



MONICA-SIMINA MIHUȚA

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PROFESSIONAL EXPERIENCE

20.02.2026	SCOPE Certified Strategic Centre for Obesity Professional Education programme - World Obesity Federation
14.07.2025	Certificate of Complementary Studies in General Ultrasonography, Level I+II Session 15.05.2025
01.01.2025 -Present	Specialist in Pediatrics Pediatrics Department, Pius Brânzeu" Emergency Clinical County Hospital, 1-3 Evlia Celebi Street, 300226, Timisoara, România
01.10.2024 -Present	Assistant Professor, II-nd Clinic of Pediatrics „Victor Babeș” University of Medicine and Pharmacy XI-th Departament - Pediatrics
01.04.2023 -31.12.2024	On-call Contract in Pediatrics (Specialist in Pediatrics) Pediatrics Department, Pius Brânzeu" Emergency Clinical County Hospital, 1-3 Evlia Celebi Street, 300226, Timisoara, România
01.01.2024 -31.01.2024	Resident Physician in Medical Genetics „Louis Țurcanu” Emergency Children’s Hospital, Medical Genetics Department, 2 Dr. Iosif Nemoianu Street, 300011, Timișoara
June 2023 Present	Member of the Board of Directors of ENDOPED, serving as Secretary Romanian Society of Pediatric Diabetes, Nutrition and Endocrinology www.endoped.ro 1-3 Evlia Celebi Street, 300226, Timisoara, România
01.10.2020 -4.12.2023	Doctoral Research Doctoral School of the “Victor Babeș” University of Medicine and Pharmacy, P-ța Eftimie Murgu, no. 2, 300041, Timișoara, România
01.01.2019 -31.12.2023	Resident Physician in Pediatrics Employer - „Louis Țurcanu” Emergency Children’s Hospital, 2 Dr. Iosif Nemoianu Street, 300011, Timișoara Assigned for training in the Pediatrics Department, Pius Brânzeu" Emergency Clinical County Hospital, 1-3 Evlia Celebi Street, 300226, Timisoara, România
22.09.2014 -01.12.2018	English translator SC Manufactura Magura SRL - 7 Zootehniei Street, 315700, Sebiș, Arad, România – facilitating work meetings, ensuring communication with foreign partners and clients, and translating documents.

EDUCATION AND TRAINING

20.02.2026	SCOPE Certified (World Obesity Federation)
1.10.2024 -20.01.2025	Certificate of Complementary Studies in General Ultrasonography, Level I+II
Jan 2025 -Present	Resident Physician in Endocrinology
Jan 2024 -Dec 2024	Resident Physician in Medical Genetics
Feb 2024	PhD in Medicine (Summa cum laudae)
Jan 2024	Specialist in Pediatrics
2019-2023	Resident Physician in Pediatrics
2012–2018	Degree of Doctor of Medicine (MD) Faculty of Medicine, „Victor Babeş” University of Medicine and Pharmacy
2008–2012	Theoretical High School, professional linguistic certification – English language „Moise Nicoară” National College, Arad, Natural Sciences track, English bilingual program

PERSONAL SKILLS

Native language Romanian

Foreign languages English – level C2

Certificate in Advanced English (CAE) – GRADE A (Cambridge ESOL Level 3), 2011

Business English Certificate Higher (BEC)– GRADE C (Cambridge ESOL Level 2), 2010;

Communication skills

Excellent teamwork abilities developed through numerous collaborative projects.

Strong communication and interpersonal skills with children, developed through volunteer work and further consolidated during medical school and residency through direct patient interaction.

Very good written and oral communication skills, developed through experience as an English translator and during doctoral studies by presenting scientific results at national and international scientific meetings.

Organisational skills

Member of the Board of Directors (Secretary) of the Romanian Society of Pediatric Diabetes, Nutrition and Endocrinology (ENDOPED) since June 2023.

Digital skills

Advanced user of Microsoft Office (ECDL Core Certificate – 2012).

Medical biostatistics skills

Experienced user of statistical analysis methods and software (Microsoft Excel, MedCalc, SPSS, Datatab).

ADDITIONAL INFORMATION

Publications

In extenso scientific articles, principal/lead author:

- Pescari D, **Mihuta S**, Bena A, Pui R, Paul C and Stoian D (2026) Nutrition-induced remission of type 2 diabetes: mechanisms, clinical evidence, and future directions—a mini review. *Front. Clin. Diabetes Healthc.* 7:1792614. doi: 10.3389/fcdhc.2026.1792614
- Stoian D, Pescari D, Bena A, Paul C and **Mihuta S**. Integrating TMAO into the pathogenesis of obesity and type 2 diabetes: a mini review. *Front. Clin. Diabetes Healthc.* 2026; 7:1765794. doi: 10.3389/fcdhc.2026.1765794
- Pescari D, **Mihuta MS***, Bena A, Stoian D. Comparative Effects of Time-Restricted Eating and the Ketogenic Diet on QRISK3-Assessed Cardiovascular Risk in Individuals with Obesity: A Longitudinal Analysis of Metabolic, Anthropometric, and Lifestyle Factors. *Nutrients.* 2025; 17(12):1963. <https://doi.org/10.3390/nu17121963>
- Pescari D, **Mihuta MS***, Bena A, Stoian D. Independent Predictors of Circulating Trimethylamine N-Oxide (TMAO) and Resistin Levels in Subjects with Obesity: Associations with Carotid Intima-Media Thickness and Metabolic Parameters. *Nutrients.* 2025; 17(5):798. <https://doi.org/10.3390/nu17050798>
- Pescari D, **Mihuta MS***, Bena A and Stoian D. Quantitative analysis of the caloric restriction versus isocaloric diets models based on macronutrients composition: impacts on body weight regulation, anthropometric, and bioimpedance parameters in women with obesity. *Front. Nutr.*, 2024, 11:1493954. doi: 10.3389/fnut.2024.1493954
- Pescari D, **Mihuta MS***, Bena A, Stoian D. Comparative Analysis of Dietary Habits and Obesity Prediction: Body Mass Index Versus Body Fat Percentage Classification Using Bioelectrical Impedance Analysis. *Nutrients.* 2024; 16(19):3291. <https://doi.org/10.3390/nu16193291>
- Latia M, Borlea A, **Mihuta MS***, Neagoe OC, Stoian D. Impact of Ultrasound Elastography in Evaluating Bethesda Category IV Thyroid Nodules with Histopathological Correlation. *Front. Endocrinol.* 2024. 15. <https://doi.org/10.3389/fendo.2024.1393982>
- Mihuta MS**, Paul C*, Borlea A, Roi CM, Pescari D, Velea-Barta O-A, Mozos I and Stoian D. Connections between serum trimethylamine N-Oxide (TMAO) a gut-derived metabolite vascular biomarkers evaluating arterial stiffness subclinical atherosclerosis in children with obesity. *Front. Endocrinol.* 2023, 14:1253584. <https://doi.org/10.3389/fendo.2023.1253584>
- Mihuta MS**, Paul C*, Borlea A, Roi CM, Velea-Barta O-A, Mozos I, Stoian D. Unveiling the Silent Danger of Childhood Obesity: Non-Invasive Biomarkers Such as Carotid Intima-Media Thickness, Arterial Stiffness Surrogate Markers, and Blood Pressure Are Useful in Detecting Early Vascular Alterations in Obese Children. *Biomedicines.* 2023; 11(7):1841. <https://doi.org/10.3390/biomedicines11071841>
- Mihuta MS**, Stoian D*, Borlea A, Roi CM, Velea-Barta O-A, Mozos I, Paul C. Evaluating the Arterial Stiffness as a Useful Tool in the Management of Obese Children. *Children.* 2023; 10(2):183. <https://doi.org/10.3390/children10020183>
- Mihuta MS**, Paul C*, Borlea A, Cepeha CM, Velea IP, Mozos I, Stoian D. The Oscillometric Pulse Wave Analysis Is Useful in Evaluating the Arterial Stiffness of Obese Children with Relevant Cardiometabolic Risks. *Journal of Clinical Medicine.* 2022; 11(17):5078. <https://doi.org/10.3390/jcm11175078>
- Mihuta M-S**, Paul C*, Ciulpan A, Dacca F, Velea IP, Mozos I, Stoian D. Subclinical Atherosclerosis Progression in Obese Children with Relevant Cardiometabolic Risk Factors Can Be Assessed through Carotid Intima Media Thickness. *Applied Sciences.* 2021; 11(22):10721. <https://doi.org/10.3390/app112210721>
- (* correspondence author)

In extenso scientific articles, co-author:

- Mihuta C, Socaci A, Hogeia P, Tudorache E, **Mihuta MS**, Oancea C. Comparative Insights into COVID-19 and Tuberculosis: Clinical Manifestations, Inflammatory Markers, and Outcomes in Pulmonary Versus Extrapulmonary Tuberculosis and SARS-CoV-2 Co-Infection. *Journal of Clinical Medicine.* 2025; 14(8):2782. <https://doi.org/10.3390/jcm14082782>
- Pescari D, Borlea A, Paul C, **Mihuta SM**, Mozos I, Stoian D. Dietary Patterns and Behavioral Factors Among Adults with Obesity and Overweight in Western Romania: A Retrospective Observational Study. *Timisoara Medical Journal.* 2025; 2025(1):1, DOI: 10.35995/tmj20250101
- Mihuta C, Socaci A, Hogeia P, Tudorache E, **Mihuta MS**, Oancea C. Colliding Challenges Part 2: An Analysis of SARS-CoV-2 Infection in Patients with Extrapulmonary Tuberculosis Versus SARS-CoV-2 Infection Alone. *Medicina.* 2024; 60(12):2071. <https://doi.org/10.3390/medicina60122071>
- Pescari D, Borlea A, **Mihuta S**, Stoian D. Development of a comprehensive risk prediction model for arterial stiffness assessment in individuals with obesity. *Front. Med.* 2024; 11:1430437. <https://doi.org/10.3389/fmed.2024.1430437>
- Mihuta C, Socaci A*, Hogeia P, Tudorache E, **Mihuta MS**, Oancea C. Colliding Challenges: An Analysis of SARS-CoV-2 Infection in Patients with Pulmonary Tuberculosis versus SARS-CoV-2 Infection Alone. *Medicina.* 2024; 60(5):823. <https://doi.org/10.3390/medicina60050823>
- Roi CM, Borlea A*, **Mihuta MS**, Paul C, Stoian D. A Comparative Analysis of Strain and 2D Shear Wave Elastography in the Diagnosis of Autoimmune Thyroiditis in Pediatric Patients. *Biomedicines.* 2023; 11(7):1970. <https://doi.org/10.3390/biomedicines11071970>
- Sărăndan S, Negru R, Marșavina L, **Mihuta MS**, Șerban DA. Numerical analysis of a Rugby union protective headgear under impact loading. *Materials Today: Proceedings*, 2023, Vol. 78, Part 2, Pages 319-325, <https://doi.org/10.1016/j.matpr.2022.11.500>.
- Cepeha CM, Paul C*, Borlea A, Bende R, **Mihuta MS**, Stoian D. Is Strain Elastography Useful in Diagnosing Chronic Autoimmune Thyroiditis in Children? *Appl. Sci.* 2022, 12, 8881. <https://doi.org/10.3390/app12178881>

Book chapters in international academic publishing houses:

-**Simina Mihuta M**, Paul C, Borlea A, Mihaela Roi C, Pescari D, Stoian D. Childhood Obesity: Systemic Complications, Early Atherosclerosis and the Value of Carotid Intima-Media Thickness [Internet]. Ultrasound - The Next Step in Clinical Evaluation [Working Title]. IntechOpen; 2025. DOI: 10.5772/intechopen.1009275

-Mihaela Roi C, Bena A, **Mihuta S**, Paul C, Liana Stoian D. Thyroid Elastography: A Window to Hashimoto's Thyroiditis in Children [Internet]. Ultrasound - The Next Step in Clinical Evaluation. IntechOpen; 2025. Available from: <http://dx.doi.org/10.5772/intechopen.1013538>

Book chapters in national academic publishing houses (ISBN):

-Velea I, **Mihuța MS**. Diabetul la copii și adolescenți. În: Timar B, redactor. Tratat de Diabet, Nutriție și Boli Metabolice. Timișoara: Editura Victor Babeș; 2025. Secțiunea 23, p. 677-85. ISBN 978-606-786-533-2.

-Paul C, **Mihuța MS**. Management of children with Silver Russel Syndrome. CURRENT TRENDS IN PEDIATRIC ENDOCRINOLOGY AND DIABETES (ISBN 978-973-52-2111-9), editors Velea IP, Paul C, Brink S, Ed. Mirton, Timișoara, 2024, chapter 2, p.41-53

-Velea I, **Mihuța MS**, Velea-Barta OA. The brain and diabetes in children. CURRENT TRENDS IN PEDIATRIC ENDOCRINOLOGY AND DIABETES (ISBN 978-973-52-2111-9), editors Velea IP, Paul C, Brink S, Ed. Mirton, Timișoara, 2024, chapter 7, p. 119-136

- **Mihuța MS**, Paul C, Velea-Barta OA, Stoian D. The role of gut microbiota in childhood obesity. CURRENT TRENDS IN PEDIATRIC ENDOCRINOLOGY AND DIABETES (ISBN 978-973-52-2111-9), editors Velea IP, Paul C, Brink S, Ed. Mirton, Timișoara, 2024, chapter 10, p. 165-184

- Paul C, **Mihuța MS**, Roi, CM, Stoian D. Delayed puberty in girls. In PEDIATRIC ENDOCRINOLOGY AND DIABETES 2023 UPDATE (ISBN 978-973-52-2069-3), editors Velea IP, Paul C, Brink S, Ed. Mirton, Timișoara, 2023, chapter 2, p33-49.

- Velea, I, Velea-Barta OA, **Mihuța MS**. The Use of CGMS in children with diabetes mellitus type 1: between challenges and benefits. In PEDIATRIC ENDOCRINOLOGY AND DIABETES 2023 UPDATE (ISBN 978-973-52-2069-3), editors Velea IP, Paul C, Brink S, Ed. Mirton, Timișoara, 2023, chapter 5, p87-106.

- Paul C, **Mihuța MS**. Challenges in the management of Graves disease in adolescents. In PEDIATRIC ENDOCRINOLOGY AND DIABETES 2022 UPDATE (ISBN 978-973-52-2033-4), Velea IP, Paul C, Brink S, Ed. Mirton, Timișoara, 2022, chapter 2, p41-65.

- Paul C, **Mihuța MS**. Update in hypophosphatemic rickets. In PEDIATRIC ENDOCRINOLOGY AND DIABETES 2021 UPDATE (ISBN 978-973-52-1987-1), editors Velea IP, Paul C, Brink S. Ed. Mirton, Timișoara, 2021, chapter 5, p137-156.

Prizes:

-UEFISCDI Prizes (2023)

- Subclinical Atherosclerosis Progression in Obese Children with Relevant Cardiometabolic Risk Factors Can Be Assessed through Carotid Intima Media Thickness. Applied Sciences, 2021, 11 (22):10721. Autori: Monica-Simina Mihuta, Corina Paul*, Adrian Ciulpan, Farrah Dacca, Iulian Puiu Velea, Ioana Mozos, Dana Stoian. (NR. CRT. 1073, PN-IV-P2-2.3-PRECISI-2023-85371)
- The Oscillometric Pulse Wave Analysis Is Useful in Evaluating the Arterial Stiffness of Obese Children with Relevant Cardiometabolic Risks. Journal of Clinical Medicine, 2022, 11(17):5078. Autori: Monica Simina Mihuta, Corina Paul*, Andreea Borlea, Cristina Mihaela Cepeha, Iulian Puiu Velea, Ioana Mozos, Dana Stoian. (NR. CRT. 4696, PN-IV-P2-2.3-PRECISI-2023-85383)

-**Youth Award conferred by the Romanian Society of Pediatric Diabetes, Nutrition and Endocrinology (ENDOPEDE)** during the 9th National Congress of Pediatric Diabetes, Nutrition and Endocrinology with international participation (November 2–5, 2022), for outstanding results in scientific research in the field of pediatric endocrinology and diabetes.

-**Third Prize** for the paper "Subclinical progression of atherosclerosis in obese children with relevant cardiometabolic risk factors can be determined using the carotid intima-media thickness ratio", presented at the Young Endocrinologists Forum (December 10–11, 2021).

Congress Participation, Conferences and Seminars

-Forumul Tinerilor Endocrinologi, Brașov (4-5.12.2025)

Oral presentation: The Origins of Atherosclerosis: Vascular Health Impairment in Childhood Obesity. Autori: Monica-Simina Mihuța, Denisa Pescari, Dana Stoian

-Atelierul de Endocrinologie Pediatrică, ediția a 7-a, Rucăr (13-16.11.2025)

Lector invitat: Steatoza hepatică asociată disfuncției metabolice (MASLD) din obezitatea infantilă: diagnostic, management și capcane

-Al 23-lea Congres Național FRDNBM, Cluj-Napoca (05-08.11.2025)

Lector invitat: Rezistența la insulină în cazul copiilor cu obezitate – veriga cheie în MASLD, SOPC și hipercortizolismul reactiv

-**PNEUMOPED 2025 - Conferința Națională cu Participare Internațională de Pneumologie Pediatrică și Fibroză Chistică Timișoara 2025, Timișoara (08-11.20.2025)**

-Simpozion Medical organizat de Spitalul de Boli Cronice Sebiș, Primăria Sebiș și Consiliul Local (03.10.2025)

Lector invitat: Prea mult, prea devreme! Apel la acțiune pentru copiii cu obezitate din comunitatea noastră!

- The 12th ESE Young Endocrinologists and Scientists (EYES) Meeting, Milano, Italia (26-28.09.2025)

Oral presentation: OC 27: TMAO and Carotid Intima-Media Thickness: Markers of Metabolic and Vascular Dysfunction in Pediatric and Adult Obesity.

- Al 33-lea Congres Național al Societății Române de Endocrinologie, Timișoara, (29.06-2.07.2025)

Oral Presentation: Gut-Derived Trimethylamine N-Oxide and Carotid Intima-Media Thickness: Markers of Cardiometabolic and Vascular Dysfunction in Pediatric and Adult Obesity. Autori: Monica Simina Mihuta, Denisa Pescari, Corina Paul, Dana Stoian

Oral Presentation: Quantitative analysis of calorie restriction vs. isocaloric diets among obese women. Autori: Denisa Pescari, Monica Simina Mihuta, Andreea Bena, Dana Stoian

Poster: LATE-ONSET CONGENITAL ADRENAL HYPERPLASIA – AN ATYPICAL CAUSE OF PRIMARY AMENORRHEA. Autori: Iulia-Ștefania Plotuna, Monica Simina Mihuta, Melania Balaș, Ioana Golu, Daniela Amzar, Corina Paul, Mihaela Vlad

-Școala de vară de gastroenterologie și nutriție pediatrică, Timișoara, (29-31.05.2025).

Plenary lecture: Obezitatea copilului -o perspectivă pentru pediatrii gastroenterologi.

-The 32nd European Congress on Obesity– ECO 2025, Malaga, Spania (11-14.05.2025)

Oral Presentation AD03.03: Serum Trimethylamine N-Oxide, a Predictor of Vascular Damage in Children Living with Obesity. Autori: Monica Simina Mihuta, Denisa Pescari, Corina Paul, Dana Stoian

Poster P03.161: Childhood Obesity Through a Clinical Lens: Exploring Causes, Challenges, and Consequences. Autori: Monica Simina Mihuta, Denisa Pescari, Dana Stoian, Corina Paul

Poster P03.169: The Silent Threat: How Childhood Obesity and Insulin Resistance Shape Arterial Health. Autori: Monica Simina Mihuta, Denisa Pescari, Corina Paul, Dana Stoian

Poster P03.170: The Early Burden of Childhood Obesity: Exploring Arterial Stiffness, Subclinical Atherosclerosis, and Preventable Risk Factors. Autori: Monica Simina Mihuta, Denisa Pescari, Corina Paul, Dana Stoian

Poster P04.001: Comprehensive Correlation and Predictive Analysis of TMAO and Resistin as Biomarkers of Cardiometabolic Risk Factors: Development of Significant Independent Predictors and Evaluation of Cardiometabolic Risk. Autori: Dana Stoian, Monica Simina Mihuta, Andreea Bena, Denisa Pescari

Poster P04.024: Quantitative Analysis of the Caloric Restriction versus Isocaloric Diets Models based on Macronutrients Composition: Impacts on Body Weight Regulation, Anthropometric and Bioimpedance Parameters in Women with Obesity. Autori: Denisa Pescari, Monica Simina Mihuta, Andreea Bena, Dana Stoian

Poster P04.025: Comparative Analysis of Dietary Habits and Obesity Prediction: Body Mass Index versus Body Fat Percentage Classification Using Bioelectric al Impedance Analysis. Autori: Denisa Pescari, Monica Simina Mihuta, Andreea Bena, Dana Stoian

Poster P04.026: Development of a Comprehensive Risk Prediction Model for Arterial Stiffness Assessment in Individuals with Obesity. Autori: Dana Stoian, Monica Simina Mihuta, Andreea Bena, Denisa Pescari

- Joint Congress of ESPE and ESE 2025, Copenhaga, Danemarca (10-13.05.2025)

Poster 752: Metabolic-Associated Steatotic Liver Disease and Arterial Stiffness in Obese Children: Early Cardiometabolic Insights - A preliminary study. Autori: Monica Simina Mihuta, Corina Paul, Cristina Ilies, Ioana Mozos, Dana Stoian (Endocrine Abstracts (2025) 110 P752 | DOI: 10.1530/endoabs.110.P752)

E-Poster 258: The management of X-Linked Hypophosphatemia: Oral phosphate and calcitriol supplementation vs. Burosumab. A case report. Autori: Cristina Ilies, Monica-Simina Mihuta, Orsolya Olah, Ioana-Monica Mozos, Adela Chirita-Emandi, Corina Paul (Endocrine Abstracts (2025) 110 P752 | DOI: 10.1530/endoabs.110.P752)

E-Poster 580: Delayed Diagnosis of an Optic Chiasm Germinoma in a Child: Clinical Evolution and Metabolic Consequences. Autori: Orsolya Olah, Monica-Simina Mihuta, Cristina Ilies, Estera Boeriu, Corina Paul. (Endocrine Abstracts (2025) 110 EP580 | DOI: 10.1530/endoabs.110.EP580)

- Al 12-lea Congres Național de Diabet, Nutriție și Endocrinologie Pediatrică, Timișoara, (2-5.04.2025)

Plenary lecture (P.L. 11): The Visceralization of Childhood Obesity: Insulin Resistance as a Key Driver of MASLD, PCOS, Reactive Hypercortisolism, and Early Atherosclerosis.

- The 62nd Annual ESPE (ESPE 2024), Liverpool (16-18.11.2024)

Poster P2-104: Silent Dangers: How Insulin Resistance and Trimethylamine N-Oxide Fuel Early Atherosclerosis in Obese Children. A preliminary study. Autori: Monica Simina Mihuta, Dana Stoian, Corina Paul (ESPE Abstracts, 2024, 98 P2-104)

-Atelierul de Endocrinologie pediatrică, ediția a 6-a, Vințu de Jos (2-5.10.2024).

Prezentare orală: Obezitatea infantile – ETIOLOGIE, DIAGNOSTIC, COMPLICAȚII -o serie de cazuri

-Al 11-lea Congres Național de Diabet, Nutriție și Endocrinologie Pediatrică, Timișoara, (17-20.04.2024)

Plenary lecture (P.L. 22): BEYOND CALORIES: NAVIGATING THE INTRICATE ROLE OF GUT MICROBIOTA IN CHILDHOOD OBESITY. Autori: Simina Mihuța, Corina Paul, Iulian Velea, Cristina Roi, Dana Stoian.

Plenary lecture (P.L. 24): MANAGEMENT OF THE CHILD WITH RUSSEL SILVER SYNDROME. Autori: Corina Paul, Monica Simina Mihuța

Plenary lecture (P.L. 02): THE BRAIN AND DIABETES IN CHILDREN. Autori: Iulian Velea, Monica Simina Mișuța

-Al 10-lea Congres Național de Diabet, Nutriție și Endocrinologie Pediatrică, Timișoara, (7-10.06.2023)

Prezentare orală O.P.12: THE HOLISTIC APPROACH TO THE CARDIOVASCULAR RISK ASSOCIATED WITH CHILDHOOD OBESITY. Autori: Monica Simina Mișuța, Corina Paul, Iulian Puiu Velea, Cristina Mihaela Roi, Dana Stoian

Poster presentation P.P.02: PITUITARY STALK INTERRUPTION SYNDROME -CASE REPORT. Autori: Denisa Nistoran, Simina Mișuța, Cristina Roi, Corina Paul

E-poster e.P.05 CHALLENGES IN THE MANAGEMENT OF A PATIENT WITH CHEMO-RADIO TREATED GERMINOMA. Autori: Cristina Mihaela Roi, Dana Stoian, Monica Simina Mișuța, Iulian Velea, Estera Boeriu, Corina Paul

-The 34th Congress of European Federation of Societies for Ultrasound in Medicine and Biology EUROSON 2023, Riga, Lituania, (25-27.05.2023):

E-Poster: SIGNIFICANT RISK FACTORS FOR THE INCREASE OF ARTERIAL STIFFNESS AND SUBCLINICAL ATHEROSCLEROSIS IN OBESE CHILDREN. Autori: Monica Simina Mihuta, Andreea Borlea, Corina Paul, Cristina Mihaela Roi, Dana Stoian

E-Poster: THE CAROTID INTIMA-MEDIA THICKNESS AND THE PULSE WAVE ANALYSIS: NON-INVASIVE METHODS OF EVALUATION OF THE VASCULAR DAMAGE IN OBESE CHILDREN. Autori: Monica Simina Mihuta, Andreea Borlea, Corina Paul, Cristina Mihaela Roi, Dana Stoian

-Al 49-lea Congres național al Societății Române de Diabet, Nutriție și Boli Metabolice, Poiana Brașov, (21-24.05.2023)

Prezentare orală: Insulin resistance, a major determinant of arterial stiffness in obese children. Autori: Monica-Simina Mișuța, Corina Paul, Andreea Borlea, Iulian Velea, Dana Stoian

-Al 20-lea Congres Național al Federației Române de Diabet, Nutriție și Boli Metabolice, Cluj-Napoca, (9-12.11.2022)

Lector invitat: Metode non-invasive de evaluare a afectării vasculare la copiii obezi. Autor: Monica Simina Mihuta

-Al 9-lea Congres Național de Diabet, Nutriție și Endocrinologie Pediatrică, cu participare internațională, Timișoara (2-5.11.2022)

Prezentare orală O.P. 04: CARDIOMETABOLIC RISK PREDICTION IN OBESE PEDIATRIC PATIENTS. Autori: Dana Stoian, Monica Simina Mihuta, Corina Paul, Iulian Puiu Velea

Prezentare orală J.D.05: SHORT STATURE AND DELAYED PUBERTY: A CASE REPORT. Autori: Monica-Simina Mihuta, Dana Stoian, Cristina Mihaela Cepeha, Corina Paul (

Plenary lecture P.L. 09: CHALLENGES IN THE MANAGEMENT OF GRAVES DISEASE IN ADOLESCENTS. Autori: Corina Paul, Monica Simina Mihuta, Cristina Mihaela Cepeha

Prezentare orală J.D.01: ADRENAL TUMOR IN A 1-YEAR-OLD BOY – CASE REPORT. Autori: Cristina Mihaela Cepeha, Dana Stoian, Monica-Simina Mihuta, Corina Paul

-PneumoPed TM 2022 & Congresul Național de Fibroză Chistică, Ediția a IV-a, Timișoara (20-22.10.2022)

-The 60th European Society for Paediatric Endocrinology (ESPE 2022), Rome (15-17.09.2022)

Poster științific (P923): Two causes of short stature and delayed puberty in one patient: craniopharyngioma and celiac disease. A case report. Autori: Monica-Simina Mihuta, Dana Stoian, Cristina Mihaela Cepeha, Corina Paul

-Al 48-lea Congres Național al Societății Române de Diabet, Nutriție și Boli Metabolice, Poiana Brașov (4-7.09.2022)

Prezentare orală (lucrare originală): THE CAROTID INTIMA-MEDIA THICKNESS CAN PREDICT SUBCLINICAL ATHEROSCLEROSIS PROGRESSION WHEN CORRELATED TO IDENTIFIABLE CARDIOMETABOLIC RISK FACTORS IN OBESE CHILDREN. Autori: Monica-Simina Mihuta, Corina Paul, Andreea Borlea, Cristina Mihaela Cepeha, Dana Stoian

- The 20th International Congress of Endocrinology (25-28.08.2022)

E-Poster (PP192): CORRELATING THE CAROTID INTIMA-MEDIA THICKNESS WITH CARDIO-METABOLIC RISK FACTORS IS USEFUL IN ASSESSING SUBCLINICAL ATHEROSCLEROSIS PROGRESSION IN OBESE CHILDREN. Autori: Monica-Simina Mișuța, Corina Paul, Andreea Borlea, Cristina Mihaela Cepeha, Dana Stoian.

E-Poster (PP193): THE CAROTID INTIMA MEDIA THICKNESS - A VALUABLE TOOL IN ASSESSING SUBCLINICAL ATHEROSCLEROSIS PROGRESSION IN OBESE CHILDREN. Autori: Monica-Simina Mișuța, Corina Paul, Andreea Borlea, Cristina Mihaela Cepeha, Dana Stoian.

-Al 30-lea Congres Național al Societății Române de Endocrinologie, București (19-22.06.2022),

Poster științific: INDEXUL INTIMĂ-MEDIE CAROTIDIAN ESTE UTIL ÎN EVALUAREA RISCULUI CARDIOMETABOLIC LA COPIII OBEZI. Autori: Monica-Simina Mihuta, Corina Paul, Cristina Mihaela Cepeha, Dana Stoian

Poster științific: UTILITATEA INDEXULUI INTIMĂ-MEDIE CAROTIDIAN ÎN EVALUAREA PROGRESIEI ATEROSCLEROZEI SUBCLINICE LA COPIII OBEZI PRIN CORELAREA CU FACTORI DE RISC CARDIOMETABOLICI IDENTIFICABILI PRIN ANAMNEZĂ. Autori: Monica-Simina Mihuta, Corina Paul, Cristina Mihaela Cepeha, Dana Stoian

-A VI-a ediție a Forumului Științific Național al Tinerilor Medici Diabetologi – YoungDIAB 2022 (7-9.07.2022)

Prezentare orală: Durere abdominală recurentă și diabet zaharat tip 1 la copil.

-The 18th World Federation for Ultrasound in Medicine and Biology Congress/ The 33rd EUROSON Congress/ The 25th National SRUMB Conference (25-28.05.2022):

Prezentare orală: IDENTIFIABLE CARDIOMETABOLIC RISK FACTORS CAN PREDICT SUBCLINICAL ATHEROSCLEROSIS PROGRESSION IN OBESE CHILDREN WHEN CORRELATED TO CAROTID INTIMA-MEDIA THICKNESS MEASUREMENT;
Poster științific: CAROTID INTIMA MEDIA THICKNESS IS A VALUABLE TOOL FOR THE ASSESSMENT OF CARDIOMETABOLIC RISK IN OBESE CHILDREN.

- Atelierul de Endocrinologie pediatrică, ediția a 4-a, Sovata (12-14.05.2022).

Prezentare orală: Două cauze de hipostatură și retard pubertar: craniofaringioma și boala celiacă - prezentare de caz

- Webinarul Ecografia Pediatrică EDUSON (7.01.2022).

- Forumul Tinerilor Endocrinologi (10-11.12.2021): Prezentare științifică (premiul al III-lea): Progresia subclinică a aterosclerozei la copiii obezi cu factori de risc cardio-metabolic relevanți poate fi determinată prin raportul intima-medie carotidian.

- Al 8-lea Congres Național de Diabet, Nutriție și Endocrinologie Pediatrică, Timișoara (4-9.10.2021):

Prezentare științifică + poster: Craniopharyngioma: Considerations about late diagnosis;

Prezentare științifică + poster: Virilizing syndrome in a case of secreting adrenal adenoma associated with cystic teratoma - A case report.

- 19th International Congress of Endocrinology, 4th Latin American Congress of Endocrinology and 13th Congress of the Argentine Federation of Endocrinology Societies, 24-28.02.2021.

-Al XI-lea Curs de Ecografie Doppler Carotidiană, 25.11.2020, în cadrul Congresului Național al Societății Române de Chirurgie Vasculară 2020.

- Al 7-lea Congres Național de Diabet, Nutriție și Endocrinologie Pediatrică, Timișoara (18-21.11.2020); Prezentare științifică + poster: Diagnostic challenges of an atypical case of hypophosphatemic rickets: A case report; **Poster științific:** When tall stature is unrelated to the growth hormone: A case of XYY Syndrome.

- Al XIV-lea Congres Național de Pediatrie, Cluj-Napoca (11-14.09.2019) – Poster științific: Multiple Pituitary Hormone Deficiency - Empty Sella Syndrome - A case report.

- Al 6-lea Congres Național de Diabet, Nutriție și Endocrinologie Pediatrică, Timișoara (10-13.04.2019) – parte din comitetul de organizare; Poster științific: Analysis of the Metabolic Syndrome within the Evolution of Childhood Obesity.

- Al 4-lea Congres Național de Diabet, Nutriție și Endocrinologie Pediatrică, Timișoara, 11-13.05.2017;

- Certificare în elastografie hepatică, Euroson School - European Federation of Societies for Ultrasound in Medicine and Biology, Timișoara, 18-19.11.2016;

- HEART-Healthcare, Education and Research Talks Conference, Timișoara, 8.04.2016;

- Conferința „The Management of the Burned Patient” - Burns Not Only Leave Scars”, Timișoara, 12.03.2016;

- The XIXth International Congress for Medical Students and Young Doctors - MEDIS 2016, Timișoara, 3-6.03.2016;

- The First Euroregional Conference for PhD Students and Young Researchers in Biomedicine, Timișoara, 27-28.03.2015;

- Prevention in Chronic Kidney Disease, Timișoara, 12.03.2015;

- The XVIIIth International Congress for Medical Students and Young Doctors - MEDIS 2014, Lucrare științifică- CC3. Atrial Fibrillation with Hypothyroidism, Timișoara, 24-27.04.2014;

Courses Attended

-Postgraduate Course – Updates in Pediatric Endocrine-Metabolic Disorders: Growth Delay and Excess Weight, II Pediatric Clinic, “Victor Babeș” University of Medicine and Pharmacy, Timișoara (11–12 June 2025)

-Postgraduate Course – Advances in Endocrine Ultrasound and Elastography, Department of Endocrinology, “Victor Babeș” University of Medicine and Pharmacy, Timișoara (7–9 March 2024)

-Postgraduate Course – Nutrition in the First Two Years of Life: From Healthy Feeding to Special Diets in Pediatric Practice, Department of Pediatrics, “Victor Babeș” University of Medicine and Pharmacy, Timișoara (13–15 February 2024)

-Course – Use of Technology (Insulin Pump, Continuous Glucose Monitoring Systems) in Pediatric Diabetes Management, Timișoara (1–2 November 2022)

-Postgraduate Course – Endocrine Ultrasound (online), Department of Endocrinology, “Victor Babeș” University of Medicine and Pharmacy, Timișoara (5–6 February 2021)

-Carotid Doppler Ultrasound Course, within the Romanian Society of Cardiovascular Surgery National Congress 2020 (24 November 2020)

Courses Taught (Lecturer)

-Pediatric Diabetology Certification – Module 3, “Victor Babeș” University of Medicine and Pharmacy (15 Nov 2024 – 30 Apr 2025)

- Childhood Obesity: Definition, Classification, Diagnosis, and Treatment
- Primary Childhood Obesity: Course, Complications, and Follow-up
- Metabolic Syndrome in Children: Definition, Diagnosis, Epidemiology, Impact, Therapeutic Approach, and Follow-up

Membership in Professional Societies – 2026

-European Society for Paediatric Endocrinology (ESPE)

-European Society of Endocrinology (ESE)

-Societatea Română de Diabet, Nutriție și Endocrinologie Pediatrică (ENDOPED), Member of the Executive Board (Secretary)

-Societatea Română de Endocrinologie (SRE)

-European Society of Human Genetics (ESHG)