

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ANA MARIA DOSCH	11/17/2023
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TAC1 GENETICS INC.	
<b>Street Address:</b>	2910 SOUTH SHERIDAN WAY	
<b>City:</b>	OAKVILLE	
<b>State/Country:</b>	CANADA	
<b>Postal Code:</b>	L6J 7J8	
<b>PROPERTY NUMBERS Total: 3</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Patent Number:</b>	9192647	
<b>Patent Number:</b>	9689038	
<b>Patent Number:</b>	7544365	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(416)361-1398	
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<b>ATTORNEY DOCKET NUMBER:</b>	28920-P73975US00	
<b>NAME OF SUBMITTER:</b>	MELANIE SZWERAS	
<b>SIGNATURE:</b>	/Melanie Szweras/	
<b>DATE SIGNED:</b>	11/23/2023	
<b>Total Attachments: 5</b>		
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**PATENT**

**REEL: 065653 FRAME: 0738**

**ASSIGNMENT**

WHEREAS **Ana Maria Dosch**, whose full post office address is **99 Harbour Square, Suite 4009, Toronto, Ontario, Canada M5J 2H2** (hereinafter "the Assignor"), owns all right, title and interest to one or more inventions which are the subject of patent applications, now issued patents, as listed in the attached **Schedule A** (hereinafter "the Applications");

AND WHEREAS **TAC1 Genetics Inc.**, whose full post office address is **2910 South Sheridan Way, Oakville, Ontario, Canada L6J 7J8** (hereinafter "the Assignee"), has acquired from the Assignor its entire right, title and interest in and to the inventions, in all countries of the world, including its rights to the Applications and all related applications and patents thereon, including any and all international, national and regional phase applications based on the Applications, and other counterpart applications in all countries, and any and all substitutes, divisionals, continuations and continuations-in-part, and any Letters Patent that may be obtained therefor, and in any and all reissues, extensions, renewals and reexaminations of such applications and patents, including the right to claim priority to the Applications, and to all related applications and patents thereon filed by the Assignor or Assignee, including the benefit of any right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and the benefit of any right of priority provided by any convention or treaty under domestic or foreign law, and to invoke and claim any such right of priority without further written or oral authorization from the Assignor;

NOW THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, the Assignor does hereby sell and assign, transfer and set over to the Assignee, all its right, title and interest for Canada, the United States of America, its

territories, dependencies and possessions, and for all other countries in the world, in and to the inventions, including its rights to the Applications, and all related applications and patents thereon, including the right to claim priority to the Applications and to all related applications and patents thereon, to be held and enjoyed by the Assignee, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by them, had this Assignment not been made.

The Assignor shall without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain the Applications for the inventions, and all related applications and patents thereon, in any and all countries, and to vest title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

The Assignor and the Assignee authorize and empower Bereskin & Parr LLP/S.E.N.C.R.L., s.r.l., whose complete address is Scotia Plaza, 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2, to insert on this Assignment any further identification, to prepare any translation which may be necessary or desirable in order to comply with the rules for recordation of this document in any country and to correct any clerical error in this Assignment.

The Commissioner of Patents & Trademarks is hereby authorized and requested to issue any Letters Patent for the Applications, and all related applications thereon, to the Assignee, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

If a provision of this Assignment is or becomes illegal, invalid or unenforceable in any jurisdiction, that shall not affect the validity or enforceability in that jurisdiction of any other provision of this Assignment, or the validity or enforceability in other jurisdictions of that or any other provision of this Assignment.


For the purpose of all legal proceedings, this Assignment will be deemed to have been performed in the Province of Ontario and will be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

This Assignment may be executed in any number of counterparts and all of such counterparts shall together constitute one and the same instrument.

The Parties confirm their express wish that this Assignment be drawn up in the English language. *Les parties confirment leur volonté expresse que cette cession soit rédigée en langue anglaise.*

Ana Maria Dosch


SIGNED AT Toronto, Canada this 17<sup>th</sup> day of November 2023

  
\_\_\_\_\_  
Signature of Witness  
Name: Don Hilton

  
\_\_\_\_\_  
Name: Ana Maria Dosch

TAC1 Genetics Inc.

SIGNED AT Toronto, Canada this 17<sup>th</sup> day of November 2023.

  
\_\_\_\_\_  
Signature of Witness  
Name: Christine Hilton

  
\_\_\_\_\_  
Name: Donald Hilton  
Title: President, TAC1 Genetics Inc.

Schedule A

Country	Title	Application No. / Patent No.	Filing Date / Issue Date
U.S.	METHOD FOR REVERSING RECENT- ONSET TYPE 1 DIABETES (T1D) BY ADMINISTERING SUBSTANCE P (SP)	14/244,990 / 9,192,647	April 4, 2014 / November 24, 2015
U.S.	METHOD FOR REVERSING RECENT- ONSET TYPE 1 DIABETES (T1D) BY ADMINISTERING SUBSTANCE P (SP)	14/887,435 / 9,689,038	October 20, 2015 / June 27, 2017
U.S.	TRPV1 + SENSORY NEURONS CONTROL OF BETA-CELL STRESS AND ISLET INFLAMMATION IN DIABETES	11/638,830 / 7,544,365	December 14, 2006 / June 9, 2009