

## **Gedeon Richter scientific publications 2025**

### **Advancing Measurement-Based Care through Triangle of Care Development and Feasibility of the Transdiagnostic Global Impression : Psychopathology (TGI-P) Scale for Patients and Informants**

McIntyre, Roger S. , Dombi Zsófia Borbála , Barabássy Ágota , Brevig, Thomas , Németh György  
European Psychiatry, 68(1), e118, 1–7 , DOI: 10.1192/j.eurpsy.2025.10069

### **Analysis of neuronal activity impairment in iPSC-derived neurons from idiopathic autism patients**

Kern András , Román Viktor , Orbán Tamás István , Pál Ildikó Gabriella , Nagy József , Lévy György , Lendvai Balázs , Némethy Zsolt  
iScience 28, 113615 , DOI: 10.1016/j.isci.2025.113615

### **Assessment of cortical excitability in awake rhesus macaques with transcranial magnetic stimulation : Translational insights from recruitment curves**

Padányi Anna , Knakker Balázs , Lendvai Balázs , Hernádi István  
NeuroImage 316 (2025) 121306 , DOI: 10.1016/j.neuroimage.2025.121306

### **Bioequivalence of two different formulations of Rivaroxaban filmcoated tablet**

Orosz Anita , Marton Livia , Péterfia Gábor István , Tóth János Pál , Cseh Éva , Bidzsari, Veszal , Forgács Bettina Ivett , Grabowski, Marcin  
Acta Pharm Hung 2025, 95, 30-36. , DOI: 10.33892/aph.2025.95.30-36

### **Comparison of surrogate models in tablet dissolution prediction : addressing the limitations of f2 and introducing sum of ranking differences for model evaluation**

Péterfi Orsolya , Kovács Béla , Casian Tibor , Tőkés Erzsébet Orsolya , Kelemen Éva Katalin , Zöldi Katalin , Nagy Zsombor Kristóf , Nagy Brigitta  
The AAPS Journal (2025) 27:118 , DOI: 10.1208/s12248-025-01100-2

### **Comprehensive Physico-Chemical and Functional Similarity Assessment of Intravenous and Subcutaneous RGB-19 Drug Products as Proposed Biosimilars to Tocilizumab Reference Product**

Solti Katalin , Timári Sarolta , Faludi Tamás , Iliás Attila , Hegedüs Rózsa , Pataj Zoltán , Háda Viktor  
BioDrugs (2025) 39:675–696 , DOI: 10.1007/s40259-025-00734-0

### **Comprehensive Physico-chemical and Functional Similarity Assessment Study of RGB-14-P and RGB-14-X Drug Products as Proposed Biosimilars to Denosumab Reference Products**

Garai Ágnes Szonja , Hüse Dániel , Fizil Ádám , Zólyomi Zsolt , Lehoczki Gábor , Kis Andrea , Kálmán-Szekeres Zsuzsanna , Háda Viktor  
BioDrugs (2025) 39:697–724 , DOI: 10.1007/s40259-025-00738-w

### **Continuous-flow synthesis of 1,4,6,7-tetrahydro-5H-[1,2,3]triazolo[4,5-c]pyridines towards key intermediates of clinical candidates JNJ-54175446 and zanvipixant (JNJ-55308942) with antidepressant activity**

Fülöp Zsolt , Bana Péter , Greiner István , Éles János  
RSC Adv., 2025, 15, 25202–25208 , DOI: 10.1039/d5ra03780h

**Discovery of an In vitro and In Vivo Potent Nicotinic Alpha 7 Positive Allosteric Modulator Clinical Candidate Molecule (RGH-857)**

Ledneczki István , Tapolcsányi Pál , Gábor Eszter , Vágó István , Szigetvári Áron , Krámos Balázs , Mohácsi Réka , Kolok Sándor , Thán Márta , Lévy György , Lendvai Balázs , Greiner István , Némethy Zsolt , Éles János

J. Med. Chem. 2026, 69, 1, 305–329 , DOI: 10.1021/acs.jmedchem.5c02408

**Distinct functional profiles of partial agonist antipsychotics in cAMP and  $\beta$ - arrestin signaling mechanisms of dopamine D2 and D3 receptors in vitro**

Domány-Kovács Katalin , Kolok Sándor , Kurkó Dalma , Bekes Zsófia , Horti Ferenc , Bobok Amrita Ágnes , Nagy József , Kapui Zoltán , Lendvai Balázs , Visegrády András Bán , Kiss Béla

Prog Neuropsychopharmacol Biol Psychiatry 143 (2025) 111554 , DOI:

10.1016/j.pnpbp.2025.111554

**Editorial: Women with neuropsychiatric disorders : understanding and personalizing needs**

Barabássy Ágota , Dombi Zsófia Borbála , Gemzell-Danielsson, Kristina , Molnár Mária Judit

Front. Psychiatry 16:1719997 , DOI: 10.3389/fpsy.2025.1719997

**Effects of estetrol/drospirenone on self-reported physical and emotional premenstrual and menstrual symptoms : Data from the phase 3 clinical trial in the United States and Canada**

Bouchard, Céline , Bitzer, Johannes , Chen, Melissa J. , Jensen, Jeffrey T. , Kaunitz, Andrew M. , Jost, Maud , Foidart, Jean-Michel , Creinin, Mitchell D.

Contraception, No:110889 , DOI: 10.1016/j.contraception.2025.110889

**Energetical analysis of a method for the scale-up of a microwave flow P-esterification by recirculation**

Schindler József , Greiner István , Keglevich György

React. Chem. Eng. , DOI: 10.1039/d4re00622d

**Estetrol/Drospirenone safety in a population with cardiovascular risk factors**

Creinin, Mitchell D. , Foidart, Jean-Michel , Gemzell-Danielsson, Kristina , Flerin, Nina C. , Kubba, Ali , Gaspard, Ulysse , Douxfils, Jonathan

Contraception, No: 110861 , DOI: 10.1016/j.contraception.2025.110861

**Evaluation of the safety profile of prolonged-release EE/DNG oral contraceptives : a critical appraisal**

Douxfils, Jonathan , Morimont, Laure , Flerin, Nina C. , Gaspard, Ulysse

Gynecol Endocrinol 2025,(41), 1, Art no. 2571648 , DOI: 10.1080/09513590.2025.2571648

**Frequency, correlates and outcomes of Benzodiazepine use during Cariprazine treatment : A pooled post-hoc analysis from four 6-week, placebo-controlled trials in patients with an acute exacerbation of schizophrenia**

Correll, Christoph U. , Csehi Réka , Acsai Károly , Barabássy Ágota

Eur. Neuropsychopharmacol. 94 (2025) 76–83 , DOI: 10.1016/j.euroneuro.2025.02.010

**Goal Achievement in 3017 Patients at Very High Cardiovascular Risk Based on Different LDL Cholesterol Calculations and Non-HDL Cholesterol Levels—Shortcomings of the Use of Non-HDL Cholesterol as a Target Depending on Triglyceride Levels**

Reiber István , Márk László , Lőrincz Hajnalka , Együd Ferenc , Mező Izabella , Paragh György

J. Clin. Med. 2025, 14(14), 5003 , DOI: 10.3390/jcm14145003

**Immunogenicity assays supporting clinical development of RGB-19, a proposed biosimilar to RoActemra**

Kónya Attila , Uchida, Kazuya , Nagasawa, Katsuaki , Tóth János Pál  
Bioanalysis . 2025 Dec 18:1-10. , DOI: 10.1080/17576180.2025.2601872

**Method development for poly(diallyldimethylammonium chloride) determination in proteinaceous samples and its role in downstream technology development of monoclonal antibody production**

Sávoly Zoltán , Szilágyi Enikő , Kozák Dóra , Vásárhelyi Viktor , Szabados Hajnalka  
J Pharm Biomed Anal 268 (2026). 117113 , DOI: 10.1016/j.jpba.2025.117113

**The possible role of postnatal biphasic dysregulation of IGF-1 tone in the etiology of idiopathic autism spectrum disorder**

Visegrády András Bán  
Int. J. Mol. Sci. 2025, 26(10), 4483 , DOI: 10.3390/ijms26104483

**Protective Effect of Selegiline (R-deprenyl) in Aminoglycoside-Induced Hearing Loss**

Humli Viktória , Szepesy Judit , Zsilla Gabriella , Miklya Ildikó , Timár Júlia , Szabó Szilárd I. , Polony Gábor , Gáborján Anita , Halmos György B. , Dunkel Petra , Mátyus Péter , Lendvai Balázs , Vizi E. Szilveszter , Zelles Tibor  
Neurochemical Research (2025) 50:200 , DOI: 10.1007/s11064-025-04446-3

**A randomised Phase 3 study comparing the efficacy and safety of proposed denosumab biosimilar RGB-14-P and reference denosumab in women with postmenopausal osteoporosis**

Seefried, Lothar , Ferrari, Serge Livio , Páll Dénes , Viapiana, Ombretta , Rosa, Jan , Supronik, Jerzy , Nestorova Licheva, Rodina , Kiefer, Joachim , Jeszenői Norbert , Horváth-Karajz Károly , Jókai Enikő , Takács István  
Osteoporosis International , DOI: 10.1007/s00198-025-07711-x

**Role of membrane estrogen receptor alpha on the negative feedback of estrogens on luteinizing hormone secretion**

Faure, Mélanie C. , Corona, Rebeca , Vandries, Laura , Deconinck, Charlotte , Lenfant, Françoise , Gérard, Céline , Foidart, Jean-Michel , Cornil, Charlotte A.  
J Neuroendocrinol. 2025;e70016 , DOI: 10.1111/jne.70016

**Safety and efficacy of vilaprisan in Japanese women with fibroids : The Phase 3 ASTEROID 8 trial**

Momoeda Mikio , Faustmann, Thomas , Groettrup-Wolfers, Esther , Kondo Masami , Yasuda Masanobu , Seitz, Christian  
Women's Health Vol. 21: 1–11 , DOI: 10.1177/17455057251378954

**Synthesis and In Vitro Evaluation of the Anticancer Effect of Novel Phosphonium Vindoline Derivatives**

Halmai Mónika , Donkó-Tóth Viktória , Keglevich Péter , Kánai Károly , Weber Márton , Dékány Miklós , Abdallah, Ejlal A. , Bózsity Noémi , Zupkó István , Nehr-Majoros Andrea , Szőke Éva , Helyes Zsuzsanna , Hazai László  
Int. J. Mol. Sci. 2025, 26(8), 3775 , DOI: 10.3390/ijms26083775

**Target tolerance improvement of the immunogenicity assay developed for analysing samples from clinical trials of RGB-14, a proposed biosimilar to Prolia/Xgeva**

Pap Tímea , Király Nikolett , Fekete Anna , Tóth János Pál , Kónya Attila  
J Immunol Methods 541 (2025) 113878 , DOI: 10.1016/j.jim.2025.113878

**Transdiagnostic Efficacy of Cariprazine : A Systematic Review and Meta-Analysis of Efficacy  
Across Ten Symptom Domains**

Barabássy Ágota , Csehi Réka , Dombi Zsófia Borbála , Szatmári Balázs , Brevig, Thomas ,  
Németh György  
Pharmaceuticals 2025, 18, 995. , DOI: 10.3390/ph18070995