

**AVACTA LIFE SCIENCES LIMITED – PATENTS SUMMARY**

**Updated 30 March 2020**

**MODIFIED STEFIN A SCAFFOLD PROTEINS:**

<b>Title</b>	<b>Country</b>	<b>Status</b>	<b>Application No.</b>	<b>Grant No.</b>	<b>Priority Date</b>	<b>Grant Date</b>
Modified Stefin A Scaffold Proteins (Type 1 SQT) - PCT/GB2009/050380	Canada	Pending	2,757,513		16-Apr-09	
	China	Granted		102056942B		31-May-17
	Europe	Granted		2279205		17-Aug-16
	Austria	Granted		2279205		17-Aug-16
	Belgium	Granted		2279205		17-Aug-16
	Switzerland	Granted		2279205		17-Aug-16
	Germany	Granted		2279205		17-Aug-16
	Denmark	Granted		2279205		17-Aug-16
	Spain	Granted		2279205		17-Aug-16

Finland	Granted	2279205	17-Aug-16
France	Granted	2279205	17-Aug-16
United Kingdom	Granted	2279205	17-Aug-16
Greece	Granted	2279205	17-Aug-16
Hungary	Granted	2279205	17-Aug-16
Italy	Granted	2279205	17-Aug-16
The Netherlands	Granted	2279205	17-Aug-16
Norway	Granted	2279205	17-Aug-16
Poland	Granted	2279205	17-Aug-16
Portugal	Granted	2279205	17-Aug-16
Sweden	Granted	2279205	17-Aug-16
Japan	Granted	5688362	30-Jan-15
USA	Granted	8,853,131	07-Oct-14
USA Divisional	Granted	9,447,170	20-Sep-16

**IMPROVED MAMMALIAN SCAFFOLD:**

<b>Title</b>	<b>Country</b>	<b>Status</b>	<b>Application No.</b>	<b>Grant No.</b>	<b>Priority Date</b>	<b>Grant Date</b>
Improved Mammalian Scaffold (3r/3t series)	United Kingdom	Abandoned - PCT	GB1710973.7		07-Jul-17	
Improved Mammalian Scaffold (3r/3t series)	PCT	Abandoned – National Phases	PCT/GB2018/051855		07-Jul-17	
	Australia	Pending	2018295447		07-Jul-17	
	Canada	Pending	3,067,682		07-Jul-17	
	China	Pending			07-Jul-17	
	Europe	Pending	18740273.0		07-Jul-17	
	Israel	Pending	271340		07-Jul-17	
	Japan	Pending	JP2019-570496		07-Jul-17	
	Republic of Korea	Pending	10-2020-7002753		07-Jul-17	
	Singapore	Pending	11201912298Q		07-Jul-17	
	USA	Pending	16/623,680		07-Jul-17	
Improved Mammalian Scaffold (3r/3t series)	Taiwan	Pending	107123473		07-Jul-17	

**PD-L1 BINDING  
AFFIMERS:**

<b>Title</b>	<b>Country</b>	<b>Status</b>	<b>Application No.</b>	<b>Grant No.</b>	<b>Priority Date</b>	<b>Grant Date</b>
PD-L1 Binding Affimers and Uses Related Thereto	United Kingdom	Pending	GB1805963.4		11/04/2018	
PD-L1 Binding Affimers and Uses Related Thereto	PCT	Pending	PCT/EP2019/059354		11/04/2018	
PD-L1 Binding Affimers and Uses Related Thereto	Taiwan	Pending	108112713		11/04/2018	

**NOVEL DRUG CONJUGATES:**

<b>Title</b>	<b>Country</b>	<b>Status</b>	<b>Application No.</b>	<b>Grant No.</b>	<b>Priority Date</b>	<b>Grant Date</b>
Tumour micro-environment activated drug-conjugates and uses thereto  joint application made with Trustees of Tufts College	USA	Pending	62/680,300		04/06/2018	
Tumour micro-environment activated drug-conjugates and uses thereto joint application made with Trustees of Tufts College	PCT	Pending	PCT/US19/35374		04/06/2018	
Tumour micro-environment activated drug-conjugates and uses thereto joint application made with Trustees of Tufts College	Taiwan	Pending	108119354		04/06/2018	

**ORIGINAL STEFIN A  
PATENT:**

<b>Title</b>	<b>Country</b>	<b>Status</b>	<b>Application No.</b>	<b>Grant No.</b>	<b>Priority Date</b>	<b>Grant Date</b>
STM Scaffold (Type 1 STM) - PCT GB 2006/002115	Australia	Granted	2,610,976	2006256530	08/06/2006	04-Apr-13
	Canada	Pending				
	Europe	Granted	1904529	11-Aug-10		
	Austria	Granted	1904529	11-Aug-10		
	Switzerland	Granted	1904529	11-Aug-10		
	Germany	Granted	1904529	11-Aug-10		
	Denmark	Granted	1904529	11-Aug-10		
	Spain	Granted	1904529	11-Aug-10		
	France	Granted	1904529	11-Aug-10		
	United Kingdom	Granted	1904529	11-Aug-10		
	Italy	Granted	1904529	11-Aug-10		
	The Netherlands	Granted	1904529	11-Aug-10		
	Sweden	Granted	1904529	11-Aug-10		

Japan	Granted	4989638	11-May-12
USA	Granted	8,481,491	09-Jul-23
USA Divisional	Granted	8,063,019	22-Nov-11

<u>Title</u>	<u>Country</u>	<u>Application No.</u>	<u>Priority Date</u>	<u>Grant No.</u>	<u>Grant Date</u>
FAP-Activated Therapeutic Agents, and Uses Related Thereto*	US	62/011989	13 June 2014	Provisional/Expired	
	US	62/012003	13 June 2014	Provisional/Expired	
	US	62/051033	16 Sept 2014	Provisional/Expired	
	PCT	US15/035798	15 June 2015	Nationalized	
	PCT	US15/035800	15 June 2015	Nationalized	
	US	15/318627	13 Dec 2016	Pending – Notice of Allowance	
	US	15/318607	13 Dec 2016	9,737,556	22 Aug 2017
	US	15/655317	20 July 2016	10,117,887	6 Nov 2018
	US	16/161,170	16 Oct 2018	Pending	
	Canada	2952051	12 Dec 2016	Pending	
	China	201580043350.9	19 April 2017	Pending	
	Hong Kong	17109290.9	13 Sept 2017	Pending	
	Israel	249370	4 Dec 2016	Pending	
	Japan	2016-572687	15 June 2015	Pending	
	Europe	15807049.0	9 Jan 2017	Pending	

\*Exclusive licensee



**PLANT CYSTATIN  
CONSENSUS PATENT:**

<b>Title</b>	<b>Country</b>	<b>Status</b>	<b>Application No.</b>	<b>Grant No.</b>	<b>Priority Date</b>	<b>Grant Date</b>
Novel Synthetic Proteins*	Australia	Granted	2014217628	2014217628	14-Feb-2003	10-Aug-17
	Australia	Pending	2017206237			
	Canada	Pending	2,900,745			
	China	Pending	2.0148E+12			
	Europe	Granted		EP2956156		18 March 2020
	Hong Kong	Pending	16105949.3			
	International	Expired	PCT/GB2014/050435			
	Japan	Pending	2015-557514			
	United Kingdom	Expired	GB1302597.8			
	USA	Granted	14/768,032 15/904,069 divisional patent application based on 14/768,032 Novel Synthetic Proteins	9,932,575		03-Apr-18
	USA	Pending				

\*Exclusive Licensee