

LISTĂ COMPLETĂ LUCRĂRI - Dr. Cristian Guja

A. Teză de doctorat:

„Epidemiologia genetică a diabetului zaharat de tip 1 în România” – Conducător de Doctorat: Prof. Dr. Constantin Ciufecu, Catedra Epidemiologie UMF „Carol Davila” București, 2003

B. Cărți și capitole de carte medicală:

Capitol în Tratat în Edituri Internaționale - Coautor:

1. **Guja C**, Ionescu-Tîrgoviște C. (2005) Endothelial dysfunction and type 2 diabetes mellitus. În: *Vascular involvement in diabetes: Clinical, Experimental and Beyond*. Cheța D ed. Editura Academiei, București și S. Karger AG Basel, Elveția, pp 203-221, ISBN: 973-27-1120-5; ISBN: 3-8055-7962-4
2. Cucca F, **Guja C**. (2010) Genetic factors in the etiology of autoimmune type 1 diabetes. In: Cheța D (ed). *Genetics of diabetes. The Truth Unveiled*. Ed Acad Rom, București & S. Karger AG, Basel Elveția, pp. 31-130, ISBN: 978-973-27-1901-5; ISBN: 978-3-8055-9436-3
3. Cimponeriu D, Crăciun A-M, Apostol P, Radu I, **Guja C**, Cheța D. (2010) The genetic background of diabetes chronic complications. In: Cheța D (ed). *Genetics of diabetes. The Truth Unveiled*. Ed Acad Rom, București & S. Karger AG, Basel, Elveția, pp. 193-334, ISBN: 978-973-27-1901-5; ISBN: 978-3-8055-9436-3
4. Pop-Bușui R, Dragomir A, **Guja C**, Cheța D. (2010) Genetic features of the main comorbidities in diabetes. In: Cheța D (ed). *Genetics of diabetes. The Truth Unveiled*. Ed Acad Rom, București & S. Karger AG, Basel, Elveția, pp. 335-368, ISBN: 978-973-27-1901-5; ISBN: 978-3-8055-9436-3
5. Heltianu I, **Guja C**, Manea S-A. (2011) Genetic Determinants of Microvascular Complications in Type 1 Diabetes. In: Wagner D (ed.) *Type 1 Diabetes Complications*. Ed. InTech, Rijeka, Croatia, 2011, pp 3-28, ISSN 978-953-307-788-8

Capitole în Tratat în Edituri Naționale – Autor unic:

1. **Guja C**. (2004) Etiopatogenia diabetului zaharat tip 1. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 487-504, ISBN: 973-27-1097-7
2. **Guja C**. (2004) Pompa de insulină. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 1265-1272, ISBN: 973-27-1097-7
3. **Guja C**. (2010) Factorul genetic în diabetul zaharat tip 1. In: Șerban V (ed) *Tratat Român de Boli Metabolice Vol. 1*. Editura Brumar, Timișoara, 2010, pp. 149-158. ISBN 978-973-602-527-3
4. **Guja C**. (2010) Predispoziția genetică în diabetul zaharat tip 2. In: Șerban V (ed) *Tratat Român de Boli Metabolice Vol. 1*. Editura Brumar, Timișoara, 2010, pp. 179-184. ISBN 978-973-602-527-3
5. **Guja C** (2017) Acidoza Lactica. In: Dorobantu M (ed) *Urgente Medicale* Editura Medicala, Bucuresti, 2017

6. **Guja C** (2018) Etiopatogenia diabetului zaharat tip 1 – Factorii genetici. In: Velea IP (Ed) *Boli Metabolice la Copil*. Editura Mirton, Timisoara, România, 2018, pp 77-108. ISBN: 978-973-52-71800-3

Capitole în Tratat în Edituri Naționale – Coautor:

1. **Guja C**, Ionescu-Tîrgoviște C. (2004) Epidemiologia diabetului zaharat. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 447-470, ISBN: 973-27-1097-7
2. **Guja C**, Ionescu-Tîrgoviște C. (2004) Diabetul de tip MODY. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 547-554, ISBN: 973-27-1097-7
3. **Guja C**, Ionescu-Tîrgoviște C. (2004) Genetica diabetului zaharat și a complicațiilor sale. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 555-584, ISBN: 973-27-1097-7
4. Ionescu-Tîrgoviște C, **Guja C**, Brădescu O. (2004) Insulinorezistența „obișnuită” și „severă”. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 677-684, ISBN: 973-27-1097-7
5. Ionescu-Tîrgoviște C, **Guja C**. (2004) Celula endotelială. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 791-810, ISBN: 973-27-1097-7
6. Ionescu-Tîrgoviște C, Georgescu O, **Guja C**. (2004) Modificările osteo-articulare în diabetul zaharat. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 1097-1104, ISBN: 973-27-1097-7
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8. Ionescu-Tîrgoviște C, Brădescu O, Alexandru C, **Guja C**, Pencea C. (2004) Coma diabetică cetoacidotică. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 1133-1144, ISBN: 973-27-1097-7
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11. Ionescu-Tîrgoviște C, Brădescu O, Alexandru C, **Guja C**, Pencea C. (2004) Hipoglicemiile și coma hipoglicemică. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 1157-1168, ISBN: 973-27-1097-7
12. **Guja C**, Ioacă S, Ionescu-Tîrgoviște C. (2004) Monitorizarea continuă a glicemiei. În: *Tratat de Diabet Paulescu*. Ionescu-Tîrgoviște C ed. Editura Academiei, București, România. pp 1273-1280, ISBN: 973-27-1097-7
13. **Guja C**, Ionescu-Tîrgoviște C. (2004) Chronic angiopathic complications in type 1 diabetes across Europe as a result of EURODIAB multicentric study. În: *Cellular dysfunction in atherosclerosis and diabetes*. Simionescu M, Sima A and Popov D eds. Editura Academiei, București România. pp 408-421, ISBN: 973-27-1100-0
14. **Guja C**, Guja L, Ionescu-Tîrgoviște C. (2014) Genetic factors in the pathogenesis of diabetic kidney disease. An Up-To-Date. In: Cheța DM (ed). Diabetes Complications. New Explanations and Solutions. AGIR, 2014, pp. 426-439.

Monografie/Alte Cărți în edituri naționale - Autor Unic:

1. **Cristian Guja.** *Factori genetici implicați în etiopatogenia diabetului zaharat de tip 1.* Editura Academiei Române, București, 2006, ISBN: 973-27-1359-3; ISBN: 978-973-27-1359-4
2. **Cristian Guja.** *Actualități în genetica diabetului zaharat de tip 1.* Editura Ilex, București, 2012, ISBN: 978-973-7928-80-1

Monografie/Alte Cărți/Manuale în edituri naționale - Coautor:

1. Constantin Ionescu-Tîrgoviște, Rucsandra Dănciulescu, **Cristian Guja**, Carmina Alexandru. (2002) *Diabetul Zaharat - Particularități fenotipice la sexul feminin.* Editura Ilex, București, 2002, ISBN: 973-85511-4-5
2. Constantin Ionescu-Tîrgoviște, Radu Lichiardopol, **Cristian Guja.** (2003) *Diabetul Zaharat. Manual pentru studenți.* Editura Medicală Amaltea, București, 2003, ISBN: 973-9397-86-7
3. Constantin Ionescu-Tîrgoviște, Radu Lichiardopol, **Cristian Guja.** (2003) *Diabetul Zaharat.* Editura Amaltea, București, 2003, ISBN: 973-9397-58-1
4. Constantin Ionescu-Tîrgoviște, **Cristian Guja**, Sorin Ioacă. (2005) *Documents regarding the discovery of insulin and its clinical utilisation.* Editura Academiei Române și Editura Ilex, București, 2005, ISBN: 973-27-1228-7; ISBN: 973-7928-02-4
5. Constantin Ionescu-Tîrgoviște, Radu Lichiardopol, **Cristian Guja.** (2007) *Diabetul Zaharat. Manual pentru studenți, medici de familie și rezidenți.* Editura Ilex, București, 2007, ISBN: 978-973-7928-16-0

Monografie/Alte Cărți/Manuale în edituri naționale – Autor/Coautor capitole:

1. **Guja C.** (2010) Noi tehnologii în îngrijirea diabetului: pompa de insulină și sistemele de monitorizare continuă a glicemiei. In: Moța M (coord.) *Ghidul Educatorului pentru Educația Terapeutică a Pacientului cu Diabet.* Ed ILEX, București, 2010, pp 152-168. ISBN 978-973-7928-52-8
2. Guja L, Carniciu S, Drăgana N, **Guja C.** (2017) Despre patogenia tulburărilor metabolice. In: Kozma A, Glavce C, Bălăceanu-Stolnici C (coord.) *Antropologie și Educație.* Ed Academiei Române, București, 2017, pp 388-393, ISBN: 978-973-27-2758-4
3. **Guja C** (2018) Diabetul zaharat: Definiție, clasificare și forme clinice. Prevenția diabetului zaharat. In Serafinceanu C (coord) *Diabet zaharat, nutriție și boli metabolice – Compendiu.* Ed NICULESCU, București, 2018, pp 25-34. ISBN: 978-973-748-898-5
4. Florențiu A, **Guja C** (2018) Etiopatogenia diabetului zaharat de tip 1 și de tip 2. In Serafinceanu C (coord) *Diabet zaharat, nutriție și boli metabolice – Compendiu.* Ed NICULESCU, București, 2018, pp 39-55. ISBN: 978-973-748-898-5
5. Mihai A, **Guja C** (2018) Ținte terapeutice și principalele studii randomizate în diabetul zaharat. In Serafinceanu C (coord) *Diabet zaharat, nutriție și boli metabolice – Compendiu.* Ed NICULESCU, București, 2018, pp. 113-119. ISBN: 978-973-748-898-5

C. Articole/studii in extenso publicate în reviste cotate ISI, indexate PubMed sau alte BDI, CNCSIS:

C1. Articole in extenso în reviste indexate cotate ISI Thomson Reuters (cu factor de impact) publicate ca autor principal

1. Ionescu-Tîrgoviște C, **Guja C**, Călin A, Moța M. An increasing trend in the incidence of type 1 diabetes in children aged 0 – 14 years in Romania. Ten years (1988 – 1997) EURODIAB study experience. *J Ped Endocrinol Metab* 2004, 17(7): 983-991. IMPACT FACTOR 0.903
2. **Guja C**, Guja L, Nutland S, Rance H, Sebastien M, Todd JA, Ionescu-Tirgoviste C. Type 1 diabetes genetic susceptibility encoded by HLA DQB1 genes in Romania. *J Cell Mol Med* 2004, 8(2): 249-256. IMPACT FACTOR 2.153
3. Ioacara S, Ionescu-Tirgoviste C, **Guja C**. Life expectancy in adult diabetes patients treated with insulin from diagnosis. *Acta Endocrinologica (Buc)* 2012, 8(1): 153-162. IMPACT FACTOR 0.450
4. Culman M, Serafinceanu C*, Mihai A, **Guja C**. Sleep apnea syndrome in diabetic patients. *Rom J Legal Med* 2013, 21(1): 47-50. IMPACT FACTOR 0.152
5. Culman M, **Guja C***, Mihai A, Serafinceanu C. Depression screening and risk profile in diabetic patients. *Rom J Legal Med* 2013, 21(3): 197-200. IMPACT FACTOR 0.152
6. Ionescu-Tirgoviste C, Gagniu PA, **Guja C**. A challenge for the autoimmune diabetogenic mechanism in type 1 diabetes? *Acta Endocrinologica (Buc)* 2014, 10(3): 317-328. IMPACT FACTOR 0.268
7. Ioacara S, **Guja C***, Reghina A, Martin S, Sirbu A, Fica S. Cardiovascular mortality in type 2 diabetes patients with incident exposure to insulin glargine. *J Diabetes Res* 2015, 2015: 962346. IMPACT FACTOR 2.431
8. Ionescu-Tîrgoviște C, Gagniu PA, **Guja C**. Structural properties of gene promoters highlight more than two phenotypes of diabetes. *PLoS One* 2015, 10(9): e0137950. IMPACT FACTOR 3.057
9. Lixandru D, Moraru L, Alexandru P, Stoian I, Roșca A, Ghiță M, Căruntu C, Căruntu A, Ionescu- Tîrgoviște C, **Guja C**. Implications of antioxidant enzyme paraoxonase 2 in insulin synthesis and secretion. *Rev Chim (Bucharest)* 2016, 67(11): 2332-2336. IMPACT FACTOR 1.232
10. Doroș R, Lixandru D, Moraru L, Petcu L, Tudosoiu J, Mitu M, Picu A, Ionescu- Tîrgoviște C, **Guja C**. Resting metabolic rate in type 2 diabetes – accuracy of predictive equations. *Rom Biotechnol Lett* 2016, 21(6): 12033-12038. IMPACT FACTOR 0.396
11. Ștefan DS, Mihai A, Bajko D, Lixandru D, Petcu L, Picu A, Smeu B, Copăescu C, Ionescu-Tîrgoviște C, **Guja C**. Comparison of sleeve gastrectomy and conservatory treatment effect on biochemical and hormonal profile of obese type 2 diabetes subjects: CREDOR randomized controlled study results. *Rev Chim (Bucharest)* 2017, 68(7): 1622-1627. IMPACT FACTOR 1.412
12. Ioacără S, **Guja C***, Georgescu O, Martin S, Sîrbu A, Purcaru M, Fica S. Patients treated with insulin and sulphonylurea are at increased mortality risk as compared with those treated with insulin plus metformin. *Acta Endocrinologica (Buc)* 2017, 13(3): 329-333. IMPACT FACTOR 0.411
13. Ioacără S, **Guja C***, Reghină A, Martin S, Sîrbu A, Fica S. All-cause and cardiovascular mortality associated with sulphonylurea and metformin therapy in type 2 diabetes. *Endocrine Research* 2018, 43(2): 97-105. IMPACT FACTOR 1.518
14. Frías JP, Hardy E, Ahmed A, Öhman P, Jabbour S, Wang H, **Guja C**. (2018) Effects of exenatide once weekly plus dapagliflozin, exenatide once weekly, or dapagliflozin added to metformin monotherapy in subgroups of patients with type 2 diabetes in the DURATION-8

randomized controlled trial. *Diabetes Obes Metab* 2018, 20(6): 1520-1525. IMPACT FACTOR 5.980

15. Guja C, Frías JP, Somogyi A, Jabbour S, Wang H, Hardy E, Rosenstock J. Effect of exenatide QW or placebo, both added to titrated insulin glargine, in uncontrolled type 2 diabetes: the DURATION-7 randomized study. *Diabetes Obes Metab* 2018, 20(7): 1602-1614. IMPACT FACTOR 5.980

16. Jabbour SA, Frías JP, Hardy E, Ahmed A, Wang H, Öhman P, **Guja C**. Safety and efficacy of exenatide once weekly plus dapagliflozin once daily versus exenatide or dapagliflozin alone in patients with type 2 diabetes inadequately controlled with metformin monotherapy: 52-week results of the DURATION-8 randomized controlled trial. *Diabetes Care* 2018, Aug 6. pii: dc180680. doi: 10.2337/dc18-0680. (online ahead of print) IMPACT FACTOR 13.397

C2. Articole în extenso în reviste indexate cotate ISI Thomson Reuters (cu factor de impact) publicate drept coautor

1. Herr M, Dudbridge F, Zavattari P, Cucca F, **Guja C**, March R, Campbell RD, Barnett AH, Bain SC, Todd JA, Koeleman BP. Evaluation of fine mapping strategies for a multifactorial disease locus: systematic linkage and association analysis of IDDM1 in the HLA region on chromosome 6p21. *Hum Mol Genet* 2000, 9(9): 1291-301. IMPACT FACTOR 9.048

2. Ionescu-Tîrgoviște C, **Guja C**, Herr M, Cucca F, Welsh K, Bunce M, Marshall S, Todd JA. Low frequency of HLA DRB1*03 - DQB1*02 and DQB1*0302 haplotypes in Romania is consistent with the country's low incidence of type 1 diabetes. *Diabetologia* 2001, 44 [Suppl 3]: B60-B66. IMPACT FACTOR 6.299

3. Dahlman I, Eaves IA, Kosoy R, Morrison VA, Heward J, Gough SC, Allahabadia A, Franklyn JA, Tuomilehto J, Tuomilehto-Wolf E, Cucca F, **Guja C**, Ionescu-Tîrgoviste C, Stevens H, Carr P, Nutland S, McKinney P, Shield JP, Wang W, Cordell HJ, Walker N, Todd JA, Concannon P. (2002) Parameters for reliable results in genetic association studies in common disease. *Nat Genet* 2002, 30(2): 149-150. IMPACT FACTOR 26.711

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5. Ueda H, Howson JMM, Esposito L, Heward J, Snook H, Chamberlain G, Rainbow DB, Hunter KMD, Smith AN, Di Genova G, Herr MH, Dahlman I, Payne F, Smyth D, Lowe C, Twells RCJ, Howlett S, Healy B, Nutland S, Rance HE, Everett V, Smink LJ, Lam AC, Cordell HJ, Walker NM, Bordin C, Hulme J, Motzo C, Cucca F, Hess JF, Metzker ML, Rogers J, Gregory S, Allahabadia A, Nithiyananthan R, Tuomilehto-Wolf E, Tuomilehto J, Bingley P, Gillespie KM, Undlien DE, Rønningen KS, **Guja C**, Ionescu-Tîrgoviște C, Savage DA, Maxwell AP, Carson DJ, Patterson CC, Franklyn JA, Clayton DG, Peterson LB, Wicker LS, Todd JA, Gough SCL. Association of the T-cell regulatory gene CTLA4 with susceptibility to autoimmune disease. *Nature* 2003, 423(6939): 506-511. IMPACT FACTOR 30.979

6. Nejentsev S, **Guja C**, McCormack R, Cooper J, Howson JMM, Nutland S, Rance H, Walker N, Undlien D, Rønningen KS, Tuomilehto-Wolf E, Tuomilehto J, Ionescu-Tîrgoviște C, Gale EAM, Bingley PJ, Gillespie KM, Savage DA, Carson DJ, Patterson CC, Maxwell AP, Todd JA. Association of intercellular adhesion molecule-1 gene with type 1 diabetes. *Lancet* 2003, 362(9397): 1723-1724. IMPACT FACTOR 18.316

7. Eftychi C, Howson JMM, Barratt B, Vella A, Payne F, Smyth DJ, Twells RCJ, Walker NM, Rance H, Tuomilehto-Wolf E, Tuomilehto J, Undlien DE, Rønningen KS, **Guja C**, Ionescu-Tîrgoviște C, Savage D, Todd JA. Analysis of the type 2 diabetes - associated single nucleotide

polymorphisms in the genes IRS1, KCNJ11, and PPARG2 in type 1 diabetes. *Diabetes* 2004, 53(3): 870-873. IMPACT FACTOR 8.848

8. Vella A, Howson JMM, Barratt B, Twells RCJ, Rance H, Nutland S, Tuomilehto-Wolf E, Tuomilehto J, Undlien DE, Rønningen KS, **Guja C**, Ionescu-Tîrgoviște C, Savage D, Todd JA. Lack of association of the Ala⁴⁵Thr polymorphism and other common variants of the NeuroD gene with type 1 diabetes. *Diabetes* 2004, 53(4): 1158-1161. IMPACT FACTOR 8.848

9. Lowe CE, Cooper JD, Chapman JM, Barratt BJ, Twells RCJ, Green EA, Savage DA, **Guja C**, Ionescu-Tîrgoviște C, Tuomilehto-Wolf E, Tuomilehto J, Todd JA, Clayton DG. Cost-effective analysis of candidate genes using htSNPs: a staged approach. *Genes Immun* 2004, 5(4): 301–305. IMPACT FACTOR 3.718

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12. Hulme JS, Barratt BJ, Twells RCJ, Cooper JD, Lowe CE, Howson JMM, Lam AC, Smink L, Savage DA, Undlien DE, **Guja C**, Ionescu-Tîrgoviște C, Tuomilehto-Wolf E, Tuomilehto J, Todd JA. Association analysis of the lymphocyte-specific protein tyrosine kinase (LKC) gene in type 1 diabetes. *Diabetes* 2004, 53(9): 2479-2482. IMPACT FACTOR 8.848

13. Nejentsev S, Cooper JD, Godfrey L, Howson JM, Rance H, Nutland S, Walker NM, **Guja C**, Ionescu-Tîrgoviste C, Savage DA, Undlien DE, Ronningen KS, Tuomilehto-Wolf E, Tuomilehto J, Gillespie KM, Ring SM, Strachan DP, Widmer B, Dunger D, Todd JA. Analysis of the vitamin D receptor gene sequence variants in type 1 diabetes. *Diabetes* 2004, 53(10): 2709-2712. IMPACT FACTOR 8.848

14. Smyth D, Cooper JD, Collins JE, Heward JM, Franklyn JA, Howson JM, Vella A, Nutland S, Rance HE, Maier L, Barratt BJ, **Guja C**, Ionescu-Tîrgoviste C, Savage DA, Dunger DB, Widmer B, Strachan DP, Ring SM, Walker N, Clayton DG, Twells RC, Gough SC, Todd JA. Replication of an association between the lymphoid tyrosine phosphatase locus (LYP/PTPN22) with type 1 diabetes, and evidence for its role as a general autoimmunity locus. *Diabetes* 2004, 53(11): 3020-3023. IMPACT FACTOR 8.848

15. Maier LM, Smyth DJ, Vella A, Payne F, Cooper JD, Pask R, Lowe C, Hulme J, Smink LJ, Fraser H, Moule C, Hunter KM, Chamberlain G, Walker N, Nutland S, Undlien DE, Ronningen KS, **Guja C**, Ionescu-Tîrgoviste C, Savage DA, Strachan DP, Peterson LB, Todd JA, Wicker LS, Twells RC. Construction and analysis of tag single nucleotide polymorphism maps for six human-mouse orthologous candidate genes in type 1 diabetes. *BMC Genet* 2005, 6:9. IMPACT FACTOR 1.769

16. Smyth DJ, Howson JM, Lowe CE, Walker NM, Lam AC, Nutland S, Hutchings J, Tuomilehto-Wolf E, Tuomilehto J, **Guja C**, Ionescu-Tîrgoviste C, Undlien DE, Ronningen KS, Savage D, Dunger DB, Twells RC, McArdle WL, Strachan DP, Todd JA. Assessing the validity of the association between the SUMO4 M55V variant and risk of type 1 diabetes. *Nat Genet* 2005, 37(2): 110-111. IMPACT FACTOR 25.797

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C3. Articole în extenso publicate în reviste cotate ISI Thomson Reuters (cu factor de impact) ca membru în grupul de studiu EURODIAB PCS (Prospective Complications Study).

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C4. Articolu în extenso publicat în reviste cotate ISI Thomson Reuters (cu factor de impact) ca membru în grupul de studiu T1DGC (Type 1 Diabetes Genetics Consortium).

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E. Alte lucrări și contribuții științifice:

E1. Articole in extenso publicate în Reviste naționale de prestigiu neindexate CNCSIS

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25.09.2018

