



## Catherine LEON

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Citations	6140	1679
indice h	41	24
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### Diploma

- 2005 : Research Direction habilitation (HDR), University of Strasbourg
- 2002: University diploma for Animal Experimentation
- 1993 : PhD: Cell and Molecular Biology, University of Strasbourg
- 1990 : Engineer in Biotechnology, Ecole Supérieure de Biotechnologie de Strasbourg
- 1990: Diplôme d'Etude Approfondies (Master), University of Strasbourg

### Prices and distinctions

- 2020: Recognized as an Expertscape Expert in Megakaryocytes (Blood Cancer Awareness Month (September 2021). Top 1% of scholars writing on megakaryocytes (<https://expertscape.com/ex/megakaryocytes>)
- 2001: Young researcher, ISTH (international Society on Thrombosis and Haemostasis) meeting, 2001, France
- 1999: Young researcher, ISTH (international Society on Thrombosis and Haemostasis) meeting, 1999, Washington
- 1996: GEHT price (French hemostasis and Thrombosis group), 1996, France

### Present

- Since 01/10/2016: INSERM Research Director (DR2)  
UMR\_S1255: Biology and pharmacology of blood platelets: hemostasis, thrombosis, transfusion  
**Directeur: Pierre Mangin –Strasbourg, France**

### Research Interest

- Blood platelet function: hemostasis and thrombosis**
- Blood platelet formation: megakaryocytopoiesis and thrombopoiesis**
- Cell and molecular biology**
- Mechanobiology**

### Mentoring

- Post-doctoral:** Alicia Bornert : 2016-2018 and 2019-2020  
Thao Nguyen: 2016-2019
- PhD students:** Faten Tlili: since 26/09/2022  
Ines Guinard: since 01/10/2019  
Julie Boscher : 01/10/2017-16/09/2021  
Alicia Aguilar: 01/10/2016-10/04/2017  
Fabien Pertuy : 01/10/2010-15/03/2014

#### Masters and Bachelor students

### Grants

- 2021: European Grant Marie Sklodowska Curie (EURIdoc program co-financement Horizon 2020), PI
- 2018: ANR-2018, PlatforMechanics, PI
- 2016: IDEX-University of Strasbourg: Post-doctoral fellowship, PI
- 2016: APR-EFS-2016: Post-doctoral fellowship, PI

## Meeting organization

- 2014: European Platelet Network meeting
- 2022 and 2023 : French Hematology Society meeting organization
- 2023 : Meeting of the French Club of Platelet and Megakaryocyte
- 2023: Meeting of the SFBMEc (French Society of the extracellular matrix biology)

## Teaching

- 2019-2021: PathBio summer courses: « IMAGIN(E)G MOUSE MASTER CLASS for the 3Rs” (Institut Clinique de la souris, Illkirch)

## Invitations to meetings

- 2022: : XXVIIIth congrès ISTH, SSC, London. ***Mechanical Confinement and Matrix Stiffness: Impact on Megakaryocyte Behavior and Proplatelet Formation***
- 2022: 4<sup>th</sup> Platelet Meeting-Wurzburg: 4th Platelets Symposium: Platelets – Molecular, cellular and systemic functions in health and disease. June 23-25. ***How does matrix stiffness impact megakaryocyte and proplatelet formation?***
- 2021: 37<sup>ème</sup> journée Institut Cochin/JC Dreyfus, Paris, France - ***Megakaryocytes: Role in platelet production and beyond***
- 2020: XXVIIIth congrès ISTH, Virtuel, Milan, Italy. - ***Can models influence the results? Proplatelet formation: influence of in-vivo, ex-vivo and in-vitro models.***
- 2019: 7<sup>ème</sup> rencontre du Club Français des Plaquettes et des Mégacaryocytes, Toulouse, France - ***Rôle du cytosquelette dans la formation des proplaquettes in vivo.***
- 2018: 64<sup>è</sup> meeting annuel des comités de standardization (SSC) de l’ISTH, Dublin, Irlande - ***In vivo proplatelet formation: importance of hemodynamics.***
- 2017: Gordon Research conference « Biology of platelets and megakaryocytes », Lucca, Italie – ***Actomyosin, key player at multiple steps in platelet biogenesis*** ».
- 2017: 37<sup>è</sup> congrès de la société Française d’Hématologie, Paris – « ***Culture des mégacaryocytes et formation de proplaquettes dans un environnement 3D*** ».
- 2015: 3<sup>ème</sup> rencontre du Club Français des Plaquettes et des Mégacaryocytes, Strasbourg – ***La myosine non-musculaire dans la différenciation mégacaryocytaire et la formation des plaquettes*** ».
- 2013: 14th Annual UK Platelet Group Meeting, Birmingham, UK. – ***Myosin IIA: critical regulator of platelet production*** ».
- 2012: ITMO Italian/French hemostasis meeting, Paris. – « ***Romiplostim in MYH9 diseases*** ».
- 2011: XXIIIème congrès ISTH, Kyoto, Japon. – « ***Mouse models of macrothrombocytopenia*** ».

## Expertize

### Evaluation of national and international projects

- 2021: French Biomedicine Agency
- 2021: French Society of hematology
- 2020: Medical Research Council, UK
- 2016: Science Academy– Austria
- 2016: IDEX-University of Strasbourg
- 2015: French National Research Agency (ANR)
- 2011: French National Research Agency (ANR)

### Scientific reviewing

Haematologica, Nature Medicine, Nature Communication, Blood, Thrombosis and Haemostasis, Journal of Thrombosis and Haemostasis, Platelet, ...

## Jury panels

- PhD : 11
- Competition for PhD grants (Doctoral School, Strasbourg)
- Competition for PhD grants (Doctoral School, Nancy)

## Societies

- Member of the French Hematology Society (SFH)
- 2021: Elected to the Board of Directors of the SFH

1. **Oprescu, Michel, Antkowiak, Vega, Viaud, Courtneidge, Eckly, de la Salle, Chicanne, Leon, Payrastre, Gaits-lacovoni.** Megakaryocytes form linear podosomes devoid of digestive properties to remodel medullar matrix. *Sci Rep.* 2022;12:[10.1038/s41598-022-10215-x](https://doi.org/10.1038/s41598-022-10215-x).
2. **Guinard, Lanza, Gachet, Leon, Eckly.** Proplatelet Formation Dynamics of Mouse Fresh Bone Marrow Explants. *J Vis Exp.* 2021:[10.3791/62501](https://doi.org/10.3791/62501).
3. **Boscher, Gachet, Lanza, Leon.** Megakaryocyte Culture in 3D Methylcellulose-Based Hydrogel to Improve Cell Maturation and Study the Impact of Stiffness and Confinement. *J Vis Exp.* 2021:[10.3791/62511](https://doi.org/10.3791/62511).
4. **Bornert, Pertuy, Lanza, Gachet, Leon.** In Vivo Two-photon Imaging of Megakaryocytes and Proplatelets in the Mouse Skull Bone Marrow. *J Vis Exp.* 2021:[10.3791/62515](https://doi.org/10.3791/62515).
5. **Bornert, Boscher, Pertuy, Eckly, Stegner, Strassel, Gachet, Lanza, Leon.** Cytoskeletal-based mechanisms differently regulate in vivo and in vitro proplatelet formation. *Haematologica.* 2021;106:[10.3324/haematol.2019.239111](https://doi.org/10.3324/haematol.2019.239111).
6. **Eckly, Scandola, Oprescu, Michel, Rinckel, Proamer, Hoffmann, Receveur, Leon, Bear, Ghalloussi, Harousseau, Bergmeier, Lanza, Gaits-lacovoni, de la Salle, Gachet.** Megakaryocytes use in vivo podosome-like structures working collectively to penetrate the endothelial barrier of bone marrow sinusoids. *J Thromb Haemost.* 2020;18:[10.1111/jth.15024](https://doi.org/10.1111/jth.15024).
7. **Boscher, Guinard, Eckly, Lanza, Leon.** Blood platelet formation at a glance. *J Cell Sci.* 2020;133:[10.1242/jcs.244731](https://doi.org/10.1242/jcs.244731).
8. **Bornert, Boscher, Pertuy, Eckly, Stegner, Strassel, Gachet, Lanza, Leon.** Cytoskeletal-based mechanisms differently regulate in vivo and in vitro proplatelet formation. *Haematologica.* 2020;[10.3324/haematol.2019.239111](https://doi.org/10.3324/haematol.2019.239111).
9. **Nechipurenko, Receveur, Yakimenko, Shepelyuk, Yakusheva, Kerimov, Obydenny, Eckly, Leon, Gachet, Grishchuk, Ataulkhanov, Mangin, Panteleev.** Clot Contraction Drives the Translocation of Procoagulant Platelets to Thrombus Surface. *Arterioscler Thromb Vasc Biol.* 2019;39:[10.1161/ATVBAHA.118.311390](https://doi.org/10.1161/ATVBAHA.118.311390).
10. **Aguilar, Weber, Boscher, Freund, Ziessel, Eckly, Magnenat, Bourdon, Hechler, Mangin, Gachet, Lanza, Leon.** Combined deficiency of RAB32 and RAB38 in the mouse mimics Hermansky-Pudlak syndrome and critically impairs thrombosis. *Blood Adv.* 2019;3:[10.1182/bloodadvances.2019031286](https://doi.org/10.1182/bloodadvances.2019031286).
11. **Leiva, Leon, Kah Ng, Mangin, Gachet, Ravid.** The role of extracellular matrix stiffness in megakaryocyte and platelet development and function. *Am J Hematol.* 2018;93:[10.1002/ajh.25008](https://doi.org/10.1002/ajh.25008).
12. **Aguilar, Boscher, Pertuy, Gachet, Leon.** Three-Dimensional Culture in a Methylcellulose-Based Hydrogel to Study the Impact of Stiffness on Megakaryocyte Differentiation. *Methods Mol Biol.* 2018;1812:[10.1007/978-1-4939-8585-2\\_9](https://doi.org/10.1007/978-1-4939-8585-2_9).
13. **Gaertner, Ahmad, Rosenberger, Fan, Nicolai, Busch, Yavuz, Luckner, Ishikawa-Ankerhold, Hennel, Benechet, Lorenz, Chandraratne, Schubert, Helmer, Striednig, Stark, Janko, Bottcher, Verschoor, Leon, Gachet, Gudermann, Mederos, Pincus, Iannacone, Haas, Wanner, Lauber, Sixt, Massberg.** Migrating Platelets Are Mechano-scavengers that Collect and Bundle Bacteria. *Cell.* 2017;171:[10.1016/j.cell.2017.11.001](https://doi.org/10.1016/j.cell.2017.11.001).
14. **Leon, Dupuis, Gachet, Lanza.** The contribution of mouse models to the understanding of constitutional thrombocytopenia. *Haematologica.* 2016;101:[10.3324/haematol.2015.139394](https://doi.org/10.3324/haematol.2015.139394).
15. **Antkowiak, Viaud, Severin, Zanoun, Ceccato, Chicanne, Strassel, Eckly, Leon, Gachet, Payrastre, Gaits-lacovoni.** Cdc42-dependent F-actin dynamics drive structuration of the demarcation membrane system in megakaryocytes. *J Thromb Haemost.* 2016;14:[10.1111/jth.13318](https://doi.org/10.1111/jth.13318).

16. **Aguilar, Pertuy, Eckly, Strassel, Collin, Gachet, Lanza, Leon.** Importance of environmental stiffness for megakaryocyte differentiation and proplatelet formation. *Blood*. 2016;128:[10.1182/blood-2016-02-699959](#).
17. **Pertuy, Aguilar, Strassel, Eckly, Freund, Duluc, Gachet, Lanza, Leon.** Broader expression of the mouse platelet factor 4-cre transgene beyond the megakaryocyte lineage. *J Thromb Haemost*. 2015;13:[10.1111/jth.12784](#).
18. **Badirou, Pan, Souquere, Legrand, Pierron, Wang, Eckly, Roy, Gachet, Vainchenker, Chang, Leon.** Distinct localizations and roles of non-muscle myosin II during proplatelet formation and platelet release. *J Thromb Haemost*. 2015;13:[10.1111/jth.12887](#).
19. **Shin, Buxboim, Spinler, Swift, Christian, Hunter, Leon, Gachet, Dingal, Ivanovska, Rehfeldt, Chasis, Discher.** Contractile forces sustain and polarize hematopoiesis from stem and progenitor cells. *Cell Stem Cell*. 2014;14:[10.1016/j.stem.2013.10.009](#).
20. **Pertuy, Eckly, Weber, Proamer, Rinckel, Lanza, Gachet, Leon.** Myosin IIA is critical for organelle distribution and F-actin organization in megakaryocytes and platelets. *Blood*. 2014;123:[10.1182/blood-2013-06-508168](#).
21. **Eckly, Heijnen, Pertuy, Geerts, Proamer, Rinckel, Leon, Lanza, Gachet.** Biogenesis of the demarcation membrane system (DMS) in megakaryocytes. *Blood*. 2014;123:[10.1182/blood-2013-03-492330](#).
22. **Schachtner, Calaminus, Sinclair, Monypenny, Blundell, Leon, Holyoake, Thrasher, Michie, Vukovic, Gachet, Jones, Thomas, Watson, Machesky.** Megakaryocytes assemble podosomes that degrade matrix and protrude through basement membrane. *Blood*. 2013;121:[10.1182/blood-2012-07-443457](#).
23. **Strassel, Eckly, Leon, Moog, Cazenave, Gachet, Lanza.** Hirudin and heparin enable efficient megakaryocyte differentiation of mouse bone marrow progenitors. *Exp Cell Res*. 2012;318:[10.1016/j.yexcr.2011.10.003](#).
24. **Lordier, Bluteau, Jalil, Legrand, Pan, Rameau, Jouni, Bluteau, Mercher, Leon, Gachet, Debili, Vainchenker, Raslova, Chang.** RUNX1-induced silencing of non-muscle myosin heavy chain IIB contributes to megakaryocyte polyploidization. *Nat Commun*. 2012;3:[10.1038/ncomms1704](#).
25. **Leon, Evert, Dombrowski, Pertuy, Eckly, Laeuffer, Gachet, Greinacher.** Romiplostim administration shows reduced megakaryocyte response-capacity and increased myelofibrosis in a mouse model of MYH9-RD. *Blood*. 2012;119:[10.1182/blood-2011-08-373811](#).
26. **Eckly, Strassel, Cazenave, Lanza, Leon, Gachet.** Characterization of megakaryocyte development in the native bone marrow environment. *Methods Mol Biol*. 2012;788:[10.1007/978-1-61779-307-3\\_13](#).
27. **Zerr, Hechler, Freund, Magnenat, Lanois, Cazenave, Leon, Gachet.** Major contribution of the P2Y<sub>1</sub> receptor in purinergic regulation of TNF $\alpha$ -induced vascular inflammation. *Circulation*. 2011;123:[10.1161/CIRCULATIONAHA.110.002139](#).
28. **Johnstone, Zhang, George, Leon, Gachet, Wong, Parekh, Holzman.** Podocyte-specific deletion of Myh9 encoding nonmuscle myosin heavy chain 2A predisposes mice to glomerulopathy. *Mol Cell Biol*. 2011;31:[10.1128/MCB.05234-11](#).
29. **Eckly, Rinckel, Laeuffer, Cazenave, Lanza, Gachet, Leon.** Proplatelet formation deficit and megakaryocyte death contribute to thrombocytopenia in Myh9 knockout mice. *J Thromb Haemost*. 2010;8:[10.1111/j.1538-7836.2010.04009.x](#).
30. **Strassel, Eckly, Leon, Petitjean, Freund, Cazenave, Gachet, Lanza.** Intrinsic impaired proplatelet formation and microtubule coil assembly of megakaryocytes in a mouse model of Bernard-Soulier syndrome. *Haematologica*. 2009;94:[10.3324/haematol.2008.001032](#).
31. **Reiner, Ziegler, Leon, Lorenz, von Hayn, Gachet, Lohse, Hoffmann.** beta-Arrestin-2 interaction and internalization of the human P2Y<sub>1</sub> receptor are dependent on C-terminal phosphorylation sites. *Mol Pharmacol*. 2009;76:[10.1124/mol.109.060467](#).
32. **Eckly, Strassel, Freund, Cazenave, Lanza, Gachet, Leon.** Abnormal megakaryocyte morphology and proplatelet formation in mice with megakaryocyte-restricted MYH9 inactivation. *Blood*. 2009;113:[10.1182/blood-2008-06-164061](#).

33. **Aleil, Leon, Cazenave, Gachet.** CYP2C19\*2 polymorphism is not the sole determinant of the response to clopidogrel: implications for its monitoring. *J Thromb Haemost.* 2009;7:[10.1111/j.1538-7836.2009.03554.x](#).
34. **Atterbury-Thomas, Leon, Gachet, Forsythe, Evans.** Contribution of P2Y(1) receptors to ADP signalling in mouse spinal cord cultures. *Neurosci Lett.* 2008;435:[10.1016/j.neulet.2008.02.034](#).
35. **Strassel, Nonne, Eckly, David, Leon, Freund, Cazenave, Gachet, Lanza.** Decreased thrombotic tendency in mouse models of the Bernard-Soulier syndrome. *Arterioscler Thromb Vasc Biol.* 2007;27:[10.1161/01.ATV.0000251992.47053.75](#).
36. **Leon, Eckly, Hechler, Aleil, Freund, Ravanat, Jourdain, Nonne, Weber, Tiedt, Gratacap, Severin, Cazenave, Lanza, Skoda, Gachet.** Megakaryocyte-restricted MYH9 inactivation dramatically affects hemostasis while preserving platelet aggregation and secretion. *Blood.* 2007;110:[10.1182/blood-2007-03-080184](#).
37. **Hohenstein, Renk, Lang, Daniel, Freund, Leon, Amann, Gachet, Hugo.** P2Y1 gene deficiency protects from renal disease progression and capillary rarefaction during passive crescentic glomerulonephritis. *J Am Soc Nephrol.* 2007;18:[10.1681/ASN.2006050439](#).
38. **Gachet, Leon, Hechler.** The platelet P2 receptors in arterial thrombosis. *Blood Cells Mol Dis.* 2006;36:[10.1016/j.bcmd.2005.12.024](#).
39. **Arthur, Shen, Mu, Leon, Gachet, Berndt, Andrews.** Calmodulin interacts with the platelet ADP receptor P2Y1. *Biochem J.* 2006;398:[10.1042/BJ20060822](#).
40. **Tolhurst, Vial, Leon, Gachet, Evans, Mahaut-Smith.** Interplay between P2Y(1), P2Y(12), and P2X(1) receptors in the activation of megakaryocyte cation influx currents by ADP: evidence that the primary megakaryocyte represents a fully functional model of platelet P2 receptor signaling. *Blood.* 2005;106:[10.1182/blood-2005-02-0725](#).
41. **Martinez-Pinna, Gurung, Vial, Leon, Gachet, Evans, Mahaut-Smith.** Direct voltage control of signaling via P2Y1 and other G $\alpha$ q-coupled receptors. *J Biol Chem.* 2005;280:[10.1074/jbc.M407783200](#).
42. **Leon, Freund, Latchoumanin, Farret, Petit, Cazenave, Gachet.** The P2Y(1) receptor is involved in the maintenance of glucose homeostasis and in insulin secretion in mice. *Purinergic Signal.* 2005;1:[10.1007/s11302-005-6209-x](#).
43. **Baurand, Eckly, Hechler, Kauffenstein, Galzi, Cazenave, Leon, Gachet.** Differential regulation and relocalization of the platelet P2Y receptors after activation: a way to avoid loss of hemostatic properties? *Mol Pharmacol.* 2005;67:[10.1124/mol.104.004846](#).
44. **Leon, Alex, Klocke, Morgenstern, Moosbauer, Eckly, Spannagl, Gachet, Engelmann.** Platelet ADP receptors contribute to the initiation of intravascular coagulation. *Blood.* 2004;103:[10.1182/blood-2003-05-1385](#).
45. **Calvert, Atterbury-Thomas, Leon, Forsythe, Gachet, Evans.** Evidence for P2Y1, P2Y2, P2Y6 and atypical UTP-sensitive receptors coupled to rises in intracellular calcium in mouse cultured superior cervical ganglion neurons and glia. *Br J Pharmacol.* 2004;143:[10.1038/si.bjp.0705959](#).
46. **Moriyama, Iida, Kobayashi, Higashi, Fukuoka, Tsumura, Leon, Suzuki, Inoue, Gachet, Noguchi, Tominaga.** Possible involvement of P2Y2 metabotropic receptors in ATP-induced transient receptor potential vanilloid receptor 1-mediated thermal hypersensitivity. *J Neurosci.* 2003;23
47. **Leon, Ravanat, Freund, Cazenave, Gachet.** Differential involvement of the P2Y1 and P2Y12 receptors in platelet procoagulant activity. *Arterioscler Thromb Vasc Biol.* 2003;23:[10.1161/01.ATV.0000092127.16125.E6](#).
48. **Lenain, Freund, Leon, Cazenave, Gachet.** Inhibition of localized thrombosis in P2Y1-deficient mice and rodents treated with MRS2179, a P2Y1 receptor antagonist. *J Thromb Haemost.* 2003;1:[10.1046/j.1538-7836.2003.00144.x](#).
49. **Leon, Freund, Ravanat, Baurand, Cazenave, Gachet.** Key role of the P2Y(1) receptor in tissue factor-induced thrombin-dependent acute thromboembolism: studies in P2Y(1)-knockout mice and mice treated with a P2Y(1) antagonist. *Circulation.* 2001;103:[10.1161/01.cir.103.5.718](#).

50. **Kauffenstein, Bergmeier, Eckly, Ohlmann, Leon, Cazenave, Nieswandt, Gachet.** The P2Y<sub>12</sub> receptor induces platelet aggregation through weak activation of the alpha(IIb)beta(3) integrin--a phosphoinositide 3-kinase-dependent mechanism. *FEBS Lett.* 2001;505:[10.1016/s0014-5793\(01\)02824-1](#).
51. **Baurand, Raboisson, Freund, Leon, Cazenave, Bourguignon, Gachet.** Inhibition of platelet function by administration of MRS2179, a P2Y<sub>1</sub> receptor antagonist. *Eur J Pharmacol.* 2001;412:[10.1016/s0014-2999\(01\)00733-6](#).
52. **Baurand, Eckly, Bari, Leon, Hechler, Cazenave, Gachet.** Desensitization of the platelet aggregation response to ADP: differential down-regulation of the P2Y<sub>1</sub> and P2cyc receptors. *Thromb Haemost.* 2000;84
53. **Leon, Vial, Gachet, Ohlmann, Hechler, Cazenave, Lecchi, Cattaneo.** The P2Y<sub>1</sub> receptor is normal in a patient presenting a severe deficiency of ADP-induced platelet aggregation. *Thromb Haemost.* 1999;81
54. **Leon, Hechler, Freund, Eckly, Vial, Ohlmann, Dierich, LeMeur, Cazenave, Gachet.** Defective platelet aggregation and increased resistance to thrombosis in purinergic P2Y<sub>1</sub> receptor-null mice. *J Clin Invest.* 1999;104:[10.1172/JCI8399](#).
55. **Hechler, Vigne, Leon, Breittmayer, Gachet, Frelin.** ATP derivatives are antagonists of the P2Y<sub>1</sub> receptor: similarities to the platelet ADP receptor. *Mol Pharmacol.* 1998;53
56. **Hechler, Leon, Vial, Vigne, Frelin, Cazenave, Gachet.** The P2Y<sub>1</sub> receptor is necessary for adenosine 5'-diphosphate-induced platelet aggregation. *Blood.* 1998;92
57. **Vial, Hechler, Leon, Cazenave, Gachet.** Presence of P2X<sub>1</sub> purinoceptors in human platelets and megakaryoblastic cell lines. *Thromb Haemost.* 1997;78
58. **Leon, Hechler, Vial, Leray, Cazenave, Gachet.** The P2Y<sub>1</sub> receptor is an ADP receptor antagonized by ATP and expressed in platelets and megakaryoblastic cells. *FEBS Lett.* 1997;403:[10.1016/s0014-5793\(97\)00022-7](#).
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60. **Leon, Vial, Cazenave, Gachet.** Cloning and sequencing of a human cDNA encoding endothelial P2Y<sub>1</sub> purinoceptor. *Gene.* 1996;171:[10.1016/0378-1119\(96\)00027-3](#).
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ตำแหน่ง: นายกสมาคมโลหิตวิทยาแห่งประเทศไทย

รักษาการหัวหน้าฝ่ายธนาคารเลือด โรงพยาบาลจุฬาลงกรณ์

ประธานคณะกรรมการเฝ้าระวังความปลอดภัยในการใช้โลหิต (Thai Hemovigilance Committee)

หัวหน้าศูนย์ห้องปฏิบัติการทางการแพทย์ (CMDL) คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย

ผลงานตีพิมพ์:

1. Krajibthong S, Sahntipurna V, Parnsamut C, Pitakpolrat P, Pattanapongsak W, Watanaboonyongcharoen P, **Rojnuckarin P**. Randomised controlled trial of glucose-6-phosphate dehydrogenase (G-6-PD) deficient versus non-deficient red blood cell (RBC) transfusion in patients with hypoproliferative anaemia. *Transfus Med* 2022 May 9. doi: 10.1111/tme.12871.
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