



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Professor Mark Slevin**

Address(es)

Telephone(s)

E-mail **m.a.slevin@mmu.ac.uk/mark.slevin@umfst.ro**

Nationality **British**

Date of birth

Education and training

Dates **2017-**

Title of qualification awarded **Honorary Causa PhD**

Principal subjects/occupational skills covered **Cell Pathology**

Name and type of organisation providing education and training **University of Medicine, Pharmacy, Science and Technology, Targu Mures, Romania**

Dates **2008**

Title of qualification awarded ***Fellow of the Royal College of Pathologists***

Principal subjects/occupational skills covered ***pathology***

Name and type of organisation providing education and training **Royal College of Pathologists UK**

Dates **1989-1994**

Title of qualification awarded **PhD**

Principal subjects/occupational skills covered **Biomedicine: title "The role of gangliosides in Tumourigenesis"**

Name and type of organisation providing education and training **Manchester Metropolitan University, UK**

Dates **1987-1989**

Title of qualification awarded **BSc Hons**

Principal subjects/occupational skills covered **Biological Sciences**

Name and type of organisation providing education and training **Manchester Metropolitan University**

Work experience

Dates	2021- present
Occupation or position held	Scientific Director of CCAMF and President of the University Committee for Research and Knowledge Exchange
Main activities and responsibilities	• Responsible for the strategic development of the centre • Promotion of quality focus and impact • Internationalization and building of research themes and groups
Name and address of employer	University of Medicine, Pharmacy, Science and Technology , (UMFST, Gheorghe Marinescu 38, Tirgu Mures, Mures, 540142, Romania)
Dates	2020-
Occupation or position held	<i>Consultant for the Regenerative Clinic, Harley Street Hospital, London</i>
Main activities and responsibilities	• Organization and co-ordination of regenerative medicine clinical trials and research activity • Research in medical informatics and AI
Name and address of employer	Harley street Hospital, 19 Harley street Marylebone, London W1G 9QJ, UK
Type of business or sector	Business sector
Dates	2014-
Occupation or position held	Visiting Professor at UMFST
Main activities and responsibilities	• co-ordination of research projects with international teams at UMFST
Name and address of employer	UMFST, Gheorghe Marinescu 38, Tirgu Mures, Mures, 540142, Romania
Type of business or sector	Academic
Dates	2010-
Occupation or position held	<i>Professor of Cell Pathology</i>
Main activities and responsibilities	• Teaching Bio/medicine and leading the higher specialized scientific training programme of the UK • leading research programmes and teams within the university and beyond • Management -membership of the university research and knowledge exchange committee • Director of the Centre for Biomedicine (2014-2018) • Director of the Higher Specialist Scientific Training Programme as the UK provider for Consultant Hospital Scientists and doctors to obtain PhD/FRCPath (2018-2021)
Name and address of employer	Manchester Metropolitan University, Chester Street, Manchester, M1 5GD, UK
Type of business or sector	Academic sector
Dates	2007-2010
Occupation or position held	BBVA Professor of Clinical Biomedicine (ICCC, St Pau Hospital, Barcelona, Spain) and Dean (pro-rector) of Medical Sciences, British Institute of Technology (BITE), London.
Main activities and responsibilities	• Leading research teams in cardiovascular disease • Organizing medicine and biomedicine in the BITE • Building a research centre
Name and address of employer	ICCC-CSIC, St Pau Hospital, Barcelona, Spain. Remaining Professor of ICC.
Type of business or sector	Academic sector

Personal skills and competences

Mother tongue(s) **English**

Other language(s)	Spanish		
Self-assessment	Understanding	Conversation	Writing
European level (*)	B2	B2	B2

Social skills and competences	Good communication skills and adaptation to various domains, teamwork, leadership
Organisational skills and competences	Project management and team coordination Planning and monitoring activities to obtain results
Other current responsibilities	Senior Associate Editor of the journal Brain Pathology (IF=7.5) and editor of Frontiers in Immunology (IF=8.4), Scientific Reports (IF=4.4), Stem Cells International (IF=5.4) and International Journal of Molecular Science (IF=6.3) Consultant for Innovate UK 2019- (control of UK business start-ups) Chairman of KIDSCAN Cancer charity 2018- Consultant for the National Science Foundation of China (NSFC) Board reviewer for UEFISCDI (Romania) and National Science Foundation (NSF) projects. Poland. Certificate I and II in forensic medicine (UCLAN) 2010-2011
Other certificates	
Driving licence	A, B category

Recent Projects won as PI:

2012-2016: UEFISCDI Neuroprotectie si angiogeneza: noi factori moleculari si sisteme de administrare cu aplicare potential terapeutica. PN-II-ID-PCE-2012-4-0133, contract 58/02.09.2013. €330,000

2016-2020: C-reactive protein therapy for stroke-associated dementia. Terapii ce vizează proteina C reactivă pentru prevenirea demenței clinice cu atacul vascular cerebral ischemic (c-Reactive Protein therapy for stroke-associated dementia). MECS-ANCSI POC-A1-A1.1.4-E-2015. €2M

2020-2023: PCE Noi inhibitori ai proteinei C-reactive și blocați de disociere pentru uz terapeutic în bolile cardiovasculare. PN-III-P4-ID-PCE-2020-1540. €350,000

2018-2022: Innovate UK funded projects in Knowledge Transfer Partnership with Cambridge Medical Technology (CMT)-Micro-electronic sensing for troponin measurement in acute coronary syndromes and cancer biomarker panels for early detection project number 11473 and 12021. £505,000 including CMT contributions, UK

2020-2021: The Regenerative Clinic, London Harley Street, Development of a new micro-fragmented adipose tissue generator £60,000, paid to RGS LTD (Slevin is CEO) and from Lipogems SPA, Milan, Italy, for distribution in China, £101,000 also to RGS LTD.

Ongoing clinical trials as PI

- Reversal of ageing telomeric and epigenetic trial phase1-2 (pitch deck available)
- MFAT algorithm for treatment of osteoarthritis and patient stratification (phase-2-3)
- Complex and diabetic wound treatment using supplemented and 3D printed natural hydrogels (phase 1-2)

Patent-filed for C-reactive protein inhibition in inflammatory disease (details available on request)

Google Scholar H Factor 52; i10=137

Rank in Medical Pathology in Romania-Number 1 (<https://www.adscientificindex.com/scientist/mark-slevin/4327618>)

Over 60 PhD completions as Director of Studies

Other career highlights and details:

Only (first) European and non-USA- BBVA Professor in clinical Biomedicine-EU grant-at ICCB-Barcelona 2007-1009-strongest institute of Cardiovascular disease in Spain

Innovate UK consultant for industrial grant review and decision making 2018-

Panel board member for National grant reviewing in Poland, Spain, Romania

Optics Valley, Wuhan-Senior international advisor (trillion-dollar turnover) 2018-

Professor of Pathology, Weifang University and hospital honorary consultant 2018-

UK MEDU-medical education and recruitment-Senior advisor 2018-

Lipogems SPA LTD (Milan)-Scientific Consultant-fat grafting stem cell therapies 2018-2020

Regenesol INT LTD-new company (President) and collaboration with Sinopharm 2018-

MFAT-Filters LTD-company CEO 2022-

Legal representative for court cases in medical negligence, UK 2021-

Regenerative Clinic Harley Street Hospital (and Home Living) consultant-2020-

Chairman for Europe-research promotions council 2012-2015

Faculty Row super-professor

Faculty-1000-FFa8 publication in cardiovascular (only one from university to date)

Council member and Fellow of/for American Heart and Stroke Association

Chairman of Kidscan cancer charity, UK and co-founder-director of KIBOSE charity foundation

Consultant for Smith and Nephew-FDA (UK and USA); and LIPOGEMS inc. 2017- etc.

Brought in external funding from 15 sources-most recent number 1 rated project EU application UEFISCDI £300,000 (recruited to drive their research forward) a further 2 million in 2016 and total £4.5 million since 2006.

KEY-Involvement in MMU-HCS strategic research planning-REF-Centre development-previous Centre for Biomedicine director and director for vascular pathology (x 3)-research infrastructure development-management of both teaching and research. *Work in and understand cross-field and discipline-leader of research in HCS*

Worked and published at the highest level in biomedicine including Cardio-Neuro-Cancer-physiology and Microbiology. Worked within

World class research institute (ICCC-see WOK profile), also at University of Manchester at Griffith University in Brisbane (as visiting Professor) and University of Surrey, and **previous Dean of Medical Sciences** at BITE in London (2010-2011).

Intimate knowledge of facilities, technical services, allied support teams and university RKE.

Recently published papers:

(2024)

Bartra, C., Yuan, Y., Vuraić, K., Valdés-Quiroz, H., Garcia-Baucells, P., Slevin, M., Pastorello, Y., Suñol, C., & Sanfeliu, C. (2024). Resveratrol activates antioxidant protective mechanisms in cellular models of Alzheimer's disease inflammation. *Antioxidants (Basel)*, 13(2), 177. <https://doi.org/10.3390/antiox13020177>

Muresan, S., & Slevin, M. (2024). C-reactive protein: An inflammatory biomarker and a predictor of neurodegenerative disease in patients with inflammatory bowel disease? *Cureus*, 16(4), e59009. <https://doi.org/10.7759/cureus.59009>

Arnaut, N., Pastorello, Y., & Slevin, M. (2024). Monomeric C-reactive protein: a link between chronic inflammation and neurodegeneration? *Neural Regeneration Research*, 19(8), 1643-1644. <https://doi.org/10.4103/1673-5374.389640>

Viorel, V. I., Pastorello, Y., Bajwa, N., & Slevin, M. (2024). p38-MAPK and CDK5, signaling pathways in neuroinflammation: a potential therapeutic intervention in Alzheimer's disease? *Neural Regeneration Research*, 19(8), 1649-1650. <https://doi.org/10.4103/1673-5374.389645>

Degens, H., Paudyal, A., Kwakkel, G., Slevin, M., & Maas, H. (2024). Stroke-induced excess in capillarization relative to oxidative capacity in rats is muscle specific. *Physiological Reports*, 12(14), e16153. <https://doi.org/10.14814/phy2.16153>

- Muresan, S., Slevin, M., Szasz, E., & Loghin, A. (2024). Monomeric C-reactive protein potential utilization in the histological assessment of inflammatory bowel disease (IBD) patients. *Cureus*, 16(6), e63200. <https://doi.org/10.7759/cureus.63200>
- Pastorello, Y., Manu, D., Sawkulycz, X., Caprio, V., Banescu, C., Dobreanu, M., Potempa, L., Di Napoli, M., & Slevin, M. (2024). mCRP-induced focal adhesion kinase-dependent monocyte aggregation and M1 polarization, which was partially blocked by the C10M inhibitor. *International Journal of Molecular Sciences*, 25(6), 3097. <https://doi.org/10.3390/ijms25063097>
- Pastorello, Y., Russo, A. P., Bănescu, C., Caprio, V., Gáll, Z., Potempa, L., Cordoş, B., Di Napoli, M., & Slevin, M. (2024). Brain vascular expression of monomeric C-reactive protein is blocked by C10M following intraperitoneal injection in an ApoE^{-/-} murine model of dyslipidemia: an immunohistochemical analysis. *Cureus*, 16(5), e60682. <https://doi.org/10.7759/cureus.60682>
- Heidari, N., Olgati, S., Meloni, D., Slevin, M., Noorani, A., Pirovano, F., & Azamfirei, L. (2024). A quantum-enhanced precision medicine application to support data-driven clinical decisions for the personalized treatment of advanced knee osteoarthritis: the development and preliminary validation of precisionKNEE_QNN. *Cureus*, 16(1), e52093. <https://doi.org/10.7759/cureus.52093>
- Heidari, N., Olgati, S., Meloni, D., Parkin, J., Fish, B., Slevin, M., & Azamfirei, L. (2024). A gender-bias-mitigated, data-driven precision medicine system to assist in the selection of biological treatments of grade 3 and 4 knee osteoarthritis: development and preliminary validation of precisionKNEE. *Cureus*, 16(3), e55832. <https://doi.org/10.7759/cureus.55832>
- Borodi, P. G., Slevin, M., Hopulele-Petri, A., Crainic, A., Pop, P., Gavriş, I. M., & Gavriş, M. M. (2024). Comparative analysis of retinal structural and angiographic parameters in diabetic patients, Alzheimer's disease patients, and healthy controls: an OCT-based study. *Romanian Journal of Ophthalmology*, 68(2), 143-147. <https://doi.org/10.22336/rjo.2024.26>
- (2023)**
- Pastorello, Y., Carare, R. O., Banescu, C., Potempa, L., Di Napoli, M., & Slevin, M. (2023). Monomeric C-reactive protein: A novel biomarker predicting neurodegenerative disease and vascular dysfunction. *Brain Pathology*, 33(6), e13164. <https://doi.org/10.1111/bpa.13164>
- Cooper, J., Pastorello, Y., & Slevin, M. (2023). A meta-analysis investigating the relationship between inflammation in autoimmune disease, elevated CRP, and the risk of dementia. *Frontiers in Immunology*, 14, 1087571. <https://doi.org/10.3389/fimmu.2023.1087571>
- Manu, D. R., Slevin, M., Barcutean, L., Forro, T., Boghitou, T., & Balasa, R. (2023). Astrocyte involvement in blood-brain barrier function: A critical update highlighting novel, complex, neurovascular interactions. *International Journal of Molecular Sciences*, 24(24), 17146. <https://doi.org/10.3390/ijms242417146>
- Salagean, A., Nechifor-Boila, A., Bajwa, N., Pastorello, Y., & Slevin, M. (2023). Micro-fragmented adipose tissue as a natural scaffold for targeted drug delivery in brain cancer. *International Journal of Molecular Sciences*, 24(14), 11530. <https://doi.org/10.3390/ijms241411530>
- Slevin, M. (2023). Progress in stratified stroke characterization-associated with better diagnosis, accurate prognosis and improved treatment strategies. *Brain Pathology*, 33(2), e13149. <https://doi.org/10.1111/bpa.13149>
- Arnaut, N., Pastorello, Y., & Slevin, M. (2024). Monomeric C-reactive protein: a link between chronic inflammation and neurodegeneration? *Neural Regeneration Research*, 19(8), 1643-1644. <https://doi.org/10.4103/1673-5374.389640>
- Balmos, I. A., Slevin, M., Brinzaniuc, K., Muresan, A. V., Suci, H., Molnár, G. B., Mocian, A., Szabó, B., Nagy, E. E., & Horváth, E. (2023). Intraplaque neovascularization, CD68⁺ and iNOS²⁺ macrophage infiltrate intensity are associated with atherothrombosis and intraplaque

(2022)

- Editorial: C-Reactive Protein in Age-Related Disorders, Volume II. Slevin M, Molins B. *Front Immunol*. 2022 Mar 8;13:876431. doi: 10.3389/fimmu.2022.876431. eCollection 2022. PMID: 35350783 Free PMC article. No abstract available.
- Monomeric C-Reactive Protein: Current Perspectives for Utilization and Inclusion as a Prognostic Indicator and Therapeutic Target. Slevin M, Heidari N, Azamfirei L. *Front Immunol*. 2022 Mar 4;13:866379. doi: 10.3389/fimmu.2022.866379. eCollection 2022. PMID: 35309334 Free PMC article. Review.
- Polydatin Prevents Neuroinflammation and Relieves Depression via Regulating Sirt1/HMGB1/NF-κB Signaling in Mice. Bian H, Xiao L, Liang L, Xie Y, Wang H, Slevin M, Tu WJ, Wang G. *Neurotox Res*. 2022 Oct;40(5):1393-1404. doi: 10.1007/s12640-022-00553-z. Epub 2022 Aug 20. PMID: 35986876

Comparison of the Effect of MFAT and MFAT + PRP on Treatment of Hip Osteoarthritis: An Observational, Intention-to-Treat Study at One Year. Heidari N, Slevin M, Zeinolabediny Y, Meloni D, Olgiati S, Wilson A, Noorani A, Azamfirei L. *J Clin Med*. 2022 Feb 17;11(4):1056. doi: 10.3390/jcm11041056. PMID: 35207329 Free PMC article.

Case Report: Coexistence of generalized arterial calcification of infancy (GACI) and maternal infections with cytomegalovirus and Toxoplasma gondii-unexpected fatal complication in a newborn. Gurzu S, Burlacu D, Santa R, Jung I, Slevin M, Fulop E.

(2021)

A gender-bias-mitigated, data-driven precision medicine system to assist in the selection of biological treatments of grade 3 and 4 knee osteoarthritis: development and preliminary validation of precisionKNEE. Heidari N, Parkin J, Olgiati S, Meloni D, Fish B, Noorani A, Slevin M, Azamfirei L. *BMJ; Medrxiv Report*, pp1-6 2021 in press.

Sex Comparison of Knee Extensor Size, Strength, and Fatigue Adaptation to Sprint Interval Training. Bagley L, Al-Shanti N, Bradburn S, Baig O, Slevin M, McPhee JS. *J Strength Cond Res*. 2021 Jan 1;35(1):64-71. doi: 10.1519/JSC.0000000000002496.

GPR43 regulates sodium butyrate-induced angiogenesis and matrix remodeling. mCastro PR, Bittencourt LFF, Larochelle S, Andrade SP, Mackay CR, Slevin M, Moulin VJ, Barcelos LS. *Am J Physiol Heart Circ Physiol*. 2021 Mar 1;320(3):H1066-H1079. doi: 0.1152/ajpheart.00515.2019. Epub 2020 Dec 24.

Monomeric C-Reactive Protein - A Feature of Inflammatory Disease Associated With Cardiovascular Pathophysiological Complications? Zeinolabediny Y, Kumar S, Slevin M. *In Vivo*. 2021 Mar-Apr;35(2):693-697. doi: 10.21873/invivo.12309. PMID: 33622861 Free PMC article. Review.

Evolution toward beta common chain receptor usage links the matrix proteins of HIV-1 and its ancestors to human erythropoietin. Caccuri F, D'Ursi P, Uggeri M, Bugatti A, Mazzuca P, Zani A, Filippini F, Salmons M, Ribatti D, Slevin M, Orro A, Lu W, Liò P, Gallo RC, Caruso A. *Proc Natl Acad Sci U S A*. 2021 Jan 12;118(2):e2021366118. doi: 10.1073/pnas.2021366118. PMID: 33372148 Free PMC article.

Prevalence and risk factors for diabetic neuropathy and painful diabetic neuropathy in primary and secondary healthcare in Qatar. Ponirakis G, Elhadd T, Chinnaiyan S, Hamza AH, Sheik S, Kalathingal MA, Anodiyil MS, Dabbous Z, Siddique MA, Almuhammad H, Petropoulos IN, Khan A, Ashawesh K, Dukhan KM, Mahfoud ZR, Zirie MA, Jayyousi A, Murgatroyd C, Slevin M, Malik RA. *J Diabetes Investig*. 2021 Apr;12(4):592-600. doi: 10.1111/jdi.13388. Epub 2020 Sep 14.

p5 Peptide-Loaded Human Adipose-Derived Mesenchymal Stem Cells Promote Neurological Recovery After Focal Cerebral Ischemia in a Rat Model. Paudyal A, Ghinea FS, Driga MP, Fang WH, Alessandri G, Combes L, Degens H, Slevin M, Hermann DM, Popa-Wagner A. *Transl Stroke Res*. 2021 Feb;12(1):125-135. doi: 10.1007/s12975-020-00805-0. Epub 2020 May 6.

Characterisation of Novel Angiogenic and Potent Anti-Inflammatory Effects of Micro-Fragmented Adipose Tissue. Guo B, Sawkulycz X, Heidari N, Rogers R, Liu D, Slevin M. *Int J Mol Sci*. 2021 Mar 23;22(6):3271. doi: 10.3390/ijms22063271. PMID: 33806897 Free PMC article.

CD105 (Endoglin): A Potential Anticancer Therapeutic Inhibits Mitogenesis and Map Kinase Pathway Activation. Liu D, Kumar S, Ashworth J, Ali K, Fadel A, Guo B, Slevin M. *Anticancer Res*. 2021 Mar;41(3):1219-1229. doi: 10.21873/anticancer.14879.

C-Reactive Protein Levels and Clinical Prognosis in LAA-Type Stroke Patients: A Prospective Cohort Study. Zeng Q, Zeng Y, Slevin M, Guo B, Shen Z, Deng B, Zhang W. *Biomed Res Int*. 2021 Jun 8;2021:6671043. doi: 10.1155/2021/6671043. eCollection 2021. PMID: 34212039 Free PMC article.

Gender-Specific Response in Pain and Function to Biologic Treatment of Knee Osteoarthritis: A Gender-Bias-Mitigated, Observational, Intention-to-Treat Study at Two Years. Borg TM, Heidari N, Noorani A, Slevin M, Cullen A, Olgiati S, Zerbi A, Danovi A, Wilson A. *Stem Cells Int*. 2021 Feb 25;2021:6648437. doi: 10.1155/2021/6648437. eCollection 2021.

Pulmonary arterial hypertension (PAH) from autopsy study: T-cells, B-cells and mastocytes detection as morphological evidence of immunologically mediated pathogenesis. Mansueto G, Di Napoli M, Campobasso CP, Slevin M. *Pathol Res Pract*. 2021 Sep;225:153552. doi: 10.1016/j.prp.2021.153552. Epub 2021 Jul 16.

Monomeric C-Reactive Protein Localized in the Cerebral Tissue of Damaged Vascular Brain Regions Is Associated With Neuro-Inflammation and Neurodegeneration-An Immunohistochemical Study. Al-Baradie RS, Pu S, Liu D, Zeinolabediny Y, Ferris G, Sanfeli C, Corpas R, Garcia-Lara E, Alsagaby SA, Alshehri BM, Abdel-Hadi AM, Ahmad F, Moatari P, Heidari N, Slevin M. *Front Immunol*. 2021 Mar 16;12:644213. doi: 10.3389/fimmu.2021.644213. eCollection 2021.

Antibody Protection against Long-Term Memory Loss Induced by Monomeric C-Reactive Protein in a Mouse Model of Dementia. Garcia-Lara E, Aguirre S, Clotet N, Sawkulycz X, Bartra C, Almenara-Fuentes L, Suñol C, Corpas R, Olah P, Tripon F, Crauciuc A, Slevin M, Sanfeliu C. *Biomedicines*. 2021 Jul 16;9(7):828. doi: 10.3390/biomedicines9070828. PMID: 34356892 Free PMC article.

Microfragmented Adipose Tissue Injection (MFAT) May Be a Solution to the Rationing of Total Knee Replacement: A Prospective, Gender-Bias Mitigated, Reproducible Analysis at Two Years. Heidari N, Borg TM, Olgiati S, Slevin M, Danovi A, Fish B, Wilson A, Noorani A. *Stem Cells Int.* 2021 Jun 9;2021:9921015. doi: 10.1155/2021/9921015. eCollection 2021.

Changes in muscle-tendon unit length-force characteristics following experimentally induced photothrombotic stroke cannot be explained by changes in muscle belly structure. Paudyal A, Degens H, Baan GC, Noort W, Slevin M, van Wegen E, Kwakkel G, Maas H. *Eur J Appl Physiol.* 2021 Sep;121(9):2509-2519. doi: 10.1007/s00421-021-04729-x. Epub 2021 Jun 1. PMID: 34061247 Free PMC article.

(2020)

Monomeric C-Reactive Protein Aggravates Secondary Degeneration after Intracerebral Haemorrhagic Stroke and May Function as a Sensor for Systemic Inflammation. Slevin M, E EG, Capitanescu B, Sanfeliu C, Zeinolabediny Y, AlBaradie R, Olah P, Guo B, Pirici D, Napoli MD, Popa-Wagner A. *J Clin Med.* 2020 Sep 22;9(9):3053. doi: 10.3390/jcm9093053.

Prevalence and management of diabetic neuropathy in secondary care in Qatar. Ponirakis G, Elhadd T, Chinnaiyan S, Dabbous Z, Siddiqui M, Al-Muhammadi H, Petropoulos IN, Khan A, Ashawesh KAE, Dukhan KMO, Mahfoud ZR, Murgatroyd C, Slevin M, Malik RA. *Diabetes Metab Res Rev.* 2020 May;36(4):e3286. doi: 10.1002/dmrr.3286. Epub 2020 Jan 23.

Role of Autophagy in Von Willebrand Factor Secretion by Endothelial Cells and in the In Vivo Thrombin-Antithrombin Complex Formation Promoted by the HIV-1 Matrix Protein p17. Bugatti A, Marsico S, Mazzuca P, Schulze K, Ebensen T, Giagulli C, Peña E, Badimón L, Slevin M, Caruso A, Guzman CA, Caccuri F. *Int J Mol Sci.* 2020 Mar 16;21(6):2022. doi: 10.3390/ijms21062022. PMID: 32188077 Free PMC article.

Electric Stimulation of Neurogenesis Improves Behavioral Recovery After Focal Ischemia in Aged Rats. Balseanu AT, Grigore M, Pinosanu LR, Slevin M, Hermann DM, Glavan D, Popa-Wagner A. *Front Neurosci.* 2020 Jul 9;14:732. doi: 10.3389/fnins.2020.00732. eCollection 2020.

Patient-Centered Outcomes of Microfragmented Adipose Tissue Treatments of Knee Osteoarthritis: An Observational, Intention-to-Treat Study at Twelve Months. Heidari N, Noorani A, Slevin M, Cullen A, Stark L, Olgiati S, Zerbi A, Wilson A. *Stem Cells Int.* 2020 Aug 4;2020:8881405. doi: 10.1155/2020/8881405. eCollection 2020. PMID: 32831853 Free PMC article.

Activation of C-reactive protein proinflammatory phenotype in the blood retinal barrier in vitro: implications for age-related macular degeneration. Romero-Vázquez S, Adán A, Figueras-Roca M, Llorenç V, Slevin M, Vilahur G, Badimon L, Dick AD, Molins B. *Aging (Albany NY).* 2020 Jul 16;12(14):13905-13923. doi: 10.18632/aging.103655. Epub 2020 Jul 16.

(other recent 4* / Q1 papers 2012-2019)

Liu D, Zeinolabediny Y, Caccuri F, Ferris G, Fang WH, Weston R, Krupinski J, Colombo L, Salmona M, Corpas R, Sarroca S, Sanfeliu C, Caruso A, Guo B, Zeng X, Slevin M. p17 from HIV induces brain endothelial cell angiogenesis through EGFR-1-mediated cell signalling activation. *Lab Invest.* 2019 Feb;99(2):180-190. doi: 10.1038/s41374-018-0147-z.

Nava S, Sordi V, Pascucci L, Tremolada C, Ciusani E, Zeira O, Cadei M, Soldati G, Pessina A, Parati E, Slevin M, Alessandri G. Long-Lasting Anti-Inflammatory Activity of Human Microfragmented Adipose Tissue. *Stem Cells Int.* 2019 Feb 19;2019:5901479. doi: 10.1155/2019/5901479.

Absolute risk and predictors of the growth of acute spontaneous intracerebral haemorrhage: a systematic review and meta-analysis of individual patient data. *Lancet Neurol.* 2018 Aug 14. S1474-4422(18)30253-9. 17(10):885-894 doi: 10.1016/S1474-4422(18)30253-9. Al-Shahi Salman et al (Collaborator listed).

The effect of C-reactive protein isoforms on Nitric Oxide production by U937 monocytes/macrophages. Sproston NR, El Mohtadi M, Slevin M, Gilmore W, Ashworth JJ (2018). *Front Immunol* Jul 2:9, 1500.

Acetylcholine inhibits Monomeric C-reactive protein induced inflammation, endothelial cell adhesion and platelet aggregation; a potential therapeutic? Slevin M, Lemma S, Zeinolabediny Y et al (2018). *Front Immunol* September 26th;9, 2124.

Clinical Course and Outcomes of Small Supratentorial Intracerebral Hematomas. Behrouz R, Misra V, Godoy DA, Topel CH, Masotti L, Klijn CJM, Smith CJ, Parry-Jones AR, Slevin MA, Silver B, Willey JZ, Masjuán Vallejo J, Nzwalo H, Popa-Wagner A, Malek AR, Hafeez S, Di Napoli M; MNEMONICH Investigators. *J Stroke Cerebrovasc Dis.* 2017 Jun;26(6):1216-1221

Optimisation of a Novel Spiral-Inducing Bypass Graft Using Computational Fluid Dynamics. Ruiz-Soler A, Kabinejadian F, Slevin MA, Bartolo PJ, Keshmiri A. *Nature Sci Rep.* 2017 May 12;7(1):1865

HIV-1 matrix protein p17 misfolding forms toxic amyloidogenic assemblies that induce neurocognitive disorders. Zeinolabediny Y, Caccuri F, Colombo L, Morelli F, Romeo M, Rossi A, Schiarea S, Ciaramelli C, Airolidi C, Weston R, Donghui L, Krupinski J, Corpas R, García-Lara E, Sarroca S, Sanfeliu C, Slevin M, Caruso A, Salmona M, Diomedea L. *Nature Sci Rep.* 2017 Sep 4;7(1):10313

Low concentrations of sodium butyrate from ultrabraid + NaBu suture promotes angiogenesis and tissue remodeling in tendon-bone injuries. Liu D, Andrade SP, Castro PR, Treacy J, Ashworth J, Slevin M. *Nature Sci Rep* (2016). 3:34649.

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