor);
<https://pubmed.ncbi.nlm.nih.gov/40943638/>
5. Daniel Cosmin Caragea, Lidia Boldeanu, **Mohamed-Zakaria Assani**, Mariana-Emilia Caragea, Alexandra-Ștefania Stroe-Ionescu, Romeo Popa, Daniela-Teodora Maria, Vlad Pădureanu,





Cristin Constantin Vere, Mihail Virgil Boldeanu. *Assessment of AOPP, TBARS, and Inflammatory Status in Diabetic Nephropathy and Hemodialyzed Patients*. Int J Mol Sci . 2025 Nov 1;26(21):10670. doi: 10.3390/ijms262110670.

Published: 2025, IF 2025 = 4.900, Q1

(Primul autor corespondent);

<https://pubmed.ncbi.nlm.nih.gov/41226704/>

6. Lidia Boldeanu, **Mohamed-Zakaria Assani**, Mihail Virgil Boldeanu, Isabela Siloși, Maria-Magdalena Manolea, Constantin-Cristian Văduva and Anda Lorena Dijmărescu. *Cervical Cancer in the Era of HPV: Translating Molecular Mechanisms into Preventive Public Health Action*. Int J Mol Sci. 2025 Aug 30;26(17):8463. doi: 10.3390/ijms26178463.

Published: 2025, IF 2025 = 4.900, Q1

(Al doilea autor cu contribuții egale)

<https://pubmed.ncbi.nlm.nih.gov/40943384/>

7. Daniela Denisa Mitroi Sakizlian, Lidia Boldeanu, Diana Clenciu, Adina Mitrea, Ionela Mihaela Vladu, Alina Elena Ciobanu Plasiciuc, **Mohamed-Zakaria Assani**, Daniela Ciobanu. *Association of Circulating Irisin with Insulin Resistance and Metabolic Risk Markers in Prediabetic and Newly Diagnosed Type 2 Diabetes Patients*. Int J Mol Sci . 2026 Jan 13;27(2):787. doi: 10.3390/ijms27020787.

Published: 2025, IF 2025 = 4.900, Q1

(Al doilea autor corespondent)

<https://pubmed.ncbi.nlm.nih.gov/41596434/>

8. Daniela Denisa Mitroi Sakizlian, Lidia Boldeanu, Adina Mitrea, Diana Clenciu, Ionela Mihaela Vladu, Alina Elena Ciobanu Plasiciuc, Andra Veronica Sarla, Isabela Siloși, Mihail Virgil Boldeanu, **Mohamed-Zakaria Assani**, Daniela Ciobanu. *The Interplay of Cardiometabolic Syndrome Phenotypes and Cardiovascular Risk Indices in Patients Diagnosed with Diabetes Mellitus*. Int J Mol Sci . 2025 Jun 27;26(13):6227. doi: 10.3390/ijms26136227.

Published: 2025, IF 2025 = 4.900, Q1

(Al doilea autor corespondent)

<https://pubmed.ncbi.nlm.nih.gov/40650007/>

9. Roxana-Viorela Ahritculesei, Lidia Boldeanu, Anda Lorena Dijmărescu, **Mohamed-Zakaria Assani**, Mihail Virgil Boldeanu, Isabela Siloși, Cristin Constantin Vere. *Neurotransmitter Alterations in Prediabetes and Type 2 Diabetes Mellitus: A Narrative Review*. Int J Mol Sci . 2025 Aug 14;26(16):7847. doi: 10.3390/ijms26167847.

Published: 2025, IF 2025 = 4.900, Q1

(Al doilea autor corespondent);

<https://pubmed.ncbi.nlm.nih.gov/40869170/>

10. Roxana-Viorela Ahritculesei, Lidia Boldeanu, Daniel Cosmin Caragea, Ionela Mihaela Vladu, Diana Clenciu, Adina Mitrea, Anca Marilena Ungureanu, Constantin-Cristian Văduva, Anda Lorena Dijmărescu, Alin Iulian Silviu Popescu, **Mohamed-Zakaria Assani**, Mihail Virgil Boldeanu, Cristin Constantin Vere. *Association Between Pentraxins and Obesity in Prediabetes and Newly Diagnosed Type 2 Diabetes Mellitus Patients*. Int J Mol Sci . 2025 Apr 12;26(8):3661. doi: 10.3390/ijms26083661.





Published: 2025, IF 2025 = 4.900, Q1

(Al doilea autor corespondent);

<https://pubmed.ncbi.nlm.nih.gov/40332236/>

2. TEZA DE DOCTORAT

- În curs, 2024 – prezent
- Instituția organizatoare de doctorat: Universitatea de Medicină și Farmacie din Craiova
- Domeniul: Medicină
- Titlul tezei: **“Implicarea inflamației și a aterosclerozei în progresia bolilor renale cronice”**
- Conducător științific: Profesor universitar dr. *Mihail Virgil Boldeanu*

3. CĂRȚI ȘI CAPITOLE DE CĂRȚI

4. ARTICOLE/STUDII *IN EXTENSO*, PUBLICATE ÎN REVISTE COTATE ISI WEB OF SCIENCE, CORE COLLECTION, CLARIVATE ANALYTICS, CU FACTOR DE IMPACT, ÎN CALITATE DE AUTOR PRINCIPAL (primul autor, primul autor corespondent, ultimul autor) – 5 ARTICOLE

- 4.1. **Mohamed-Zakaria Assani**, Marius Bogdan Novac, Anda Lorena Dijmărescu, Constantin-Cristian Văduva, Ionela Mihaela Vladu, Diana Clenciu, Adina Mitrea, Roxana-Viorela Ahritculesei, Alexandra-Stefania Stroe-Ionescu, Alexandru-Dan Assani, Daniel Cosmin Caragea, Mihail Virgil Boldeanu, Isabela Siloși, Lidia Boldeanu. *Potential Association Between Atherogenic Coefficient, Prognostic Nutritional Index, and Various Obesity Indices in Diabetic Nephropathy*. *Nutrients*. 2025 Apr 14;17(8):1339. Doi: 10.3390/nu17081339
Published: 2025, IF 2025 = 5.000, Q1
(Primul autor);
<https://pubmed.ncbi.nlm.nih.gov/40284203/>
- 4.2. **Mohamed-Zakaria Assani**, Marius Bogdan Novac, Anda Lorena Dijmărescu, Alexandra-Stefania Stroe-Ionescu, Mihail Virgil Boldeanu, Isabela Siloși, Lidia Boldeanu. *Intersecting Pathways of Inflammation, Oxidative Stress, and Atherogenesis in the Evaluation of CKD: Emerging Biomarkers PCSK9, EPHX2, AOPPs, and TBARSs*. *Life* (Basel). 2025 Aug 13;15(8):1287. doi: 10.3390/life15081287.
Published: 2025, IF 2025 = 3.400, Q1
(Primul autor);
<https://pubmed.ncbi.nlm.nih.gov/40868936/>
- 4.3. **Mohamed-Zakaria Assani**, Lidia Boldeanu, Anda Lorena Dijmărescu, Daniel Cosmin Caragea, Ionela Mihaela Vladu, Diana Clenciu, Adina Mitrea, Alexandra-Ștefania Stroe-Ionescu, Mariana-Emilia Caragea, Isabela Siloși, Mihail Virgil Boldeanu. *Beyond HOMA-IR:*





Comparative Evaluation of Insulin Resistance and Anthropometric Indices Across Prediabetes and Type 2 Diabetes Mellitus in Metabolic Syndrome Patients. Life (Basel). 2025 Nov 30;15(12):1845. doi: 10.3390/life15121845.

Published: 2025, IF 2025 = 3.400, Q1

(Primul autor);

<https://pubmed.ncbi.nlm.nih.gov/41465784/>

- 4.4. **Mohamed-Zakaria Assani**, Lidia Boldeanu, Maria-Magdalena Manolea, Mihail Virgil Boldeanu, Isabela Siloși, Alexandru-Dan Assani, Constantin-Cristian Văduva, Anda Lorena Dijmărescu. *From Molecular Insights to Clinical Management of Gestational Diabetes Mellitus—A Narrative Review.* Int J Mol Sci . 2025 Sep 7;26(17):8719. doi: 10.3390/ijms26178719.

Published: 2025, IF 2025 = 4.900, Q1

(Primul autor);

<https://pubmed.ncbi.nlm.nih.gov/40943638/>

- 4.5. Daniel Cosmin Caragea, Lidia Boldeanu, **Mohamed-Zakaria Assani**, Mariana-Emilia Caragea, Alexandra-Ștefania Stroe-Ionescu, Romeo Popa, Daniela-Teodora Maria, Vlad Pădureanu, Cristin Constantin Vere, Mihail Virgil Boldeanu. *Assessment of AOPP, TBARS, and Inflammatory Status in Diabetic Nephropathy and Hemodialyzed Patients.* Int J Mol Sci . 2025 Nov 1;26(21):10670. doi: 10.3390/ijms262110670.

Published: 2025, IF 2025 = 4.900, Q1

(Primul autor corespondent);

<https://pubmed.ncbi.nlm.nih.gov/41226704/>

5. ARTICOLE/STUDII IN EXTENSO, PUBLICATE ÎN REVISTE COTATE ISI WEB OF SCIENCE, CORE COLLECTION, CLARIVATE ANALYTICS, CU FACTOR DE IMPACT, ÎN CALITATE DE COAUTOR – 12 ARTICOLE

- 5.1. Lidia Boldeanu, **Mohamed-Zakaria Assani**, Mihail Virgil Boldeanu, Isabela Siloși, Maria-Magdalena Manolea, Constantin-Cristian Văduva and Anda Lorena Dijmărescu. *Cervical Cancer in the Era of HPV: Translating Molecular Mechanisms into Preventive Public Health Action.* Int J Mol Sci. 2025 Aug 30;26(17):8463. doi: 10.3390/ijms26178463.

Published: 2025, IF 2025 = 4.900, Q1

(Al doilea autor cu contribuții egale)

<https://pubmed.ncbi.nlm.nih.gov/40943384/>

- 5.2. Daniela Denisa Mitroi Sakizlian, Lidia Boldeanu, Diana Clenciu, Adina Mitrea, Ionela Mihaela Vladu, Alina Elena Ciobanu Plasiciuc, **Mohamed-Zakaria Assani**, Daniela Ciobanu. *Association of Circulating Irisin with Insulin Resistance and Metabolic Risk Markers in Prediabetic and Newly Diagnosed Type 2 Diabetes Patients.* Int J Mol Sci . 2026 Jan 13;27(2):787. doi: 10.3390/ijms27020787.

Published: 2026, IF 2025 = 4.900, Q1

(Al doilea autor corespondent)

<https://pubmed.ncbi.nlm.nih.gov/41596434/>





- 5.3. Daniela Denisa Mitroi Sakizlian, Lidia Boldeanu, Adina Mitrea, Diana Clenciu, Ionela Mihaela Vladu, Alina Elena Ciobanu Plasiciuc, Andra Veronica Sarla, Isabela Siloși, Mihail Virgil Boldeanu, **Mohamed-Zakaria Assani**, Daniela Ciobanu. *The Interplay of Cardiometabolic Syndrome Phenotypes and Cardiovascular Risk Indices in Patients Diagnosed with Diabetes Mellitus*. Int J Mol Sci . 2025 Jun 27;26(13):6227. doi: 10.3390/ijms26136227.
Published: 2025, IF 2025 = 4.900, Q1
(Al doilea autor corespondent)
<https://pubmed.ncbi.nlm.nih.gov/40650007/>
- 5.4. Roxana-Viorela Ahritculesei, Lidia Boldeanu, Anda Lorena Dijmărescu, **Mohamed-Zakaria Assani**, Mihail Virgil Boldeanu, Isabela Siloși, Cristin Constantin Vere. *Neurotransmitter Alterations in Prediabetes and Type 2 Diabetes Mellitus: A Narrative Review*. Int J Mol Sci . 2025 Aug 14;26(16):7847. doi: 10.3390/ijms26167847.
Published: 2025, IF 2025 = 4.900, Q1
(Al doilea autor corespondent);
<https://pubmed.ncbi.nlm.nih.gov/40869170/>
- 5.5. Roxana-Viorela Ahrițculesei, Lidia Boldeanu, Daniel Cosmin Caragea, Ionela Mihaela Vladu, Diana Clenciu, Adina Mitrea, Anca Marilena Ungureanu, Constantin-Cristian Văduva, Anda Lorena Dijmărescu, Alin Iulian Silviu Popescu, **Mohamed-Zakaria Assani**, Mihail Virgil Boldeanu, Cristin Constantin Vere. *Association Between Pentraxins and Obesity in Prediabetes and Newly Diagnosed Type 2 Diabetes Mellitus Patients*. Int J Mol Sci . 2025 Apr 12;26(8):3661. doi: 10.3390/ijms26083661.
Published: 2025, IF 2025 = 4.900, Q1
(Al doilea autor corespondent);
<https://pubmed.ncbi.nlm.nih.gov/40332236/>
- 5.6. Lidia Boldeanu, Mihail Virgil Boldeanu, Marius Bogdan Novac, **Mohamed-Zakaria Assani**, Lucrețiu Radu. *Serratia marcescens: A Versatile Opportunistic Pathogen with Emerging Clinical and Biotechnological Significance*. Int J Mol Sci . 2025 Nov 27;26(23):11479. doi: 10.3390/ijms262311479.
Published: 2025, IF 2025 = 4.900, Q1
(Al doilea autor corespondent)
<https://pubmed.ncbi.nlm.nih.gov/41373635/>
- 5.7. Alexandru-Dan Assani, Lidia Boldeanu, Isabela Siloși, Mihail Virgil Boldeanu, Anda Lorena Dijmărescu, **Mohamed-Zakaria Assani**, Maria-Magdalena Manolea, Constantin-Cristian Văduva. *Pregnancy Under Pressure: Oxidative Stress as a Common Thread in Maternal Disorders*. Life (Basel) . 2025 Aug 26;15(9):1348. doi: 10.3390/life15091348.
Published: 2025, IF 2025 = 3.400, Q1
(Al doilea autor corespondent)
<https://pubmed.ncbi.nlm.nih.gov/41010290/>
- 5.8. Alexandru-Dan Assani, Lidia Boldeanu, Marius Bogdan Novac, **Mohamed-Zakaria Assani**, Isabela Siloși, Mihail Virgil Boldeanu, Anda Lorena Dijmărescu, Maria-Magdalena Manolea, Venera Cristina Dinescu, Constantin-Cristian Văduva. *Angiogenic Imbalance in*





Preeclampsia: Profiling VEGF A, sFlt1, PlGF, and sFlt1/PlGF Ratios. Int J Mol Sci . 2026 Mar 6;27(5):2438. doi: 10.3390/ijms27052438.

Published: 2026, IF 2025 = 4.900, Q1

(Coautor)

<https://pubmed.ncbi.nlm.nih.gov/41828656/>

- 5.9. Daniela Denisa Mitroi Sakizlian, Daniela Ciobanu, Lidia Boldeanu, **Mohamed-Zakaria Assani**, Isabela Siloși, Vlad Pădureanu, Daniel Cosmin Caragea, Venera Cristina Dinescu, Alina Elena Ciobanu Plasiciuc. *Circulating Adiponectin and Omentin Across Cardiometabolic Phenotypes: Links to Atherogenic Indices in Prediabetes and New-Onset Type 2.*

Published: 2026, IF 2025 = 4.900, Q1

(Coautor);

<https://pubmed.ncbi.nlm.nih.gov/41898422/>

- 5.10. Răzvan Alexandru Marinescu, Daniela Marinescu, Lidia Boldeanu, Ana-Maria Ciurea, Marius Bică, Ștefan Pătrașcu, Victor Dan Eugen Strâmbu, Petru Adrian Radu, Petrica Popa, **Mohamed-Zakaria Assani**, Mihail Virgil Boldeanu, Valeriu Șurlin. *Atherogenic Lipid Indices in Colorectal Cancer: Metabolic Associations and Survival.* Diagnostics (Basel) . 2026 Mar 9;16(5):810. doi: 10.3390/diagnostics16050810.

Published: 2026, IF 2025 = 3.300, Q1

(Coautor);

<https://pubmed.ncbi.nlm.nih.gov/41828085/>

- 5.11. Roxana Viorela Ahrițculesei, Lidia Boldeanu, **Mohamed-Zakaria Assani**, Adina Mitrea, Cosmin Vasile Obleaga, Ionela Mihaela Vladu, Diana Clenciu, Mihail Virgil Boldeanu, Cristin Constantin Vere. *Neurotransmitter Levels (Dopamine, Epinephrine, Norepinephrine, Serotonin) and Associations with Lipid Profiles in Patients with Prediabetes or Newly Diagnosed Type 2 Diabetes Mellitus.* Int J Mol Sci . 2025 Oct 16;26(20):10068. doi: 10.3390/ijms262010068.

Published: 2025, IF 2025 = 4.900, Q1

(Coautor);

<https://pubmed.ncbi.nlm.nih.gov/41155361/>

- 5.12. Alexandra-Ștefania Stroe-Ionescu, Alina Daniela Tănase, Ionela Rotaru, Janina-Georgiana Goanță, Ana Maria Pătrașcu, Mihail Virgil Boldeanu, **Mohamed-Zakaria Assani**, Isabela Siloși, Lidia Boldeanu, Daniela-Teodora Maria. *Adipose Tissue-Derived Mediators in Multiple Myeloma: Linking Obesity to Bone Disease via Inflammatory Pathways.* Int J Mol Sci . 2025 Jun 11;26(12):5618. doi: 10.3390/ijms26125618.

Published: 2025, IF 2025 = 4.900, Q1

(Coautor);

<https://pubmed.ncbi.nlm.nih.gov/40565082/>

6. ARTICOLE/STUDII IN EXTENSO, PUBLICATE ÎN REVISTE COTATE ISI WEB OF SCIENCE, CORE COLLECTION, CLARIVATE ANALYTICS, FĂRĂ FACTOR DE IMPACT, ÎN CALITATE DE COAUTOR





—

7. ARTICOLE/STUDII *IN EXTENSO*, PUBLICATE ÎN REVISTE ȘI VOLUME (PROCEEDINGS) ALE MANIFESTĂRILOR ȘTIINȚIFICE INDEXATE ISI WEB OF SCIENCE, CORE COLLECTION

—

8. ARTICOLE/STUDII *IN EXTENSO* PUBLICATE ÎN REVISTE INDEXATE BDI/CNCSIS

—

9. ARTICOLE PUBLICATE ÎN REZUMAT ÎN REVISTE ȘI VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE CU ISBN SAU ISSN

—

10. GRANTURI/PROIECTE CÂȘTIGATE PRIN COMPETIȚIE (CA DIRECTOR/RESPONSABIL PROIECT/MEMBRU)

—

11. PREMII

- Câștigător al Premiului pentru cel mai bun poster în cadrul celei de-A 16-a Conferință Națională a Asociației de Medicină de Laborator din România. Câștigător al Premiului pentru cel mai bun poster (Premiul “Marcela Zamfirescu Gheorghiu”) în cadrul celei de-A 16-a Conferință Națională a Asociației de Medicină de Laborator din România 2025, cu participare internațională.

Data,

30.04.2026

Semnătura,

Dr. drd. Mohamed-Zakaria Assani

