



## Curriculum Vitae

Personal information **Liliya Rostomyan**

### Work experience

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FEDERAL AGENCY OF MEDICINES AND HEALTH PRODUCTS, Belgium

05/2024 - ... - *Clinical assessor*

- Scientific evaluation of clinical efficacy and safety data of medicinal products in marketing authorizations and clinical trial applications

09/2023 - 05/2024 - *CTM assessor*

- Clinical Trials Applications Assessment

CHU DE LIÈGE, LIÈGE, Belgium

2018 - 01/2023 - *Clinical R&D Scientist*

- Scientific projects in Endocrinology, Pituitary Neurosurgery, Genetics of Endocrine Diseases (designing, conducting, analyzing, publishing)
- Communication and popularization of the results at local and international scientific events
- International & interdisciplinary collaborations/ networking; multicenter project management
- Representative of CHU de Liège in the European Reference Network for Endocrine Rare Diseases (Endo-ERN); application and related documents preparation & submission

2021 - ... - *Member of the University of Liège Hospital-Faculty Ethics Committee*

- Ethical review / evaluation of the dossiers submitted for EC approval (various medical domains, commercial and academic studies)

2011 - 2018 - *Clinical Researcher in Endocrinology*

- MD assistant and research activities in endocrinology

FEDERAL STATE RESEARCH CENTER FOR ENDOCRINOLOGY, Moscow, Russia

2005 - 2011 - *Clinical Resident/Endocrinologist*

- MD in internal medicine and endocrinology
- Research in neuroendocrinology and bone diseases
- Clinical trials in neuroendocrinology and osteoporosis
- Laboratory experience: DNA isolation, Sanger sequencing
- Mentoring student research projects and thesis

### Education and training

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PHD IN ENDOCRINOLOGY - University of Liège, Belgium

2021

- Title of the doctoral thesis: "Pituitary Gigantism" (Prof. A. Beckers)

PHD IN ENDOCRINOLOGY - Federal State Research Center for Endocrinology, Moscow, Russia

2011

- PhD thesis entitled "Multiple endocrine neoplasia syndrome type 1: clinical and genetic characteristics" (Prof. L. Rozhinskaya)

CLINICAL RESIDENCY AND TRAINING IN ENDOCRINOLOGY - Federal State Research Center for Endocrinology, Moscow, Russia

2005 - 2010

- Certificate of specialist (Endocrinology)

DOCTOR OF MEDICINE (MASTER'S DEGREE IN MEDICINE) - Moscow Medical Academy after I.M Sechenov, Moscow, Russia

1999 - 2005

Diploma BCA 0311048 of 25 June 2005 - Equivalent to the generic academic degree of Master in Belgium, Order of the government of the French Community on the equivalence of level of studies, 04 April 2018

### Additional information

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## Publications

BIBLIOMETRICS (19/10/2023)  
H-INDEX (Scopus / Google Scholar) – 16 / 16  
CITATIONS (Scopus / Google Scholar) – 1009 / 1169  
SOURCES  
[https://scholar.google.be/citations?user=vtscnA\\_7p\\_cC&hl=en&oi=ao](https://scholar.google.be/citations?user=vtscnA_7p_cC&hl=en&oi=ao)  
<https://www.scopus.com/authid/detail.uri?authorId=55179438500>

PUBLICATIONS  
Books and book chapters – 8  
Peer-reviewed journal articles – 27  
Abstracts – 64

### BOOKS , BOOKCHAPTERS

1. Potorac I, Rostomyan L, Bonneville J.-F., Petrossians P and Beckers A. Pituitary update (University of Liege), University of Liège. Merelbeke: IPSEN, 2014. P. 1-26
2. Beckers A, Rostomyan L, Daly AF Chapter 4 - Functioning pituitary adenomas In: Genetic diagnosis of endocrine disorders (second edition), Roy E. Weiss & Samuel Refetoff (Eds). Pages 79-91. San Diego: Academic Press, 2016
3. M-L Jaffrain-Rea, L Rostomyan and A Beckers. Prognostic factors: Molecular pathway - tumor suppressor gene (MEN1) In: Neuroendocrine Tumors in Real Life From Practice to Knowledge, edited by Annamaria Colao, Antongiulio Faggiano, and Wouter de Herder, 135-48. Cham: Springer International Publishing, 2018
4. Rostomyan L., A. F. Daly, and A. Beckers. "Pituitary Tumors Associated with Multiple Endocrine Neoplasia Syndromes" In Encyclopedia of Endocrine Diseases, edited by Huhtaniemi, Ilpo. New York: Elsevier. – 2018
5. Rostomyan L., I. Potorac, A. F. Daly and A. Beckers. "Genetics of pituitary gigantism: syndromic and non-syndromic causes" In Endocrinology. Polyendocrine Disorders and Endocrine Neoplastic Syndromes, edited by Annamaria Colao, Marie-Lise Jaffrain-Rea, Albert Beckers, Springer book – Endocrinology series, 1st ed., 2019
6. Rostomyan L "Pituitary Gigantism" Doctoral Thesis (supervisor: Pr. A. Beckers), Faculty of Medicine, University of Liège, Liège, P.P.P. Printing sprl, 2021. P. xvi, 388
7. Rostomyan L. and P. Petrossians "History of the identification of gigantism and acromegaly" In Gigantism and Acromegaly, edited by C. Stratakis: Elsevier Science Academic Press, 2021. P. 1-16
8. Potorac I., L. Rostomyan, A. F. Daly, P. Petrossians and A. Beckers "Gigantism: clinical diagnosis and description" In Gigantism and Acromegaly, edited by C. Stratakis: Elsevier Science Academic Press, 2021. P. 39-52

### JOURNAL ARTICLES

1. Rostomyan\* L., A. F. Daly\*, P. Petrossians, E. Nachev, A. R. Lila, A. L. Lecoq, B. Lecumberri, G. Trivellini, R. Salvatori, A. G. Moraitis, I. Holdaway, D. J. Kranenburg-van Klaveren, M. Chiara Zatelli, N. Palacios, C. Nozieres, M. Zacharin, T. Ebeling, M. Ojaniemi, L. Rozhinskaya, E. Verrua, M. L. Jaffrain-Rea, S. Filipponi, D. Gusakova, V. Pronin, J. Bertherat, Z. Belaya, I. Ilovayskaya, M. Sahnoun-Fathallah, C. Sievers, G. K. Stalla, E. Castermans, J. H. Caberg, E. Sorkina, R. S. Auriemma, S. Mittal, M. Kareva, P. A. Lysy, P. Emy, E. De Menis, C. S. Choong, G. Mantovani, V. Bours, W. De Herder, T. Brue, A. Barlier, S. J. Neggers, S. Zacharieva, P. Chanson, N. S. Shah, C. A. Stratakis, L. A. Naves, and A. Beckers. "Clinical and Genetic Characterization of Pituitary Gigantism: An International Collaborative Study in 208 Patients." *Endocr Relat Cancer* 22, no. 5 (Oct 2015): 745-57. <http://dx.doi.org/10.1530/ERC-15-0320>
2. Mangupli\* R., L. Rostomyan\*, E. Castermans, J. H. Caberg, P. Camperos, J. Krivoy, E. Cuauro, V. Bours, A. F. Daly, and A. Beckers. "Combined Treatment with Octreotide LAR and Pegvisomant in Patients with Pituitary Gigantism: Clinical Evaluation and Genetic Screening." *Pituitary* 19, no. 5 (Oct 2016): 507-14. <http://dx.doi.org/10.1007/s11102-016-0732-3>
3. Daly AF\*, L. Rostomyan\*, D. Betea, JF Bonneville, C. Villa, N. Pellegata, B. Waser, JC. Reubi, C. Waeber Stephan, E. Christ, A. Beckers. "Hormonal and tumoral control of acromegaly with pasireotide LAR in patients with AIP mutations and resistance to first generation somatostatin analogs." *Endocr Connect.* 2019 Apr;8(4):367-377 <https://doi.org/10.1530/EC-19-0004>
4. Trivellini\*, G., A. F. Daly\*, F. R. Faucz, B. Yuan, L. Rostomyan, D. O. Larco, M. H. Scherthaner-Reiter, E. Szarek, L. F. Leal, J. H. Caberg, E. Castermans, C. Villa, A. Dimopoulos, P. Chittiboiana, P. Xekouki, N. Shah, D. Metzger, P. A. Lysy, E. Ferrante, N. Strebkova, N. Mazerkina, M. C. Zatelli, M. Lodish, A. Horvath, R. B. de Alexandre, A. D. Manning, I. Levy, M. F. Keil, L. Sierra Mde, L. Palmeira, W. Coppieters, M. Georges, L. A. Naves, M. Jamar, V. Bours, T. J. Wu, C. S. Choong, J. Bertherat, P. Chanson, P. Kamenicky, W. E. Farrell, A. Barlier, M. Quezado, I. Bjelobaba, S. S. Stojilkovic, J. Wess, S. Costanzi, P. Liu, J. R. Lupski, A. Beckers, and C. A. Stratakis. "Gigantism and Acromegaly Due to Xq26 Microduplications and GPR101 Mutation." *N Engl J Med* 371, no. 25 (Dec 18 2014): 2363-74. <https://doi.org/10.1056/NEJMoa1408028>

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5. Vasilev V.\*, L. Rostomyan\*, A. F. Daly, I. Potorac, S. Zacharieva, J. F. Bonneville, and A. Beckers. "Management of Endocrine Disease: Pituitary 'Incidentaloma': Neuroradiological Assessment and Differential Diagnosis." *Eur J Endocrinol* 175, no. 4 (Oct 2016): R171-84. <http://dx.doi.org/10.1530/EJE-15-1272>
6. Rostomyan L., I. Potorac, P. Beckers, A. F. Daly, and A. Beckers. "AIP Mutations and Gigantism." *Ann Endocrinol (Paris)* 78, no. 2 (Jun 2017): 123-30. <http://dx.doi.org/10.1016/i.ando.2017.04.012>
7. Rostomyan L. and A. Beckers. "Screening for Genetic Causes of Growth Hormone Hypersecretion." *Growth Horm IGF Res* 30-31 (Oct - Dec 2016): 52-57. <http://dx.doi.org/10.1016/j.ghir.2016.10.004>
8. Rostomyan L., A. F. Daly, and A. Beckers. "Pituitary Gigantism: Causes and Clinical Characteristics." *Ann Endocrinol (Paris)* 76, no. 6 (Dec 2015): 643-9. <http://dx.doi.org/10.1016/i.ando.2015.10.002>
9. Daly A. F.\*, P. A. Lysy\*, C. Desfilles\*, L. Rostomyan, A. Mohamed, J. H. Caberg, V. Raverot, E. Castermans, E. Marbaix, D. Maiter, C. Brunelle, G. Trivellini, C. A. Stratakis, V. Bours, C. Raftopoulos, V. Beauloye, A. Barlier, and A. Beckers. "GHRH Excess and Blockade in X-LAG Syndrome." *Endocr Relat Cancer* 23, no. 3 (Mar 2016): 161-70. <http://dx.doi.org/10.1530/ERC-15-0478>
10. Beckers A., L. Rostomyan, and A. F. Daly. "Overview of Genetic Testing in Patients with Pituitary Adenomas." *Ann Endocrinol (Paris)* 73, no. 2 (Apr 2012): 62-4. <http://dx.doi.org/10.1016/i.ando.2012.03.028>
11. Jaffrain-Rea M. L., S. Rotondi, A. Turchi, G. Occhi, A. Barlier, E. Peverelli, L. Rostomyan, C. Defilles, M. Angelini, M. A. Oliva, F. Ceccato, O. Maiorani, A. F. Daly, V. Esposito, F. Buttarelli, D. Figarella-Branger, F. Giangaspero, A. Spada, C. Scaroni, E. Alessie, and A. Beckers. "Somatostatin Analogues Increase AIP Expression in Somatotropinomas, Irrespective of Gsp Mutations." *Endocr Relat Cancer* 20, no. 5 (Oct 2013): 753-66. <http://dx.doi.org/10.1530/ERC->

12. Vasilev V.\*, A. F. Daly\*, A. Thiry, P. Petrossians, F. Fina, L. Rostomyan, M. Silvy, A. Enjalbert, A. Barlier, and A. Beckers. "McCune-Albright Syndrome: A Detailed Pathological and Genetic Analysis of Disease Effects in an Adult Patient." *J Clin Endocrinol Metab* 99, no. 10 (Oct 2014): E2029-38. <http://dx.doi.org/10.1210/ic.2014-1291>
13. Beckers A.\*, M. B. Lodish\*, G. Trivellin, L. Rostomyan, M. Lee, F. R. Fauz, B. Yuan, C. S. Choong, J. H. Caberg, E. Verrua, L. A. Naves, T. D. Cheetham, J. Young, P. A. Lysy, P. Petrossians, A. Cotterill, N. S. Shah, D. Metzger, E. Castermans, M. R. Ambrosio, C. Villa, N. Strebkova, N. Mazerkina, S. Gaillard, G. B. Barra, L. A. Casulari, S. J. Neggers, R. Salvatori, M. L. Jaffrain-Rea, M. Zacharin, B. L. Santamaria, S. Zacharieva, E. M. Lim, G. Mantovani, M. C. Zatelli, M. T. Collins, J. F. Bonneville, M. Quezado, P. Chittiboia, E. H. Oldfield, V. Bours, P. Liu, W. de Herder W, N. Pellegata, J. R. Lupski, A. F. Daly, and C. A. Stratakis. "X-Linked Acrogigantism Syndrome: Clinical Profile and Therapeutic Responses." *Endocr Relat Cancer* 22, no. 3 (Jun 2015): 353-67. <http://dx.doi.org/10.1530/ERC-15-0038>
14. Kreutz J., L. Vroonen, F. Cattin, P. Petrossians, A. Thiry, L. Rostomyan, L. Tshibanda, A. Beckers, and J. F. Bonneville. "Intensity of Prolactinoma on T2-Weighted Magnetic Resonance Imaging: Towards Another Gender Difference." *Neuroradiology* 57, no. 7 (Jul 2015): 679-84. <http://dx.doi.org/10.1007/s00234-015-1519-3>
15. Jedidi H., L. Rostomyan, I. Potorac, F. Depierreux-Lahaye, P. Petrossians, and A. Beckers. "Advances in Diagnosis and Management of Familial Pituitary Adenomas." *Future Medicine* 3, no. 4 (2016): 313-23. <https://doi.org/10.2217/ije-2016-0009>
16. Daly A. F.\*, B. Yuan\*, F. Fina\*, J. H. Caberg, G. Trivellin, L. Rostomyan, W. W. de Herder, L. A. Naves, D. Metzger, T. Cuny, W. Rabl, N. Shah, M. L. Jaffrain-Rea, M. C. Zatelli, F. R. Fauz, E. Castermans, I. Nanni-Metellus, M. Lodish, A. Muhammad, L. Palmeira, I. Potorac, G. Mantovani, S. J. Neggers, M. Klein, A. Barlier, P. Liu, L. Ouafik, V. Bours, J. R. Lupski, C. A. Stratakis, and A. Beckers. "Somatic Mosaicism Underlies X-Linked Acrogigantism Syndrome in Sporadic Male Subjects." *Endocr Relat Cancer* 23, no. 4 (Apr 2016): 221-33. <http://dx.doi.org/10.1530/ERC-16-0082>
17. Trivellin G., I. Bjelobaba, A. F. Daly, D. O. Larco, L. Palmeira, F. R. Fauz, A. Thiry, L. F. Leal, L. Rostomyan, M. Quezado, M. H. Scherthaner-Reiter, M. M. Janjic, C. Villa, T. J. Wu, S. S. Stojilkovic, A. Beckers, B. Feldman, and C. A. Stratakis. "Characterization of GPR101 Transcript Structure and Expression Patterns." *J Mol Endocrinol* 57, no. 2 (Aug 2016): 97-111. <http://dx.doi.org/10.1530/JME-16-0045>

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18. Castinetti F., A. F. Daly, C. A. Stratakis, J. H. Caberg, E. Castermans, G. Trivellin, L. Rostomyan, A. Saveanu, N. Jullien, R. Reynaud, A. Barlier, V. Bours, T. Brue, and A. Beckers. "GPR101 Mutations Are Not a Frequent Cause of Congenital Isolated Growth Hormone Deficiency." *Horm Metab Res* 48, no. 6 (Jun 2016): 389-93. <http://dx.doi.org/10.1055/s-0042-100733>
19. Rotondi S., A. Modarelli, M. A. Oliva, L. Rostomyan, P. Sanita, L. Ventura, A. F. Daly, V. Esposito, A. Angelucci, A. Arcella, F. Giangaspero, A. Beckers, and M. L. Jaffrain-Rea. "Expression of Peroxisome Proliferator-Activated Receptor Alpha (PPAR $\alpha$ ) in Somatotropinomas: Relationship with Aryl Hydrocarbon Receptor Interacting Protein (AIP) and in vitro Effects of Fenofibrate in GH3 Cells." *Mol Cell Endocrinol* 426 (May 5 2016): 61-72. <http://dx.doi.org/10.1016/j.mce.2016.02.005>
20. Beckers A., L. Rostomyan, I. Potorac, P. Beckers, and A. F. Daly. "X-LAG: How Did They Grow So Tall?" *Ann Endocrinol (Paris)* 78, no. 2 (Jun 2017): 131-36. <http://dx.doi.org/10.1016/j.ando.2017.04.013>
21. Beckers, A., D. Fernandes, F. Fina, M. Novak, A. Abati, L. Rostomyan, A. Thiry, L. Ouafik, B. Pasture, R. Pinhasi, and A. F. Daly. "Paleogenetic Study of Ancient DNA Suggestive of X-Linked Acrogigantism." *Endocr Relat Cancer* 24, no. 2 (Feb 2017): L17-L20. <http://dx.doi.org/10.1530/ERC-16-0558>
22. D'Andrea S., R. S. Auriemma, L. Rostomyan, S. Filippini, and M. L. Jaffrain-Rea. "Le Forme Familiari di Adenoma Ipofisario." *L'Endocrinologo* 18, no. 1 (2017): 22-27. <https://doi.org/10.1007/s40619-017-0258-6>
23. Petignot S., P. Beckers, L. Rostomyan, and A. Beckers. "Le Gigantisme Hypophysaire, Une Histoire de Grandes Personnes." *Vaisseaux, Coeur, Poumons* 22, no. 6 (2017): 25-30
24. Polidoro M. A., S. Rotondi, R. Morace, L. Rostomyan, A. Colapietro, A. Arcella, L. Ventura, A. Angelucci, F. Giangaspero, V. Esposito, A. Beckers, and M. L. Jaffrain-Rea. "Expression of Peroxisome Proliferator-Activated Receptor Alpha (PPAR $\alpha$ ) in Non-Somatotroph Pituitary Tumours and the Effects of PPAR $\alpha$  Agonists on MMQ Cells." *Hormone and Metabolic Research* 2018 Aug;50(8):640-647. <http://dx.doi.org/10.1055/a-0633-2706>
25. Petignot S., L. Rostomyan and A. Beckers. "Intérêt de la génétique dans l'exploration du gigantisme hypophysaire." *Vaisseaux, Coeur, Poumons*, 2019, 24(2), 21-28
26. Gordon DM, Beckers P, Castermans E, Neggers S, JCMM, Rostomyan L, Bours V, Petrossians P, Dideberg V, Beckers A and Daly AF "Dutch Founder SDHB Exon 3 deletion in Patients with Pheochromocytoma-Paraganglioma in South Africa." *Endocrine connections* (Jan 2022);11(1):e210560. <https://doi.org/10.1530/EC-21-0560>
27. Beckers A, Beckers P, Rostomyan L, Daly AF "Bases moléculaires du gigantisme hypophysaire molecular basis of pituitary gigantism" *Bulletin de l'Académie Nationale de Médecine* ; Volume 206, Issue 7, (Aug 2022), 837-844 <https://doi.org/10.1016/j.banm.2022.05.005>

\* These authors contributed equally to the publication

## Projects

Liège Acromegaly Survey, Genetics of pituitary tumors, Multi-organ syndromes, Parathyroid carcinoma, Primary hyperparathyroidism registry

## Memberships

### SCIENTIFICEVENTS

Invited speaker – 18  
 Oral communication – 19  
 Poster communication – 34  
 Local organizing committee – 14  
 Chairing scientific session – 2

### PRIZES & AWARDS

Total – 23

Selected:

- BELGIAN ENDOCRINE SOCIETY LECTURE

AWARD for scientific contribution in Endocrinology: «Pituitary gigantism: clinical characteristics and new insights into the genetics of GH-secreting pituitary adenomas» - 2019

- AWARD IN RECOGNITION OF THE EFFECTIVENESS IN ENDOCRINE RESEARCH from International Society of Endocrinology for «The pilot

study on clinical presentation of pituitary adenomas (PA) in patients with multiple endocrine neoplasia type 1 (MEN1) phenotype with and without MEN1 mutation» - 2012

ADDITIONAL ACTIVITIES:

03/2023 - ... - *External Ethicist Expert in the working group of the FAMHP-EC on CHIM trials*

2021 - ... - *International Expert: PNDS Acromégalie, Centre de Référence des Maladies rares de l'Hypophyse, France (2021) Consensus statement by the SFE & SFEDP on Craniopharyngioma (in progress)*

2011 - ... - *Reviewer for peer-reviewed journals:*

European Journal of Endocrinology  
EBioMedicine  
Balkan Journal of Medical Genetics  
Patient Preference and Adherence  
Case Reports in Endocrinology  
Frontiers in Oncology  
Frontiers in Endocrinology

MEMBERSHIP:

Belgian Endocrine Society  
European Society of Endocrinology  
European NeuroEndocrine Association  
Armenian Medical Association in Belgium

## Other Relevant Information