

# IP Australia / 澳大利亞知識產權局

## Granted in Year 2014

1	<b>Australian Innovation Patent Application No. 2014101378</b>	<b><u>J-R Wang</u>, <u>W-N Gao</u>, <u>L-F Yau</u>, <u>L Liu</u>, <u>Z-H Jiang</u></b>	<b>Glycomic biomarker of rat serum based on microfluidic chip-LC/MS</b>	<b>(2022/11/18) Renewal Due  (2014/11/27) Granted  (2014/11/18) Filed</b>
2	<b>Australian Innovation Patent Application No. 2014101418</b>	<b><u>J-R Wang</u>, <u>L-F Yau</u>, <u>T-T Tong</u>, <u>L-P Bai</u>, <u>J Ma</u>, <u>M Hu</u>, <u>L Liu</u>, <u>Z-H Jiang</u></b>	<b>Use of metabolite profile of Panax species</b>	<b>(2022/11/30) Renewal Due  (2014/12/11) Granted  (2014/11/30) Filed</b>

**Granted in Year 2015**

3	<b>Australian Innovation Patent Application No. 2014101470</b>	<u>V-K-W Wong, B-Y-K Law, L Liu, X-J Yao</u>	<b>Method of using Neferine for inducing cell death in Apoptosis resistant cells through activation of Ryanodine receptor and for treating Apoptosis resistant cancer</b>	<b>(2022/12/17) Renewal Due  (2015/3/5) Granted  (2014/12/15) Filed</b>
4	<b>Australian Innovation Patent Application No. 2015100100</b>	<u>L Liu, J-R Wang, L-F Yau, Q Meng, W-N Gao, Z-H Jiang</u>	<b>N-glycans on IgG as biomarkers for autoimmune diseases explored via comprehensive glycomic approach</b>	<b>(2023/1/29) Renewal Due  (2015/2/26) Granted  (2015/1/29) Filed</b>
5	<b>Australian Innovation Patent Application No. 2015100662</b>	<u>L Liu, T Li, F-G Yan</u>	<b>Isoliquiritigenin suppresses human T lymphocyte activation via targeting on cysteine 46 of IKBA Kinase</b>	<b>(2023/5/20) Renewal Due  (2015/5/28) Granted  (2015/5/20) Filed</b>
6	<b>Australian Innovation Patent Application No. 2015101194</b>	<u>Y Liang, H Chai, X-Y Liu</u>	<b>Semi-supervised learning framework based on Cox and AFT models with <math>L_{1/2}</math> regularization for patient's survival prediction</b>	<b>(2022/8/31) Renewal Due  (2015/9/24) Granted  (2015/8/31) Filed</b>
7	<b>Australian Innovation Patent Application No. 2015101434</b>	<u>L Liu, J-R Wang, W-N Gao, L-F Yau, H Huang, Q Meng, T-T Tong, Z-H Jiang</u>	<b>Use of glycan as biomarkers for autoimmune diseases</b>	<b>(2023/10/5) Renewal Due  (2015/10/29) Granted  (2015/10/5) Filed</b>

8	Australian Innovation Patent Application No. 2015101612	<u>E-L-H Leung</u> , <u>X-J Yao</u> , <u>V-K-W Wong</u> , <u>L Liu</u> , X Chen	Identification of a new AMPK activator for treatment of lung cancer	(2022/11/4) Renewal Due  (2015/11/19) Granted  (2015/11/4) Filed
9	Australian Innovation Patent Application No. 2015101613	<u>V-K-W Wong</u> , <u>B-Y-K Law</u> , <u>L Liu</u>	Identification of natural small-molecules AMPK activators for treatment of cancers	(2022/11/4) Renewal Due  (2015/11/26) Granted  (2015/11/4) Filed
10	Australian Innovation Patent Application No. 2015101712	<u>X-J Yao</u> , <u>E-L-H Leung</u> , L-X Luo, <u>W-W- L Hsiao</u> , <u>L Liu</u>	Method of treating cancer	(2022/11/24) Renewal Due  (2015/12/10) Granted  (2015/11/24) Filed
11	Australian Innovation Patent Application No. 2015101721	<u>V-K-W Wong</u> , <u>B-Y-K Law</u> , T Efferth, O Kadioglu, <u>L Liu</u>	Prenylated Isoflavones for treatment of subjects with multidrug-resistant cancer	(2022/11/26) Renewal Due  (2015/12/17) Granted  (2015/11/26) Filed
12	Australian Innovation Patent Application No. 2015101724	<u>H Zhou</u> , J-X Liu, <u>L Liu</u> , J-S Tang	Uses of steroid compounds in the treatment of inflammatory diseases	(2022/11/27) Renewal Due  (2015/12/17) Granted  (2015/11/27) Filed

**Granted in Year 2016**

13	Australian Innovation Patent Application No. 2015101666	<u>X-J Yao, E-L-H Leung, L-X Luo, L Liu</u>	PDE delta inhibitor for the treatment of cancer	(2022/11/13) Renewal Due  (2016/2/4) Granted  (2015/11/13) Filed
14	Australian Innovation Patent Application No. 2015101722	<u>X-J Yao, E-L-H Leung, L-X Luo, L Liu</u>	Oncogenic ROS1 and ALK kinase inhibitor	(2022/11/26) Renewal Due  (2016/5/5) Granted  (2015/11/26) Filed
15	Australian Innovation Patent Application No. 2016100423	<u>Z-H Jiang, J-R Wang, J-N Mi, J-P Kou, Y-W Han, Y-Q Xu</u>	Method of isolating Sphingolipids from Cordyceps and their use	(2023/4/18) Renewal Due  (2016/7/7) Granted  (2016/4/18) Filed
16	Australian Innovation Patent Application No. 2016100494	<u>Z-H Jiang, J-R Wang, C-Y Chen, G-Y Zhu</u>	Method of isolating Phenanthroindolizine alkaloids from Tylophora Atrofolliculata with HIF-1 inhibitory activity, compositions comprising them and their use	(2023/4/29) Renewal Due  (2016/5/26) Granted  (2016/4/29) Filed
17	Australian Innovation Patent Application No. 2016100495		Method of isolating Phenanthroindolizine alkaloids from Tylophora Atrofolliculata, compositions comprising them and their use	(2023/4/29) Renewal Due  (2016/5/19) Granted  (2016/4/29) Filed

18	Australian Innovation Patent Application No. 2016100560	<u>Y Liang</u> , H-H Huang, X-Y Liu	Method and system for determining an association of biological features with a medical condition	
19	Australian Innovation Patent Application No. 2016100561	<u>Y Liang</u> , H Chai, Z-Y Yang, X-Y Liu	Method and system for determining an estimated survival time of a subject with a medical condition	(2022/5/10) Renewal Due  (2016/6/2) Granted
20	Australian Innovation Patent Application No. 2016100562	<u>Y Liang</u> , H-H Huang, X-Y Liu	Method and system for determining an association of biological feature with medical condition	(2016/5/10) Filed
21	Australian Innovation Patent Application No. 2016100563	<u>Y Liang</u> , H Chai, X-Y Liu	System and method for determining an association of at least one biological feature with a medical condition	
22	Australian Innovation Patent Application No. 2016100891	<u>L Liu</u> , <u>E-L-H Leung</u> , X Li, <u>X-X Fan</u> ,	Hydroxynaphthoquinone compounds for treatment of non-small cell lung cancer	(2022/6/20) Renewal Due  (2016/6/30) Granted  (2016/6/20) Filed
23	Australian Innovation Patent Application No. 2016101037	<u>N Li</u> , Y Liang, <u>L Liu</u>	Method of isolating Diterpene alkaloids from Aconitum Carmichaelii and their use	(2022/7/7) Renewal Due  (2016/7/28) Granted  (2016/7/7) Filed

24	Australian Innovation Patent Application No. 2016101447	<u>W Zhang</u> , <u>J-R Gua</u> , <u>Z-H Jiang</u> , <u>C-Y Wang</u> , <u>B-M Liu</u>	Synergistic combination of a Phyllanthus Amarus extract and 5-Fluorouracil for treatment of subject with cancer	(2022/8/12) Renewal Due (2016/8/25) Granted (2016/8/12) Filed
25	Australian Innovation Patent Application No. 2016101467	<u>X-J Yao</u> , <u>E-L-H Leung</u> , <u>L-X Luo</u> , <u>L Liu</u>	ALK kinase inhibitors and its use	(2022/8/17) Renewal Due (2016/9/1) Granted (2016/8/17) Filed
26	Australian Innovation Patent Application No. 2016101491	<u>V-K-W Wong</u> , <u>M-C Wong</u>	Cobalt-polypyridyl complex for treatment of cancer, a pharmaceutical composition and a kit comprising it	(2022/8/22) Renewal Due (2016/9/8) Granted (2016/8/22) Filed
27	Australian Innovation Patent Application No. 2016101528	<u>J-X Chen</u> , <u>B Sun</u> , <u>H-Q Zhao</u> , <u>B-P Xie</u> , <u>L-P Bai</u> , <u>Z-H Jiang</u>	Zwitterionic zinc(II) carboxylate compounds and their use	(2022/8/30) Renewal Due (2016/9/29) Granted (2016/8/30) Filed
28	Australian Innovation Patent Application No. 2016101702	<u>J-X Chen</u> , <u>J-X Pang</u> , <u>S-W Liu</u> , <u>L-P Bai</u> , <u>Z-H Jiang</u>	Crystalline contrast agent for magnetic resonance imaging, kit and composition comprising it and their use	(2022/9/21) Renewal Due (2016/10/6) Granted (2016/9/21) Filed
29	Australian Innovation Patent Application No. 2016101736	<u>B-Y-K Law</u> , <u>V-K-W Wong</u> , <u>A-G Wu</u> , <u>L Liu</u> , <u>Z Wu</u>	Triterpenoid obtainable from Hedera Helix for treatment of neurodegenerative diseases	(2022/9/29) Renewal Due (2016/10/20) Granted (2016/9/29) Filed

30	<b>Australian Innovation Patent Application No. 2016101958</b>	<u>H Zhou</u> , Q-B Han, Y-H Zuo, <u>L Liu</u> , R-Q Yue	<b>Carbohydrate composition extracted from panax ginseng and its use in the treatment of ischemic conditions</b>	<b>(2022/11/8) Renewal Due  (2016/12/8) Granted  (2016/11/8) Filed</b>
31	<b>Australian Innovation Patent Application No. 2016102067</b>	<u>L Liu</u> , <u>D-C Ward</u> , <u>E-L-H Leung</u> , <u>X-J Yao</u> , <u>V-K-W Wong</u> , L-X Luo	<b>Combination treatment of RAS-positive diseases with PDEd inhibitor and direct autophagy inhibitor</b>	<b>(2022/12/1) Renewal Due  (2016/12/15) Granted  (2016/12/1) Filed</b>

**Granted in Year 2017**

32	Australian Innovation Patent Application No. 2016102096	<u>L Liu</u> , <u>E-L-H Leung</u> , <u>X-J Yao</u> , <u>V-K-W Wong</u> , X Chen	Method to treat lung cancer	(2022/12/8) Renewal Due  (2017/1/5) Granted  (2016/12/8) Filed
33	Australian Innovation Patent Application No. 2017100026	<u>L Liu</u> , <u>T Li</u> , <u>G-Y Zhu</u> , F Yang	Limonoids for treating autoimmune diseases	(2023/1/9) Renewal Due  (2017/2/9) Granted  (2017/1/9) Filed
34	Australian Innovation Patent Application No. 2017100105	<u>L Liu</u> , <u>E-L-H Leung</u> , <u>X-J Yao</u> , R-Z Li	Methods for treating lung cancer	(2023/1/27) Renewal Due  (2017/2/23) Granted  (2017/1/27) Filed
35	Australian Innovation Patent Application No. 2017100545	<u>J-L Wu</u> , <u>N Li</u> , <u>L Liu</u> , W-Y Gu, X-Q Bian	Method of determining histamine in a sample and kit for doing the same	(2022/5/17) Renewal Due  (2017/6/1) Granted  (2017/5/17) Filed
36	Australian Innovation Patent Application No. 2017100565	J-X Chen, B Sun, B-P Xie, <u>Z-H Jiang</u> , <u>L-P Bai</u>	Crystalline lanthanum-carboxylate coordination polymers and their use	(2022/5/18) Renewal Due  (2017/6/1) Granted  (2017/5/18) Filed



37	Australian Innovation Patent Application No. 2017100590	<u>J-X Chen</u> , <u>B-P Xie</u> , <u>G-H Qiu</u> , <u>P-P Hu</u> , <u>Z Liang</u> , <u>Y-M Liang</u> , <u>B Sun</u> , <u>L-P Bai</u> , <u>Z- H Jiang</u>	Crystalline copper-based coordination polymers and their use	(2022/5/22) Renewal Due  (2017/6/8) Granted  (2017/5/22) Filed
38	Australian Innovation Patent Application No. 2017100632	<u>L Liu</u> , <u>H-D Pan</u> , <u>Y-F Zheng</u> , <u>R-Z Li</u>	An oral liquid probiotic formulation and method of preventing and/or treating arthritis	(2023/5/29) Renewal Due  (2017/6/22) Granted  (2017/5/29) Filed
39	Australian Innovation Patent Application No. 2017100644	<u>L Liu</u> , <u>E-L-H Leung</u> , <u>X-J Yao</u> , <u>R-Z Li</u> , <u>X-X Fan</u>	Bufadienolide for treatment of non-small cell lung cancer	(2022/6/1) Renewal Due  (2017/6/29) Granted  (2017/6/1) Filed
40	Australian Innovation Patent Application No. 2017100874	<u>V-K-W Wong</u> , <u>B-Y-K Law</u> , <u>M-C Wong</u>	Method for inhibiting the expression of ABC transporter protein	(2022/6/27) Renewal Due  (2017/7/20) Granted  (2017/6/27) Filed
41	Australian Innovation Patent Application No. 2017100944	<u>L Liu</u> , <u>V-K-W Wong</u> , <u>B-Y-K Law</u> , <u>C-L Qiu</u>	Method of treating refractory rheumatoid arthritis	(2023/7/10) Renewal Due  (2017/7/20) Granted  (2017/7/10) Filed

42	Australian Innovation Patent Application No. 2017100960	<u>L Liu</u> , <u>E-L-H Leung</u> , Y Li, <u>X-J Yao</u> , H-D Pan	Method of identifying a gene associated with a disease or pathological condition of the disease	(2023/7/13) Renewal Due (2017/7/27) Granted (2017/7/13) Filed
43	Australian Innovation Patent Application No. 2017100973	<u>L Liu</u> , L-F Huang, <u>T Li</u>	Method to treat Anaphylactoid reaction	(2023/7/17) Renewal Due (2017/8/3) Granted (2017/7/17) Filed
44	Australian Innovation Patent Application No. 2017100992	<u>G-Y Zhu</u> , <u>Z-H Jiang</u> , J Yang, <u>X-J Yao</u> , X Liu, J Fu, <u>L-P Bai</u> , <u>L Liu</u>	Novel Lignanamides and a method of treating neurodegenerative diseases by using the same	(2022/7/20) Renewal Due (2017/8/9) Granted (2017/7/20) Filed
45	Australian Innovation Patent Application No. 2017101044	<u>X-J Yao</u> , <u>E-L-H Leung</u> , <u>L Liu</u> , <u>X-X Fan</u> , C Xie	Method of treating lung cancer	(2023/8/1) Renewal Due (2017/8/16) Granted (2017/8/1) Filed
46	Australian Innovation Patent Application No. 2017101048			

47	<b>Australian Innovation Patent Application No. 2017101103</b>	<u>L Liu, X-H Su, T Li</u>	<b>Method of treating Rheumatoid arthritis</b>	<b>(2022/8/14) Renewal Due  (2017/8/30) Granted  (2017/8/14) Filed</b>
48	<b>Australian Innovation Patent Application No. 2017101212</b>	<u>H Zhou, J-X Liu, J-F Lou, C-S Chen, E- L-H Leung, L Liu</u>	<b>Method of selectively inhibiting muges-1</b>	<b>(2022/9/5) Renewal Due  (2017/9/20) Granted  (2017/9/5) Filed</b>
49	<b>Australian Innovation Patent Application No. 2017101224</b>	<u>Y Xie, L Liu, H Zhou</u>	<b>Method of increasing the bioavailability of Silybin</b>	<b>(2022/9/6) Renewal Due  (2017/9/20) Granted  (2017/9/6) Filed</b>

**Granted in Year 2018**

50	Australian Innovation Patent Application No. 2017101728	<u>W-Z Ma</u> , <u>Y Xie</u> , W-J Lin, J-J Huang, Z Long, X-L Liao	Method of treating breast cancer	(2022/12/7) Renewal Due  (2018/1/3) Granted  (2017/12/7) Filed
51	Australian Innovation Patent Application No. 2017101742	<u>L Liu</u> , <u>T Li</u> , <u>L-P Bai</u> , J Liu	Method of treating an autoimmune disease	(2022/12/12) Renewal Due  (2018/1/17) Granted  (2017/12/12) Filed
52	Australian Innovation Patent Application No. 2018100123	<u>Z-H Jiang</u> , <u>L-P Bai</u> , X-B Zhou, <u>V-K-W Wong</u> , Z-Y Zheng, <u>B-Y-K Law</u>	Compounds that activate autophagy	(2023/1/29) Renewal Due  (2018/2/14) Granted  (2018/1/29) Filed
53	Australian Innovation Patent Application No. 2018100592	<u>J-L Wu</u> , <u>N Li</u> , <u>L Liu</u> , X-Q Bian	Method and kit for detecting Carboxyl - containing compound	(2022/5/9) Renewal Due  (2018/5/30) Granted  (2018/5/9) Filed
54	Australian Innovation Patent Application No. 2018100759	<u>Y Liang</u> , X-Y Liu, S Wang	Computer implemented method and system for analyzing data in a dataset	(2022/6/6) Renewal Due  (2018/6/27) Granted  (2018/6/6) Filed

55	Australian Innovation Patent Application No. 2018100796	<u>Y Liang</u> , X-Y Liu, S Wang	A genetic feature identifying system and a search method for identifying features of genetic information	(2022/6/14) Renewal Due (2018/7/4) Granted (2018/6/14) Filed
56	Australian Innovation Patent Application No. 2018100801	<u>H Zhou</u> , J-F Luo, Y Dai, <u>L Liu</u> , <u>X-S Yao</u>	Methods of treating diseases related to inflammation and oxidative stress	(2022/6/15) Renewal Due (2018/7/4) Granted (2018/6/15) Filed
57	Australian Innovation Patent Application No. 2018101071	<u>Y Xie</u> , <u>Z-H Jiang</u>	Methods and compositions for treating multidrug-resistant cancer	(2023/8/2) Renewal Due (2018/8/29) Granted (2018/8/2) Filed
58	Australian Innovation Patent Application No. 2018101287	<u>Z-H Jiang</u> , T-M Yan, K-Y Cao	Method and pharmaceutical composition for treating cancer	(2023/9/4) Renewal Due (2018/11/21) Granted (2018/9/4) Filed
59	Australian Innovation Patent Application No. 2018101488	<u>E-L-H Leung</u> , <u>Z-H Jiang</u> , <u>W-W-L Hsiao</u> , <u>L Liu</u> , L-X Luo	Method and kit for treating cancer through combination therapy	(2022/10/5) Renewal Due (2018/10/24) Granted (2018/10/5) Filed
60	Australian Innovation Patent Application No. 2018101501	<u>X-S Yao</u> , <u>E-L-H Leung</u> , L-X Luo, <u>L Liu</u>	Method of treating cancer	(2022/10/10) Renewal Due (2018/10/24) Granted (2018/10/10) Filed

**Granted in Year 2019**

61	<b>Australian Innovation Patent Application No. 2018102089</b>	<u>Y-H Xu</u> , H-L Guo, <u>H Zhou</u> , Q Zhu	Method of treating Endotoxemia	(2022/12/18) Renewal Due (2019/1/16) Granted (2018/12/18) Filed
62	<b>Australian Innovation Patent Application No. 2019101081</b>	<u>H Zhou</u> , Y-H Zuo, W Wang, <u>Y Xie</u>	Method of inhibiting or treating cardiovascular disorder	(2022/9/19) Renewal Due (2019/10/16) Granted (2019/9/19) Filed
63	<b>Australian Innovation Patent Application No. 2019101124</b>	<u>L Liu</u> , <u>H-D Pan</u> , <u>J-R Wang</u> , C-J Wang, <u>Y Liang</u>	Method of diagnosing systemic Lupus Erythematosus	(2022/9/27) Renewal Due (2019/10/16) Granted (2019/9/27) Filed

**Granted in Year 2020**

<b>64</b>	<b>Australian Standard Patent Application No. 2013259486</b>	<b>C Liang, <u>Z-H Jiang</u>, Z-Y Wang, Z-L Yu, <u>J-R Wang</u>, <u>L-P Bai</u></b>	<b>Methods and compounds for inhibiting the MCM complex and their application in cancer treatment</b>	<b>(2023/5/9) Renewal Due  (2020/3/26) Granted  (2013/5/9) Filed</b>
<b>65</b>	<b>Australian Innovation Patent Application No. 2020101933</b>	<b><u>Z-H Jiang</u>, K Hu, T-M Yan</b>	<b>Methods and compositions for preventing or treating heart disease</b>	<b>(2022/8/21) Renewal Due  (2020/9/16) Granted  (2020/8/27) Filed</b>

**Granted in Year 2021**

66	Australian Innovation Patent Application No. 2020103404	<u>Z-H Jiang</u> , L-F Yau, T-T Tong, H Huang, K Hu, <u>E-L-H Leung</u>	Medicinal composition comprising a non-coding RNA molecule and an antibody targeting a tumor antigen	(2022/11/12) Renewal Due (2021/1/13) Granted (2020/11/12) Filed
67	Australian Innovation Patent Application No. 2020103878	<u>Z-H Jiang</u> , <u>N-S Zhong</u> , <u>Z-F Yang</u> , <u>J-R Wang</u> , Q-T Feng, X-B Zhou, B-X Zhou	Compounds and methods for treating influenza	(2022/12/3) Renewal Due (2021/1/27) Granted (2020/12/3) Filed
68	Australian Innovation Patent Application No. 2020103946	<u>Z-H Jiang</u> , K-Y Cao, Y Pan, T-M Yan	Nucleic acid molecules and uses thereof	(2022/12/8) Renewal Due (2021/1/27) Granted (2020/12/8) Filed
69	Australian Innovation Patent Application No. 2021104919	J Chen, <u>B-Y-K Law</u> , <u>V-K-W Wong</u> , A- L Huang	Compositions and methods of inhibition of transcription and replication of HBV	(2023/8/4) Renewal Due (2021/9/15) Granted (2021/8/4) Filed