

## Bibliography

### 1991

1. Chen, S., Ying, S., Li, X., Wang, J., Balance of polyunsaturated fatty acids of platelet and erythrocyte membrane and effect of low density lipoprotein, **Basic Medical Science and Clinics**, 11(5):50-53, 1991
2. Chen, S., Zhang, W., Ying, S., Li, X., Sun, L., Zhang, G., The effects of human blood plasma lipoproteins on platelets, **J Shanghai Medical University**, 18(6):471-474, 1991

### 1995

3. Ekstrom T.J., Cui H., Li, X., Ohlsson R., Promoter-specific IGF2 imprinting status and its plasticity during human liver development, **Development**, 121(2):309-316, 1995
4. Li, X., Adam G., Cui H., Sandstedtedt B., Ohlsson R., Ekstrom T.J. Expression, promoter usage and parental imprinting status of insulin-like growth factor II (*IGF2*) in human hepatoblastoma: uncoupling of IGF2 and H19 imprinting, **Oncogene**, 1(2):221-229, 1995

### 1996

5. Li, X., Cui H., Sandstedtedt B., Nordlinder H., Larsson E., Ekstrom T. J. Expression levels of the insulin-like growth factor-II gene (*IGF2*) in the human liver: developmental relationships of the four promoters, **J Endocrinol**, 149(1):117-124, 1996

### 1997

6. Li, X., Nong Z., Ekström C., Larsson E., Nordlinder H., Hofmann W. J, Trautwein C., Odenthal M., Dienes H.P., Ekstrom T. J. and Schirmacher P. Disrupted *IGF2* promoter control by silencing of promoter P1 in human hepatocellular carcinoma, **Cancer Res**, 57(10):2048-2054, 1997

### 1998

7. Li, X., Kogner P., Sandstedtedt B., Haas O.A., Ekstrom T.J. Promoter-specific methylation and expression alterations of *IGF2* and *H19* are involved in human hepatoblastoma, **Int J Cancer**, 75(2):176-180, 1998
8. Li, X., Gray S. G., Flam F., Pietsch T. and Ekstrom, T. J. Developmental-dependent DNA methylation of the *IGF2* and *H19* promoters is correlated to the promoter activities in human liver development, **Int J Dev Biol**, 42(5):637-740, 1998

### 2000

9. Li, X., Ponten A., Aase K., Linda K., Abramsson A., Uutela M., Backman G., Hellstrom M., Bostrom H., Li H., Betsholtz C., Heldin C. H., Alitalo K., Ostman A. & Eriksson U. PDGF-C is a new protease-activated ligand for the PDGF- $\alpha$  receptor, **Nat Cell Biol**, 2(5):302-309, 2000  
[PubMed](#)

(*Featured News & Views*: A new member of an old family, **Nat Cell Biol**, 2(5): E78-79, 2000 [PubMed](#))

## 2001

10. **Li, X.**, Aase K., Li, H., Von Euler, G., Eriksson, U. Isoform-specific expression of VEGF-B in normal tissues and tumors, **Growth Factors**, 19(1):49-59, 2001 [PubMed](#)
11. Bergsten, E., Uutela, M., **Li, X.**, Pietras, K., Ostman, A., Heldin, C. H., Alitalo, K., Eriksson, U. PDGF-D is a specific, protease-activated ligand for the PDGF beta-Receptor, **Nat Cell Biol**, 3(5):515-516, 2001 [PubMed](#)
12. Hellstrom, M., Gerhardt, H., Kalen, M., **Li, X.**, Eriksson, U., Wolburg, H., Betsholtz, C. Lack of pericytes leads to endothelial hyperplasia and abnormal vascular morphogenesis, **J Cell Biol**, 153(3):543-554, 2001 [PubMed](#)
13. Uutela, M., Lauren, J., Bergsten, E., **Li, X.**, Horelli-Kuitunen, N., Eriksson, U., Alitalo, K., Chromosomal location, exon structure, and vascular expression patterns of the human PDGF-C and PDGF-C genes, **Circulation**, 103(18):2242-2247, 2001 [PubMed](#)
14. K Aase, G von Euler, **Li, X.** A Pontén, P Thorén, R Cao, **Cao, Y.**, B Olofsson, S Gebre-Medhin, M Pekny, K Alitalo, C Betsholtz, U Eriksson. Vascular endothelial growth factor-B-deficient mice display an atrial conduction defect, **Circulation**, 104(3):358-364, 2001 [PubMed](#)

## 2002

15. Eitner F., Ostendorf T., Van Roeyen C., Kitahara M., **Li, X.**, Aase K., Groene H-J., Eriksson U., Floege J. Expression of a Novel PDGF Isoform, PDGF-C, in Normal and Diseased Rat Kidney, **J Am Soc Nephrol**, 13(4):910-917, 2002 [PubMed](#)
16. Renhai Cao, Ebba Br åkenhielm, **Xuri Li**, Kristian Pietras, Johan Widenfalk, Arne Ostman, Ulf Eriksson, Yihai Cao. Angiogenesis stimulated by PDGF-CC, a novel member in the PDGF family, involves activation of PDGFR-alphaalpha and -alphabeta receptors, **FASEB J**, 16(12):1575-1583, 2002 [PubMed](#)

## 2003

17. Li, H., Karlsson L., **Li, X.**, Eriksson, U. PDGF-D is a potent transforming and angiogenic factor, **Oncogene**, 22(10):1501-1510, 2003 [PubMed](#)
18. Ponten A., **Li, X.**, Aase K., Thoren P., Sjoblom T., Ostman A. and Eriksson U., Overexpression of PDGF-C in mouse heart induces cardiac fibrosis, hypertrophy and dilated cardiomyopathy, **Am J Pathol**, 163(2):673-682, 2003 [PubMed](#)
19. **Li, X.**, Eriksson, U. Novel PDGF family members: PDGF-C and PDGF-D, **Cytokine & Growth Factor Rev**, (14)2:91-98, 2003

## 2004

20. Fredriksson, L., Li, H., Fieber, C., **Li, X.** and Eriksson U., Tissue plasminogen activator is a potent activator of PDGF-CC, **EMBO**, 23(19):3793-3802, 2004 [PubMed](#)

2005

21. **Li, X.**, Tjwa, M., Moons, L., Fons, P., Noel, A., Ny, A., Zhou, J. M., Lennartsson, J., Li, H., Luttun, A., Ponten, A., Devy, L., Bouche, A., Oh, H., Manderveld, A., Blacher, S., Communi, D., Savi, P., Bono, F., Dewerchin, M., Foidart, J. M., Autiero, M., Herbert, J. M., Collen, D., Heldin, C. H., Eriksson, U., Carmeliet, P., Revascularization of ischemic tissues by PDGF-CC via effects on endothelial cells and their progenitors, **J Clin Invest**, 115(1):118-127, 2005 [PubMed](#)  
*JCI Article In The News*: PDGF-CC, the best thing ever since sliced bread? **J Clin Invest**, 115(1), 2005 [website](#)  
*Featured News*: Platelet-derived growth factor CC--a clinically useful angiogenic factor at last?, **N Engl J Med**, 352(17): 1815-1816, 2005 [website](#)

2008

22. Yang Li, Fan Zhang, Nobuo Nagai, Zhongshu Tang, Shuihua Zhang, Pierre Scotney, Johan Lennartsson, Chaoyong Zhu, Yi Qu, Changge Fang, Jianyuan Hua, Osamu Matsuo, Guo-Hua Fong, Hao Ding, Yihai Cao, Kevin G Becker, Andrew Nash, Carl-Henrik Heldin, **Xuri Li\***, VEGF-B inhibits apoptosis via VEGFR-1-mediated suppression of the expression of BH3-only protein genes in mice and rats, **J Clin Invest**, 118(3):913–923, 2008 [PubMed](#)  
*Medical News Today*: [website](#)  
*News in Science Daily*: [website](#)  
*JCI Editor's Pick*: [website](#)
23. **Li, X.**, Tjwa, M., Van Hove, I., Enholm, B., Neven, E., Paavonen, K., Jeltsch, M., Diez Juan, T., Sievers, R. E., Chorianopoulos, E., Wada, H., Vanwildemeersch, M., Noel, A., Foidart, J. M., Springer, M. L., von Degenfeld, G., Dewerchin, M., Blau, H. M., Alitalo, K., Eriksson, U., Carmeliet, P., Moons, L., Reevaluation of the Role of VEGF-B Suggests a Restricted Role in the Revascularization of the Ischemic Myocardium, **Arterioscler Thromb Vasc Biol**, 28(9):1614-1620, 29, 2008 [PubMed](#)  
*ATVB editorial comment*: VEGF-B taken to our hearts, **Arterioscler Thromb Vasc Biol**, 28(9):1575-1576, 29, 2008 [website](#)

2009

24. Anderberg, C., Li, H., Fredriksson, L., Andrae, J., Betsholtz, C., **Li, X.**, Eriksson, U., Pietras, K., Paracrine signaling by PDGF-CC promotes tumor growth by recruitment of cancer-associated fibroblasts, **Cancer Res**, 69(1):369-378, 2009 [PubMed](#)
25. Gavard, J., Hou, X., Qu, Y., Masedunskas, A., Weigert, R., **Li, X.**, Gutkind, JS., A role for a CXCR2/phosphatidylinositol 3-kinase gamma signaling axis in acute and chronic vascular permeability, **Mol Cell Biol**, 29(9):2469-2480, 2009 [PubMed](#)
26. Zhang, F., Tang, Z., Hou, X., Lennartsson, J., Li, Y., Koch, A. W., Scotney, P., Lee, C., Arjunan, P., Dong, L., Kumar, A., Rissanen, T. T., Wang, B., Nagai, N., Fons, P., Fariss, R., Zhang, Y., Wawrousek, E., Tansey, G., Raber, J., Fong, G. H., Ding, H., Greenberg, D. A., Becker, K. G., Herbert, J. M., Nash, A., Yla-Herttuala, S., Watts, R. J., **Li X.\***, VEGF-B is dispensable for blood vessel growth but critical for their survival, and VEGF-B targeting inhibits pathological angiogenesis, **Proc Natl Acad Sci USA**, 106(15):6152-6157, 2009 [PubMed](#)

*PNAS Editor's Pick: Elucidating the role of VEGF-B*, [website](#)

27. **Li, X.\***, Lee, C., Tang, Z., Zhang, F., Arjunan, P., Li, Y., Hou, X., Kumar, A., Dong, L., VEGF-B: a survival, or an angiogenic factor? **Cell Adhesion & Migration**, 3(4):322-327, 2009 [PubMed](#)

## 2010

28. Tang, Z., Arjunan, P., Lee, C., Li, Y., Kumar, A., Hou, X., Wang, B., Wardega, P., Zhang, F., Dong, L., Zhang, Y., Zhang, S. Z., Ding, H., Fariss, R. N., Becker, K. G., Lennartsson, J., Nagai, N., Cao, Y., **Li, X.\***, Survival effect of PDGF-CC rescues neurons from apoptosis in both brain and retina by regulating GSK3beta phosphorylation, **J Exp Med**, 207(4):867-880, 2010 [PubMed](#)
29. Kumar, A., Hou, X., Lee, C., Li, Y., Maminishkis, A., Tang, Z., Zhang, F., Langer, H. F., Arjunan, P., Dong, L., Wu, Z., Zhu, L. Y., Wang, L., Min, W., Colosi, P., Chavakis, T., **Li, X.\***, PDGF-DD targeting arrests pathological angiogenesis by modulating glycogen synthase kinase 3 beta (GSK3{beta}) phosphorylation, **J Biol Chem**, 285(20):15500-15510, 2010 [PubMed](#)  
*Cover image for J Biol Chem*, 285(20), 2010 [website](#)
30. Sakurai, A., Gavard, J., Annas-Linhares, Y., Basile, J. R., Amornphimoltham, P., Palmby, T. R., Yagi, H., Zhang, F., Randazzo, P. A., **Li, X.**, Weigert, R., Gutkind, J. S., Semaphorin 3E initiates antiangiogenic signaling through plexin D1 by regulating Arf6 and R-Ras, **Mol Cell Biol**, 30(12):3086-98, 2010 [PubMed](#)
31. Xu Hou, Anil Kumar, Chunsik Lee, Bin Wang, Pachiappan Arjunan, Lijin Dong, Arvydas Maminishkis, Zhongshu Tang, Yang Li, Fan Zhang, Shi-Zhuang Zhang, Piotr Wardega, Sagarika Chakrabarty, Baoying Liu, Zhijian Wu, Peter Colosi, Robert N Fariss, Johan Lennartsson, Robert Nussenblatt, J Silvio Gutkind, Yihai Cao, **Xuri Li\***, PDGF-CC blockade inhibits pathological angiogenesis by acting on multiple cellular and molecular targets, **Proc Natl Acad Sci USA**, 107(27):12216-12221, 2010 [PubMed](#)
32. Narazaki, M., Segarra, M., Hou, X., Tanaka, T., **Li, X.**, Tosato, G., Oligo-guanosinenucleotide induces Neuropilin-1 internalization in endothelial cells and inhibits angiogenesis, **Blood**, 116(16):3099-3107, 2010 [PubMed](#)
33. Langer, H. L., Chung, K.-J., Orlova, V. V., Choi, E. Y., Kaul, S., Kruhlak, M. J., Alatsatianos, M., DeAngelis, R. A., Roche, P. A., Magotti, P., **Li, X.**, Economopoulou, M., Rafail, S., Lambris, J. D., Chavakis, T., Complement-mediated inhibition of neovascularization reveals a point of convergence between innate immunity and angiogenesis, **Blood**, 116(22):4395-4403, 2010 [PubMed](#)  
*Blood editorial comment: Complement halts angiogenesis gone wild*, **Blood**, 116(22): 4393-4394, 2010, [PubMed](#)
34. **Li, X.\***, VEGF-B: a thing of beauty, **Cell Res**, 20(7): 741-744, 2010, [PubMed](#)
35. **Li, X.\***, Kumar, A., Zhang, F., Lee, C., Li, Y., Tang, Z., Arjunan, P., VEGF-independent angiogenic pathways induced by PDGF-C, **Oncotarget**, 1(4):309-314, 2010, [PubMed](#)

## 2011

36. Tang, Z., Zhang, S., Lee, C., Kumar, A., Arjunan, P., Li, Y., Zhang, F., **Li, X.\***, An Optic Nerve Crush Injury Murine Model to Study Retinal Ganglion Cell Survival, **J Vis Exp**, (50), 2011 [PubMed](#)

37. Tang, Z., Zhang, F., Li, Y., Arjunan, P., Kumar, A., Lee, C., **Li, X.\***, A mouse model of the cornea pocket assay for angiogenesis study, **J Vis Exp**, (54): 3077, 2011 [PubMed](#)

## 2012

38. Hou, X., Hu, D., Wang, Y-S., Tang, Z., Zhan, F., Chavakis, T., Li, Y., **Li, X.**, Targeting of Junctional Adhesion Molecule-C Inhibits Experimental Choroidal Neovascularization, **Invest Ophthalmol Vis Sci**, 53(3):1584-1591, 2012
39. Langer, H. F., Choi, E. Y., Zhou, H., Schleicher, R., Chung, K. J., Tang, Z., Gobel, K., Bdeir, K., Chatzigeorgiou, A., Wong, C., Bhatia, S., Kruhlak, M. J., Rose, J. W., Burns, J. B., Hill, K. E., Qu, H., Zhang, Y., Lehrmann, E., Becker, K. G., Wang, Y., Simon, D. I., Nieswandt, B., Lambris, J. D., **Li, X.**, Meuth, S. G., Kubes, P., Chavakis, T., Platelets contribute to the pathogenesis of experimental autoimmune encephalomyelitis, 110(9):1202-1210, **Circ Res**, 2012, [PubMed](#)
40. Zhang, F., Li, Y., Tang, Z., Kumar, A., Lee, C., Zhang, L., Zhu, C., Ameln, A. K., Wang, B., Gao, Z., Zhang, S., Langer, H., Hou, X., Jensen, L., Ma, W., Wong, W., Chavakis, T., Liu, Y., Cao, Y., **Li, X.\***, Proliferative and survival effects of PUMA promotes angiogenesis, 2(5):1272-1285, **Cell Reports**, 2012, *Biomedical Picture of the Day: Double Agent PUMA*, [Website](#)
41. Segarra, M., Ohnuki, H., Maric, D., Salvucci, O., Hou, X., **Li, X.**, and Tosato, G., Semaphorin 6A regulates angiogenesis by modulating VEGF signaling, **Blood**, 120(19):4104-4115, 2012, [PubMed](#)
42. **Li, X.\***, Kumar, A., Zhang, F., Lee, C., Tang, Z., Complicated life, complicated VEGF-B, **Trends Mol Med**, 18(2):119–127, 2012 [PubMed](#)  
*Cover image for Trends in Molecular Medicine*, 18(2), 2012 [Website](#)

## 2013

43. Hosaka, K., Yang, Y., Seki, T., Nakamura, M., Andersson, P., Rouhi, P., Yang, X., Jensen, L., Lim, S., Feng, N., Xue, Y., **Li, X.**, Larsson, O., Ohhashi, T., Cao, Y., Tumour PDGF-BB expression levels determine dual effects of anti-PDGF drugs on vascular remodelling and metastasis, **Nat Commun**, 4:2129, 2013, [PubMed](#)
44. Dong, M., Yang, X., Lim, S., Cao, Z., Honek, J., Lu, H., Zhang, C., Seki, T., Hosaka, K., Wahlberg, E., Yang, J., Zhang, L., Lanne, T., Sun, B., **Li, X.**, Liu, Y., Zhang, Y., Cao, Y., Cold exposure promotes atherosclerotic plaque growth and instability via UCP1-dependent Lipolysis, **Cell Metab**, 18(1):118-129. 2013,
45. Lee, C., Zhang, F., Tang, Z., Liu, Y., **Li, X.\***, PDGF-C: a new performer in the neurovascular interplay, **Trends Mol Med**, 19(8):474-86, 2013, [PubMed](#)

## 2014

46. Huang, Y., Hoffman, C., Rajappa, P., Kim, J. H., Hu, W., Huse, J. T., Tang, Z., **Li, X.**, Weksler, B., Bromberg, J., Lyden, D., Greenfield, J. P., Oligodendrocyte progenitor cells promote neovascularization in glioma by disrupting the blood-brain barrier, **Cancer Res**, 74(4):1011-1021, 2014
47. Manavski, Y., Carmona, G., Bennewitz, K., Tang, Z., Zhang, F., Sakurai, A., Zeiher, A. M., Gutkind, J. S., **Li, X.**, Kroll, J., Dimmeler, S., Chavakis, E., Brag2

differentially regulates beta1- and beta3-integrin-dependent adhesion in endothelial cells and is involved in developmental and pathological angiogenesis, **Basic Res Cardiol**, 109(2):404, 2014

48. Wang, Y., Abu-Asab, M. S., Yu, C. R., Tang, Z., Shen, D., Tuo, J., **Li, X.**, Chan, C. C., Platelet-derived growth factor (PDGF)-C inhibits neuroretinal apoptosis in a murine model of focal retinal degeneration, 94(6):674-682, **Lab Invest**, 2014
49. He, C., Zhao, C., Kumar, A., Lee, C., Chen, M., Huang, L., Wang, J., Ren, X., Jiang, Y., Chen, W., Wang, B., Gao, Z., Zhong, Z., Huang, Z., Zhang, F., Huang, B., Ding, H., Ju, R., Tang, Z., Liu, Y., Cao, Y., **Li, X\***, Liu, X\*, Vasoprotective effect of PDGF-CC mediated by HMOX1 rescues retinal degeneration, **Proc Natl Acad Sci U S A**, 111(41):14806-11, 2014
50. Qin, J., Yang, X., Mi, J., Wang, J., Hou, J., Shen, T., Li, Y., Wang, B., **Li, X.**, Zhu, W., Enhanced antidepressant-like effects of the macromolecule trefoil factor 3 by loading into negatively charged liposomes, **Int J Nanomedicine**, 9:5247-5257, 2014,

## 2015

51. Salvucci, O., Ohnuki, H., Maric, D., Hou, X., **Li, X.**, Yoon, S. O., Segarra, M., Eberhart, C. G., Acker-Palmer, A., Tosato, G., EphrinB2 controls vessel pruning through STAT1-JNK3 signalling, **Nat Commun**, 6:6576, 2015
52. G. Tian, J. Mi, X. Wei, D. Zhao, L. Qiao, C. Yang, X. Li, S. Zhang, **X. Li**, Wang, B., Circulating interleukin-6 and cancer: A meta-analysis using Mendelian randomization, **Sci Rep**, 5:11394, 2015
53. Yang, C., Tian, G., Mi, J., Wei, X., **Li, X.**, Li, X., Wang, W., Wang, B., Causal relevance of circulating high-density lipoprotein cholesterol with cancer: a Mendelian randomization meta-analysis, **Sci Rep**, 5:9495, 2015
54. R. I. Schleicher, F. Reichenbach, P. Kraft, A. Kumar, M. Leskan, F. Todt, K. Goebel, T. Geisler, A. Bauer, S. Wesselborg, L. O'Reilly, S. G. Meuth, K. Schulze-Osthoff, M. Gawaz, **X. Li**, C. Kleinschnitz, F. Edlich, H. Langer, Platelets induce apoptosis via membrane-bound FasL, **Blood**, 126(12):1483-1493, 2015
55. L D. Jensen, M Nakamura, L Br äutigam, **X Li**, Y Liu, N J. Samanie, and Y Cao, VEGF-B-Neuropilin-1 signaling is spatiotemporally indispensable for vascular and neuronal development in zebrafish, **Proc Natl Acad Sci U S A**, 12(44):E5944-53, 2015
56. Economopoulou, M., Avramovic, N., Klotzsche-von Ameln, A., Korovina, I., Sprott, D., Samus, M., Gercken, B., Troullinaki, M., Grossklaus, S., Funk, R. H., **Li, X.**, Imhof, B. A., Orlova, V. V., Chavakis, T., Endothelial-specific deficiency of Junctional Adhesion Molecule-C promotes vessel normalisation in proliferative retinopathy, **Thrombosis and Haemostasis**, 114(6), 2015

## 2016

57. Lin, H., Ouyang, H., Zhu, J., Huang, S., Liu, Z., Chen, S., Cao, G., Li, G., Signer, R. A., Xu, Y., Chung, C., Zhang, Y., Lin, D., Patel, S., Wu, F., Cai, H., Hou, J., Wen, C., Jafari, M., Liu, X., Luo, L., Qiu, A., Hou, R., Chen, B., Chen, J., Granet, D., Heichel, C., Shang, F., **Li, X.**, Krawczyk, M., Skowronska-Krawczyk, D., Wang, Y., Shi, W., Chen, D., Zhong, Z., Zhong, S., Zhang, L., Morrison, S. J., Maas, R. L., Zhang, K., Liu, Y., Lens regeneration using endogenous stem cells with gain of visual function, **Nature**, 351(7594):323-328, 2016

58. Seki, T., Hosaka, K., Lim, S., Fischer, C., Honek, J., Yang, Y., Andersson, P., Nakamura, M., Naslund, E., Yla-Herttuala, S., Sun, M., Iwamoto, H., Li, X., Liu, Y., Samani, N. J., Cao, Y., Endothelial PDGF-CC regulates angiogenesis-dependent thermogenesis in beige fat, **Nat Commun**, 7:12152, 2016
59. Huang, D., Zhao, C., Ju, R., Kumar, A., Tian, G., Huang, L., Zheng, L., Li, X., Liu, L., Wang, S., Ren, X., Ye, Z., Chen, W., Xing, L., Chen, Q., Gao, Z., Mi, J., Tang, Z., Wang, B., S. Zhang, S.,\* Lee, C.,\* Li, X.\* VEGF-B inhibits hyperglycemia- and Macugen-induced retinal apoptosis, **Scientific Reports**, 6:26059, 2016
60. Fang, J., Mao, N., Jiang, X., Li, X., Wang, B., Wang, Q., Functional and Anatomical Brain Abnormalities and Effects of Antidepressant in Major Depressive Disorder: Combined Application of Voxel-Based Morphometry and Amplitude of Frequency Fluctuation in Resting State, **J Comput Assist Tomogr**, 39(5):766-773, 2016
61. Wei, X., Liu, Z., Li, M., Yang, C., Wang, W., Li, X., Zhang, S., Tian, G., Bergquist, J., Wang, B., Mi, J., The Number of Stenotic Intracranial Arteries Is Independently Associated with Ischemic Stroke Severity, **PLoS One**, 11(9): e0163356, 2016
62. Nguyen, Q. D., De Falco, S., Behar-Cohen, F., Lam, W. C., Li, X., Reichhart, N., Ricci, F., Pluim, J., Li, W. W., Placental growth factor and its potential role in diabetic retinopathy and other ocular neovascular diseases, **Acta Ophthalmol**, 96(1):e1-e9, 2018
63. Zheng, L., Zhao, C., Du, Y., Lin, X., Jiang, Y., Lee, C., Tian, G., Mi, J., Li, X., Chen, Q., Ye, Z., Huang, L., Wang, S., Ren, X., Xing, L., Chen, W., Huang, D., Gao, Z., Zhang, S., Lu, W., Tang, Z., Wang, B., Ju, R\*, Li, X.\*, PDGF-CC underlies resistance to VEGF-A inhibition and combinatorial targeting of both suppresses pathological angiogenesis more efficiently, **Oncotarget**, 7(47): 77902-77915, 2016

## 2017

64. Jia, X., Zhao, C., Chen, Q., Du, Y., Huang, L., Ye, Z., Ren, X., Wang, S., Lee, C., Tang, Z., Li, X\*, Ju, R\*, JAM-C maintains VEGFR2 expression to promote retinal pigment epithelium cell survival under oxidative stress by modulating p38 phosphorylation, **Thrombosis and Haemostasis**, 117(4):750-757, 2017
65. Wei, X., Jiang, W., Li, X\*, Jia, M\*, Tian, G\*. A multicenter matched case-control analysis on seven polymorphisms from HMGB1 and RAGE genes in predicting hepatocellular carcinoma risk, **Oncotarget**, 8(30): 50109-50116, 2017
66. Men, T., Yu, C., Wang, D., Liu, F., Li, J., Qi, X., Yang, C., Jiang, W., Wei, X., Li, X., Wang, B., Mi, J., Tian, G., The impact of interleukin-10 (IL-10) gene 4 polymorphisms on peripheral blood IL-10 variation and prostate cancer risk based on published studies, **Oncotarget**, 8(28): 45994-46005, 2017
67. Zhang, L., Xu, J., Liu, R., Chen, W., Chen, Q., Hu, W., Zhou, L., Zhang, R., Xu, H., Lin, D., Li, X., Tang, Z., Caveolin-1 Protects Retinal Ganglion Cells against Acute Ocular Hypertension Injury via Modulating Microglial Phenotypes and Distribution and Activating AKT pathway, **Sci Rep** 7(1): 10716, 2017
68. Jiang, Y., Lin, X., Tang, Z., Lee, C., Tian, G., Du, Y., Yin, X., Ren, X., Huang, L., Ye, Z., Chen, W., Zhang, F., Mi, J., Gao, Z., Wang, S., Chen, Q., Xing, L., B. Wang, Y. Cao, W. C. Sessa, R. Ju\*, Y. Liu\*, X. Li\*, Critical role of caveolin-1 in ocular neovascularization and multitargeted antiangiogenic effects of cavtratin via JNK, **Proc Natl Acad Sci U S A**, 114(40): 10737-10742, 2017
69. Nakamura M, Zhang, Y, Yang Y, Sonmez C, Zheng W, Huang G, Seki, T, Iwamoto, H, Ding, B, Yin, L, Foukakis T, Hatschek T, Li X, Hosaka K, Li J, Yu G, Wang X\*, Liu Y\*, Cao Y\*,

- Off-tumor targets compromise antiangiogenic drug sensitivity by inducing kidney erythropoietin production, **Proc Natl Acad Sci U S A**, 114(45): 9635-9644, 2017
70. Zou, Y., Chen, Q., Ye, Z, **Li, X.**,\* and Ju, R.\*, VEGFR1 Signaling Regulates IL-4-Mediated Arginase 1 Expression in Macrophages, **Current Molecular Medicine**, 2017, 17(4), 304-311
71. Inhibitory effect of caveolin-1 in vascular endothelial cells, pericytes and smooth muscle cells, Xu, H., Zhang, L., Chen, W., Xu, J., Zhang, R., Liu, R., Zhou, L., Hu, W., Ju, R., Lee, C., Lu, W., Kumar, A., **Li, X.**\*, Tang, Z\*., **Oncotarget**, 8(44): 76165-76173, 2017
72. Li, Y., Zhang, F., Lu, W.\* , **Li, X.**\*, Neuronal Expression of Junctional Adhesion Molecule-C Is Essential for Retinal Thickness and Photoreceptor Survival, **Current Molecular Medicine**, 17(7):497-508, 2017
73. A systematic review and meta-analysis: Does hepatitis C virus infection predispose to the development of chronic kidney disease? Li, M., Wang, P., Yang, C., Jiang, W., Wei, X., Mu, X., **Li, X.**\*, Mi, J\*., Tian, G\*., **Oncotarget**, 8(6):10692-10702, 2017
74. Weisi Lu, **Xuri Li**\*, Vascular stem/progenitor cells: functions and signaling pathways, **Cell. Mol. Life Sci.**, 75(5):859-869, 2017
75. Fischer, C., Seki, T., Lim, S., Nakamura, M., Andersson, P., Yang, Y., Honek, J., Wang, Y., Gao, Y., Chen, F., Samani, N. J., Zhang, J., Miyake, M., Oyadomari, S., Yasue, A., **Li, X.**, Zhang, Y., Liu, Y., Cao, Y., A miR-327-FGF10-FGFR2-mediated autocrine signaling mechanism controls white fat browning, **Nat Commun**, 8(1): 2079, 2017

## 2018

76. **Xuri Li**\*, Carmeliet, P.\*, Targeting angiogenic metabolism in disease, **Science**, 359(6382):1335-1336, 2018
77. Peter Carmeliet\*, **Xuri Li**\*, Lucas Treps, Lena-Cristin Conradi & Sonja Loges, RAISEing VEGF-D's importance as predictive biomarker for ramucirumab in metastatic colorectal cancer patients, **Annals of Oncology**, 29(3):527-529, 2018
78. Chunsik Lee, **Xuri Li**\*, Platelet-derived growth factor-C and -D in the cardiovascular system and diseases, **Molecular Aspects of Medicine**, 62:12-21, 2018
79. Weisi Lu, **Xuri Li**\*, PDGFs and their receptors in vascular stem/progenitor cells: Functions and therapeutic potential in retinal vasculopathy, **Molecular Aspects of Medicine**, 62:22-32, 2018
80. Anil Kumar, **Xuri Li**\*, PDGF-C and PDGF-D in ocular diseases, **Mol Aspects Med**, 62:33-43, 2018
81. Zhang, Y., Wang, D., Li, M., Wei, X., Liu, S., Zhao, M., Liu, C., Wang, X., Jiang, X., **Li, X.**, Zhang, S., Bergquist, J., Wang, B., Yang, C., Mi, J., Tian, G. Quantitative Proteomics of TRAMP Mice Combined with Bioinformatics Analysis Reveals That PDGF-B Regulatory Network Plays a Key Role in Prostate Cancer Progression, **J Proteome Res**, 17(7):2401-2411, 2018
82. S. Vandekeere, C. Dubois, J. Kalucka, M. R. Sullivan, M. Gar-c á-Caballero, J. Gouveia, R. Chen, F. F. Diehl, Libat Bar-Lev, J. Souffreau, A. Pircher, S. Kumar, S. Vinckier, Y. Hirabayashi, S-g. Furuya, L. Schoonjans, G. Eelen, B. Ghesqui ère, E. Keshet, **X. Li**\*, M. G. V. Heiden, M. Dewerchin\*, & P. Carmeliet\*, Serine synthesis via PHGDH is essential for heme production in endothelial cells, **Cell Metabolism**, 28(4):573-587, 2018
83. Bruning, U., Morales-Rodriguez, F., Kalucka, J.Gouveia, J., Taverna, F., Queiroz, K. C. S., Dubois, C., Cantelmo, A. R., Chen, R., Lorocho, S., Timmerman, E., Caixeta, V.Bloch, K., Conradi, L. C., Treps, L., Staes, A., Gevaert, K., Tee, A., Dewerchin, M., , Semenkovich, C. F., Impens, F., Schilling, B., Verdin, E., Swinnen, J. V., Meier, J. L., Kulkarni, R. A., Sickmann,



- A., Ghesquiere, B., Schoonjans, L., **Li, X.\***, Mazzone, M., Carmeliet, P.\*, Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation, **Cell Metabolism**, 28(6):866-880, 2018
84. Kalucka, J., Bierhansl, L., Conchinha, N. V., Missiaen, R., Elia, I., Bruning, U., Scheinok, S., Treps, L., Cantelmo, A. R., Dubois, C., de Zeeuw, P., Goveia, J., Zecchin, A., Taverna, F., Morales-Rodriguez, F., Brajic, A., Conradi, L. C., Schoors, S., Harjes, U., Vriens, K., Pilz, G. A., Chen, R., Cubbon, R., Thienpont, B., Cruys, B., Wong, B. W., Ghesquiere, B., Dewerchin, M., De Bock, K., Sagaert, X., Jessberger, S., Jones, E. A. V., Gallez, B., Lambrechts, D., Mazzone, M., Eelen, G., **Li, X.\***, Fendt, S. M., Carmeliet, P.\*, Quiescent Endothelial Cells Upregulate Fatty Acid beta-Oxidation for Vasculoprotection via Redox Homeostasis, **Cell Metabolism**, 28(6):881-894, 2018
85. Eelen, G., Dubois, C., Cantelmo, A. R., Goveia, J., Bruning, U., DeRan, M., Jarugumilli, G., van Rijssel, J., Saladino, G., Comitani, F., Zecchin, A., Rocha, S., Chen, R., Huang, H., Vandekeere, S., Kalucka, J., Lange, C., Morales-Rodriguez, F., Cruys, B., Treps, L., Ramer, L., Vinckier, S., Brepoels, K., Wyns, S., Souffreau, J., Schoonjans, L., Lamers, W. H., Wu, Y., Haustraete, J., Hofkens, J., Liekens, S., Cubbon, R., Ghesquiere, B., Dewerchin, M., Gervasio, F. L., **Xuri Li\***, van Buul, J. D., Wu, X., & Carmeliet, P.\*, Role of glutamine synthetase in angiogenesis beyond glutamine synthesis, **Nature**, 561(7721):63-69, 2018
86. Arjunan, P., Lin, X., Tang, Z., Du, Y., Kumar, A., Liu, L., Yin, X., Huang, L., Chen, W., Chen, Q., Ye, Z., Wang, S., Kuang, H., Zhou, L., Xu, K., Chen, X., Zeng, H., Lu, W., Cao, Y., Liu, Y., Zhao, C.\*, **Xuri Li\***, VEGF-B is a potent antioxidant, **Proc Natl Acad Sci U S A**, 115(41): 10351-10356, 2018
87. VEGFR2 and VEGF-C Suppresses the Epithelial-Mesenchymal Transition via YAP in Retinal Pigment Epithelial Cells, Yuxiang Du, Qishan Chen, Lijuan Huang, Xiangke Yin, Linbin Zhou, **Xuri Li\***, Rong Ju\*, **Curr Mol Med**, 18(5):273-286, 2018

## 2019

88. Metabolic pathways fueling the endothelial cell drive, **Xuri Li\***, Anil Kumar, & Peter Carmeliet\*, **Annual Reviews of Physiology**, 81:483-503, 2019
89. EndoDB: a database of endothelial cell transcriptomics data, Khan, S., Taverna, F., Rohlenova, K., Treps, L., Geldhof, V., de Rooij, L., Sokol, L., Pircher, A., Conradi, L. C., Kalucka, J., Schoonjans, L., Eelen, G., Dewerchin, M., Karakach, T., **Li, X.\***, Goveia, J., Carmeliet, P.\*, **Nucleic Acids Res**, 47(D1): D736-D744, 2019
90. Synchronized tissue-scale vasculogenesis and ubiquitous lateral sprouting underlie the unique architecture of the choriocapillaris, Ali, Z., Cui, D., Yang, Y., Tracey-White, D., Vazquez-Rodriguez, G., Moosajee, M., Ju, R., **Li, X.**, Cao, Y., Jensen, L. D., **Dev Biol**, Feb 21, 2019
91. Novel function of VEGF-B as an antioxidant and therapeutic implications, Rongyuan Chen, Chunsik Lee, Xianchai Lin, Chen Zhao\*, **Xuri Li\***, **Pharmacological Research**, 143:33-39, 2019
92. Novel multi-targeted inhibitors suppress ocular neovascularization by regulating unique gene sets, Xiangke Yin, Xianchai Lin, Xiangrong Ren, Bo Yu, Lixian Liu, Zhimin Ye, Qishan Chen, Chunsik Lee, Weisi Lu, Dechao Yu, **Xuri Li\***, **Pharmacological Research**, 146:104277, 2019
93. Hallmarks of Endothelial Cell Metabolism in Health and Disease, **Cell Metabolism**, **Xuri Li\***, Sun, X., Carmeliet, P.\*, 30:414-433, 2019
94. Endothelial CDS2 deficiency causes VEGFA-mediated vascular regression and tumor inhibition, Zhao, W., Cao, L., Ying, H., Zhang, W., Li, D., Zhu, X., Xue, W., Wu, S., Cao, M.,

Fu, C., Qi, H., Hao, Y., Tang, Y. C., Qin, J., Zhong, T. P., Lin, X., Yu, L., **Li, Xuri.**, Li, L., Wu, D., Pan, W., **Cell Research**, 29(11):895-910, 2019

95. Identification of prothymosin alpha (PTMA) as a biomarker for esophageal squamous cell carcinoma (ESCC) by label-free quantitative proteomics and Quantitative Dot Blot (QDB), Zhu, Y., Qi, X., Yu, C., Yu, S., Zhang, C., Zhang, Y., Liu, X., Xu, Y., Yang, C., Jiang, W., Tian, G., **Xuri Li**, Bergquist, J., Zhang, J., Wang, L., Mi, J., **Clin Proteomics**, 16:12, 2019

## 2020

96. Single-Cell RNA Sequencing Reveals Renal Endothelium Heterogeneity and Metabolic Adaptation to Water Deprivation, Dumas, S. J., Meta, E., Borri, M., Goveia, J., Rohlenova, K., Conchinha, N. V., Falkenberg, K., Teuwen, L. A., de Rooij, L., Kalucka, J., Chen, R., Khan, S., Taverna, F., Lu, W., Parys, M., De Legher, C., Vinckier, S., Karakach, T. K., Schoonjans, L., Lin, L., Bolund, L., Dewerchin, M., Eelen, G., Rabelink, T. J., **Xuri Li**, Y. Luo\*, Peter Carmeliet\*, **J Am Soc Nephrol**, 31(1):118-138, Jan., 2020
97. An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates, Goveia, J., Rohlenova, K., Taverna, F., Treps, L., Conradi, L. C., Pircher, A., Geldhof, V., de Rooij, Lpmh, Kalucka, J., Sokol, L., Garcia-Caballero, M., Zheng, Y., Qian, J., Teuwen, L. A., Khan, S., Boeckx, B., Wauters, E., Decaluwe, H., De Leyn, P., Vansteenkiste, J., Weynand, B., Sagaert, X., Verbeken, E., Wolhuis, A., Topal, B., Everaert, W., Bohnenberger, H., Emmert, A., Panovska, D., De Smet, F., Staal, F. J. T., McLaughlin, R. J., Impens, F., Lagani, V., Vinckier, S., Mazzone, M., Schoonjans, L., Dewerchin, M., Eelen, G., Karakach, T. K., Yang, H., Wang, J., Bolund, L., Lin, L., Thienpont, B., **Xuri Li**\*, Lambrechts, D., Luo, Y., Carmeliet, P.\*, **Cancer Cell**, 37(1): 21-36 e13, Jan., 2020
98. Single-Cell Transcriptome Atlas of Murine Endothelial Cells, Kalucka, J., de Rooij, Lpmh, Goveia, J., Rohlenova, K., Dumas, S. J., Meta, E., Conchinha, N. V., Taverna, F., Teuwen, L. A., Veys, K., Garcia-Caballero, M., Khan, S., Geldhof, V., Sokol, L., Chen, R., Treps, L., Borri, M., de Zeeuw, P., Dubois, C., Karakach, T. K., Falkenberg, K. D., Parys, M., Yin, X., Vinckier, S., Du, Y., Fenton, R. A., Schoonjans, L., Dewerchin, M., Eelen, G., Thienpont, B., Lin, L., Bolund, L., **Xuri Li**\*, Luo, Y.,\* & Carmeliet, P.\*, **Cell**, 180(4): 764-779 e20, 2020
99. Single-Cell RNA Sequencing Maps Endothelial Metabolic Plasticity in Pathological Angiogenesis, Rohlenova, K., Goveia, J., Garcia-Caballero, M., Subramanian, A., Kalucka, J., Treps, L., Falkenberg, K. D., de Rooij, Lpmh, Zheng, Y., Lin, L., Sokol, L., Teuwen, L. A., Geldhof, V., Taverna, F., Pircher, A., Conradi, L. C., Khan, S., Stegen, S., Panovska, D., De Smet, F., Staal, F. J. T., McLaughlin, R. J., Vinckier, S., Van Bergen, T., Ectors, N., De Haes, P., Wang, J., Bolund, L., Schoonjans, L., Karakach, T. K., Yang, H., Carmeliet, G., Liu, Y., Thienpont, B., Dewerchin, M., Eelen, G., **Xuri Li**\*, Luo, Y.,\* & Carmeliet, P.\*, **Cell Metab**, 31(4): 862-877 e14, April, 2020
100. Eelen, G., Treps, L., **Xuri Li**, Carmeliet, P., Basic and Therapeutic Aspects of Angiogenesis Updated." **Circ Res**, 127(2): 310-329, 2020
101. Hosaka, K., Yang, Y., Seki, T., Du, Q., Jing, X., He, X., Wu, J., Zhang, Y., Morikawa, H., Nakamura, M., Scherzer, M., Sun, X., Xu, Y., Cheng, T., **Xuri Li**, Liu, X., Li, Q., Liu, Y., Hong, A., Chen, Y., Cao, Y., Therapeutic paradigm of dual targeting VEGF and PDGF for effectively treating FGF-2 off-target tumors, **Nat Commun**, 11:(1)3704, 2020
102. A systems genetics approach to revealing the Pdgfrb molecular network of the retina, Li, S., Xu, F., Liu, L., Ju, R., Bergquist, J., Zheng, Q. Y., Mi, J., Lu, L., **Xuri Li**\*, Tian, G.\*, **Mol Vis**, 26:459-471, 2020

2021

103. Lixian Liu, Liying Xing, Rongyuan Chen, Jianing Zhang, Yuye Huang, Lijuan Huang, Bingbing Xie, Xiangrong Ren, Shasha Wang, Haiqing Kuang, Xianchai Lin, Anil Kumar, Jong Kyong Kim, Chunsik Lee\*, **Xuri Li\***, Mitogen-inducible gene 6 inhibits angiogenesis by binding to SHC1 and suppressing its phosphorylation, **Frontiers in Cell and Developmental Biology**, 9:634242, Feb 22, 2021
104. Weisi Lu\*, Yunling Xie, Binjie Huang, Tenghui Ma, Huaiming Wang, Boxion Deng, Shaomin Zou, Wencong Wang, Qin Tang, Ziqing Yang, **Xuri Li\***, Lei Wang, Lekun Fang\*, Platelet-derived growth factor C signaling is a potential therapeutic target for radiation proctopathy, **Sci Transl Med**, 13(582):eabc2344, 2021
105. Bohan Xu, Linbin Zhou, Qishan Chen, Jianing Zhang, Lijuan Huang, Shasha Wang, Zhimin Ye, Xiangrong Ren, Yu Cai, Lasse Dahl Jensen, Weirong Chen\*, **Xuri Li\***, Rong Ju\*, Role of VEGFR2 in mediating endoplasmic reticulum stress under glucose deprivation and determining cell death, oxidative stress, and inflammatory factor expression, **Frontiers in Cell and Developmental Biology**, 9:631413, Jun 18, 2021
106. S. J. Dumas, E. Meta, M. Borri, Y. Luo, **Xuri Li\***, T. J. Rabelink\*, P. Carmeliet\*, Phenotypic diversity and metabolic specialization of renal endothelial cells, **Nature Reviews Nephrology**, 17(7):441-464, Jul 2021
107. Xu Hou\*, Hong-Jun Du, Jian Zhou, Dan Hu, Yu-Sheng Wang, **Xuri Li\***, The role of junctional adhesion molecule-C in regulating the inner endothelial blood-retinal barrier function in the eye, **Frontiers in Cell and Developmental Biology**, 9:695657, Jun 7, 2021
108. Zhen Xiong, Qianqian Wang, Wanhong Li, Lijuan Huang, Jianing Zhang, Juanhua Zhu, Bingbing Xie, Shasha Wang, Haiqing Kuang, Xianchai Lin, Chunsik Lee, Anil Kumar\*, **Xuri Li\***, Platelet-derived growth factor-D activates complement system to propagate macrophage polarization and neovascularization, **Frontiers in Cell and Developmental Biology**, 9:686886, Jun 2, 2021
109. Wenjie Hu, Ruting Zhang, Wei Chen, Dongyue Lin, Kun Wei, Jiahui Li, Bo Zhang, **Xuri Li**, Zhongshu Tang, Glycosylation at Asn254 Is Required for the Activation of the PDGF-C Protein, **Front Mol Biosci**, 8:665552, May 24, 2021
110. Bingbing Xie, Qin Jiang\*, Antonio Morac\*, **Xuri Li\***, Automatic cell type identification methods for single-cell RNA sequencing, **Computational and Structural Biotechnology Journal**, 19:5874-5887, Oct 20 2021
111. Yi Tian, Ying Zhan, Qin Jiang\*, Weisi Lu\*, **Xuri Li\***, Expression and function of PDGF-C in development and stem cells, **Open Biology**, 11(12):210268, Dec 2021

2022

112. Dongyue Lin, Zhonghao Wang, Wei Chen, Tao Shen, Xuan Qiu, Kun Wei, Jiahui Li, Dongshen Yang, Ping Wang, **Xuri Li**, Jianhua Yan and Zhongshu Tang, Regional Downregulation of Dopamine Receptor D1 in Bilateral Dorsal Lateral Geniculate Nucleus of Monocular Form-Deprived Amblyopia Models, **Frontiers in Neuroscience**, 16:861529, Jun 8 2022
113. Weisi Lu\*†, Peipei Xu†, Boxiong Deng†, Jianing Zhang†, Ying Zhan, Xianchai Lin, Xiangzhong Xu, Zhaoxia Xia, Xiaoxi Yang, Xiaoling Zeng, Lijuan Huang, Bingbing Xie, Chenghu Wang, Shasha Wang, Haiqing Kuang, Xianjing Han, Antonio Mora, Yihai Cao, Qin

- Jiang\*, **Xuri Li\***, PDGFD switches on stem cell endothelial commitment, **Angiogenesis** (IF 10.658), July 20, 2022
114. Antonio Morac\*, Xiaowei Huang, Shaurya Jauhari, Qin Jiang, **Xuri Li\***, Chromatin Hubs: A biological and computational outlook, **Computational and Structural Biotechnology Journal** (IF 6.155), 20:3796-3813, Jul 5 2022
115. Yanping Zhu, Ya Zhang, Xiaoying Qi, Hongyu Che, Jingdan Jia, Chunhua Yang, Yuxue Xu, Xiaodong Chi, Wenguo Jiang, Yanuo Li, Jia Mi, Yunfan Yang\*, **Xuri Li\***, Geng Tian\*, GAD1 alleviates injury-induced ocular neurodegeneration by inhibiting retinal ganglion cell apoptosis, **Exp Eye Res.** 223:109201, 2022
116. Vincent Geldhof, Laura P.M.H. de Rooij, Liliana Sokol, Jacob Amersfoort, Maxim De Schepper, Katerina Rohlenova, Griet Hoste, Adriaan Vanderstichele, Anne-Marie Delsupehe, Edoardo Isnaldi, Naima Dai, Federico Taverna, Shawez Khan, Anh-Co K. Truong, Laure-Anne Teuwen, François Richard, Lucas Treps, Ann Smeets, Ines Nevelsteen, Birgit Weynand, Stefan Vinckier1, Luc Schoonjans, Joanna Kalucka, Christine Desmedt, Patrick Neven, Massimiliano Mazzone, Giuseppe Floris, Kevin Punie, Mieke Dewerchin, Guy Eelen, Hans Wildiers, **Xuri Li\***, Yonglun Luo\* & Peter Carmeliet\*, SINGLE CELL ATLAS IDENTIFIES LIPID-PROCESSING AND IMMUNOMODULATORY ENDOTHELIAL CELLS IN HEALTHY AND MALIGNANT BREAST, **Nature Communications** (IF 17.694), 13(1):5511, 2022
117. Liying Xing, Guanqun Huang, Rongyuan Chen, Lijuan Huang, Juanxi Liu, Xiangrong Ren, Shasha Wan1, Haiqing Kuang, Anil Kumar, Jong Kyong Kim, Qin Jiang\*, **Xuri Li\***, Chunsik Lee\*, Critical role of mitogen-inducible gene 6 in restraining endothelial cell permeability to maintain vascular homeostasis, **Journal of Cell Communication and Signaling**, Oct 25, 2022
118. Jiani Li, Xuhua Tan, Qihang Sun, **Xuri Li**, Rongyuan Chen, and Lixia Luo, Deficiency of Jamc Leads to Congenital Nuclear Cataract and Activates the Unfolded Protein Response in Mouse Lenses, **Investigative Ophthalmology & Visual Science**, 63(10):1, 2022

### 2023

119. Rongyuan Chen, Juanhua Zhu, Jiaxin Hu, **Xuri Li\***, Antiangiogenic therapy for ocular diseases: Current status and challenges, **MedComm – Future Medicine**, 17 January, 2:e33, 2023
120. Jianing Zhang, Wanhong Li, Zhen Xiong, Juanhua Zhu, Xiangrong Ren, Shasha Wang, Haiqing Kuang, Xianchai Lin\*, Antonio Mora\*, **Xuri Li\***, PDGF-D-induced immunoproteasome activation and cell-cell interactions, **Computational and Structural Biotechnology Journal**, 21:2405–2418, 2023
121. VEGF-B prevents excessive angiogenesis by inhibiting FGF2/FGFR1 pathway, Chunsik Lee<sup>#</sup>, Rongyuan Chen<sup>1#</sup>, Guangli Sun, Xialin Liu, Xianchai Lin, Chang He, Liying Xing, Lixian Liu, Lasse Jensen, Anil Kumar, Harald F. Langer, Xiangrong Ren, Jianing Zhang, Lijuan Huang, Xiangke Yin, Jong Kyong Kim, Juanhua Zhu, Guanqun Huang, Jiani Li, Weiwei Lu, Wei Chen, Juanxi Liu, Jiaxin Hu, Qihang Sun, Weisi Lu, Lekun Fang, Shasha Wang, Haiqing Kuang, Yihan Zhang, Geng Tian, Jia Mi, Bi-Ang Kang, Masashi Narazaki, Aaron Prodeus, Luc Schoonjans, David M. Ornitz, Jean Gariépy, Guy Eelen, Mieke Dewerchin, Yunlong Yang, Jing-Song Ou, Antonio Mora, Jin Yao, Chen Zhao\*,

- Yizhi Liu, Peter Carmeliet, Yihai Cao\* & **Xuri Li**\*, **Signal Transduct Target Ther**, 8(1):305, August 18, 2023
122. A comparison of cell-cell interaction prediction tools based on scRNA-seq data, Zihong Xie, **Xuri Li**\* and Antonio Mora\*, **Biomolecules**, July 31, 13:1211, 2023
  123. Chylomicrons Regulate Lacteal Permeability and Intestinal Lipid Absorption, Georgia Zarkada,\* Xun Chen,\* Xuotong Zhou, Martin Lange , Lei Zeng, Wenyu Lv , Xuan Zhang, Yunhua Li, Weibin Zhou, Keli Liu, Dongying Chen, Nicolas Ricard , James Liao , Young-Bum Kim , Rui Benedito, Lena Claesson-Welsh , Kari Alitalo , Michael Simons , Rong Ju, **Xuri Li**, Anne Eichmann , Feng Zhang, **Circulation Research**, 133:333-349, 2023
  124. PDGF-C promotes cell proliferation partially via downregulating BOP1, Jiahui Li, Wenjie Hu, Ruting Zhang, Wei Chen, **Xuri Li**\*, and Zhongshu Tang\*, **Cell Biology International**, August 13, 2023
  125. The retinal pigment epithelium: functions and roles in ocular diseases, Shasha Wang, Wanhong Li, Min Chen, Yihai Cao, Weisi Lu\*, **Xuri Li**\*, **Fundamental Research**, in press, 2024

### ***Book Chapters:***

1. Eriksson, U., **Li, X.** Chapter: Vascular Endothelial Growth Factor B (VEGF-B), **Encyclopedia of Hormones**, edited by Henry, HL & Norman, AW, Elsevier Science, Academic press, 2003
2. **Li, X.**\*, Kumar, A., Lee, C., Tang, Z., Li, Y., Arjunan, P., Hou, X., Zhang, F., Can VEGF-B be used to treat neurodegenerative diseases? Neurodegenerative Diseases - Book 1, ISBN 979-953-307-041-3, InTech, Open Access Publisher, 2011
3. Ju, R., Lee, C., Lu, W., **Li, X.**\*, Fibroblast Growth Factors: Biology and Clinical Application, Growth Factors in the Eye, ISBN: 978-981-3143-36-4, World Scientific, 2017