



# Georgiana Cabău

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## EDUCAȚIE ȘI FORMARE PROFESIONALĂ

01/10/2018 – ÎN CURS

**DOCTOR ÎN MEDICINĂ (PH.D.)** Universitatea de Medicină și Farmacie Iuliu Hațieganu

01/01/2018 – 31/03/2022 Cluj-Napoca, România

**MEDIC SPECIALIST GENETICA MEDICALĂ** Spitalul Clinic de Urgență pentru Copii

01/10/2011 – 30/09/2017 Cluj-Napoca, România

**DOCTOR MEDIC** Universitatea de Medicină și Farmacie Iuliu Hațieganu

## EXPERIENȚA PROFESIONALĂ

01/06/2019 – ÎN CURS Cluj-Napoca, România

**ASISTENT CERCETARE ȘTIINȚIFICĂ (DOCTORAND)** UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE IULIU HAȚIEGANU

01/09/2023 Oslo, Norvegia

**RESEARCH FELLOW** OSLO UNIVERSITY HOSPITAL

15/09/2022 – 31/08/2023 Cluj-Napoca, România

**CONSULTANT ȘTIINȚIFIC** QIAGEN INGENUITY SYSTEMS

01/07/2020 – 30/09/2020 Nijmegen, Țările de Jos

**CERCETATOR DOCTORAND** RADBOD UNIVERSITY MEDICAL CENTER

01/10/2018 – 31/03/2022 Cluj-Napoca, România

**MEDIC REZIDENT GENETICĂ MEDICALĂ** SPITALUL CLINIC DE URGENȚĂ PENTRU COPII

## PUBLICAȚII

### Long-Lasting Enhanced Cytokine Responses Following SARS-CoV-2 BNT162b2 mRNA Vaccination

**Cabău, G.**, Badii, M., Mirea, A. M., Gaal, O. I., van Emst, L., Popp, R. A., Crișan, T. O., & Joosten, L. A. B. (2024). Long-Lasting Enhanced Cytokine Responses Following SARS-CoV-2 BNT162b2 mRNA Vaccination. *Vaccines*, 12(7), 736. <https://doi.org/10.3390/vaccines12070736>

### Hyperuricemia remodels the serum proteome toward a higher inflammatory state

**Cabău, G.**, Gaal, O., Badii, M., Nica, V., Mirea, A. M., Hotea, I., HINT-consortium, Pamfil, C., Popp, R. A., Netea, M. G., Rednic, S., Crișan, T. O., & Joosten, L. A. B. (2023). Hyperuricemia remodels the serum proteome toward a higher inflammatory state. *iScience*, 26(10), 107909. <https://doi.org/10.1016/j.isci.2023.107909>

### TGF-β is elevated in hyperuricemic individuals and mediates urate-induced hyperinflammatory phenotype in human mononuclear cells

Klück, V., **Cabău, G\***, Mies, L. *et al.* TGF-β is elevated in hyperuricemic individuals and mediates urate-induced hyperinflammatory phenotype in human mononuclear cells. *Arthritis Res Ther* 25, 30 (2023). <https://doi.org/10.1186/s13075-023-03001-1>

\*shared first authorship

### Urate-induced immune programming: Consequences for gouty arthritis and hyperuricemia

**Cabău, G.**, Crișan, TO, Klück, V, Popp, RA, Joosten, LAB. Urate-induced immune programming: Consequences for gouty arthritis and hyperuricemia. *Immunol Rev*. 2020; 294: 92– 105. <https://doi.org/10.1111/imr.12833>

### GWAS-identified hyperuricemia-associated IGF1R variant rs6598541 has a limited role in urate mediated inflammation in human mononuclear cells

Gaal, O. I., Liu, R., Marginean, D., Badii, M., **Cabău, G.**, Hotea, I., Nica, V., Colcear, D., HINT Consortium, Pamfil, C., Merriman, T. R., Rednic, S., Popp, R. A., Crișan, T. O., & Joosten, L. A. B. (2024). GWAS-identified hyperuricemia-associated IGF1R variant rs6598541 has a limited role in urate mediated inflammation in human mononuclear cells. *Scientific reports*, 14(1), 3565. <https://doi.org/10.1038/s41598-024-53209-7>

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### Regulation of SOCS3-STAT3 in urate-induced cytokine production in human myeloid cells

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Badii, M., Klück, V., Gaal, O., **Cabău, G.**, Hotea, I., Nica, V., Mirea, A. M., Bojan, A., Zdrenghea, M., HINT Consortium, Novakovic, B., Merriman, T. R., Liu, Z., Li, Y., Xu, C. J., Pamfil, C., Rednic, S., Popp, R. A., Crișan, T. O., & Joosten, L. A. B. (2024). Regulation of SOCS3-STAT3 in urate-induced cytokine production in human myeloid cells. *Joint bone spine*, 91(3), 105698. <https://doi.org/10.1016/j.jbspin.2024.105698>

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### Increased Levels of VCAM-1 in Patients with High Cardiovascular Risk and Obstructive Sleep Apnea Syndrome

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Chetan, I. M., Vesa, Ș. C., Domokos Gergely, B., Beyer, R. S., Tomoaia, R., **Cabau, G.**, Vulturar, D. M., Pop, D., & Todea, D. (2023). Increased Levels of VCAM-1 in Patients with High Cardiovascular Risk and Obstructive Sleep Apnea Syndrome. *Biomedicines*, 12(1), 48. <https://doi.org/10.3390/biomedicines12010048>

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### The role of 3D speckle tracking echocardiography in the diagnosis of obstructive sleep apnea and its severity

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Chetan, I. M., Gergely-Domokos, B., Beyer, R., Tomoaia, R., **Cabau, G.**, Vulturar, D., Chis, A., Lesan, A., Vesa, C. S., Pop, D., & Todea, D. A. (2022). The role of 3D speckle tracking echocardiography in the diagnosis of obstructive sleep apnea and its severity. *Scientific reports*, 12(1), 22347. <https://doi.org/10.1038/s41598-022-26940-2>

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### A Prospective Study of CPAP Therapy in Relation to Cardiovascular Outcome in a Cohort of Romanian Obstructive Sleep Apnea Patients

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Chetan IM, Maiorean AD, Domokos Gergely B, **Cabau G**, Tomoaia R, Chis AF, Albu A, Stoia MA, Vesa SC, Blendea D, et al. A Prospective Study of CPAP Therapy in Relation to Cardiovascular Outcome in a Cohort of Romanian Obstructive Sleep Apnea Patients. *Journal of Personalized Medicine*. 2021; 11(10):1001. <https://doi.org/10.3390/jpm11101001>

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### Skeletal Abnormalities and VDR1 Gene Polymorphisms in Mucopolysaccharidosis Patients

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Alkhzouz, C., **Cabau, G.**, Lazea, C., Asavoiaie, C., Bucerzan, S., Mirea, A. M., Farcas, M., Miclaus Jnr, M., Popp, R., & Miclea, D. (2021). Skeletal Abnormalities and VDR1 Gene Polymorphisms in Mucopolysaccharidosis Patients. *Pharmacogenomics and personalized medicine*, 14, 349–358. <https://doi.org/10.2147/PGPM.S295241>

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### Is there a correlation between GAD2 gene-243 A > G polymorphism and obesity?

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Alkhzouz,C.,Miclea,D.,Farcas,M.,Bucerzan,S.,**Cabau,G.** & Popp,R.(2019).Is there a correlation between GAD2 gene-243 A>G polymorphism and obesity?. *Revista Romana de Medicina de Laborator*,27(4) 413-420. <https://doi.org/10.2478/rrlm-2019-0033>

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