

Disclosure Statement

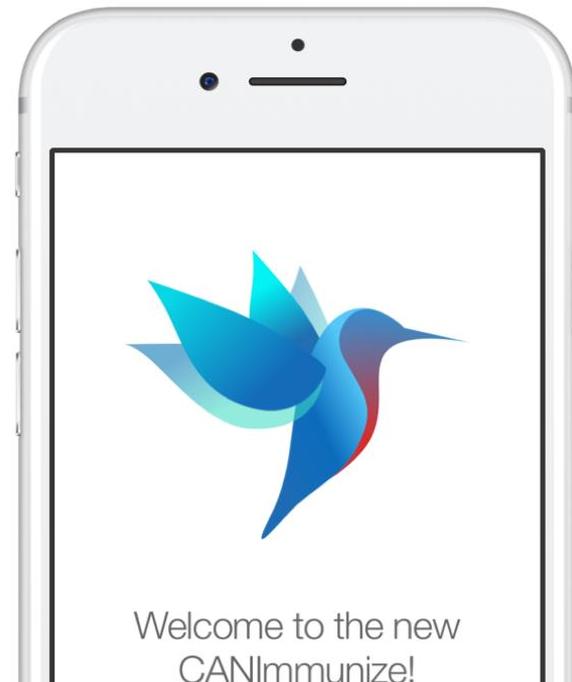
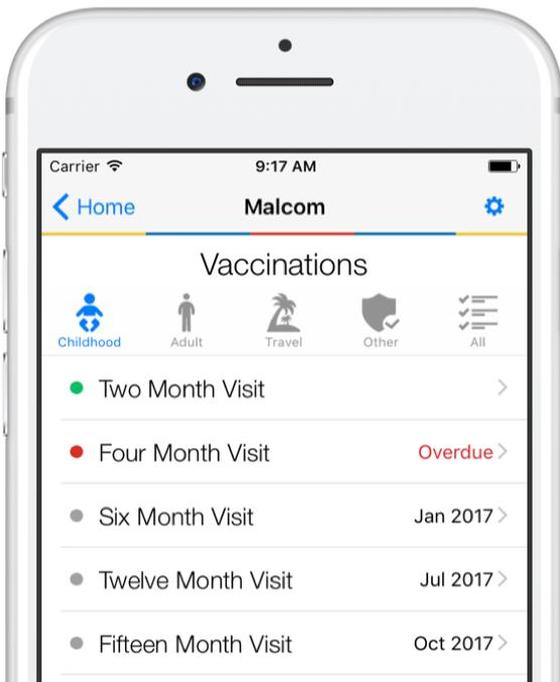
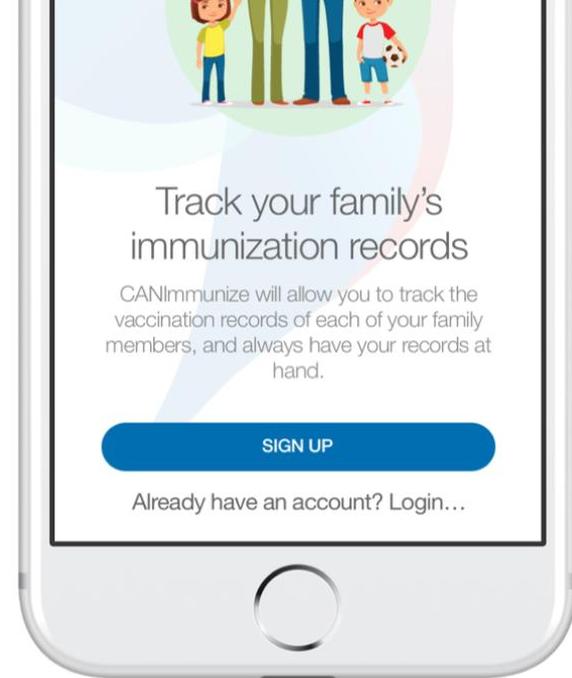
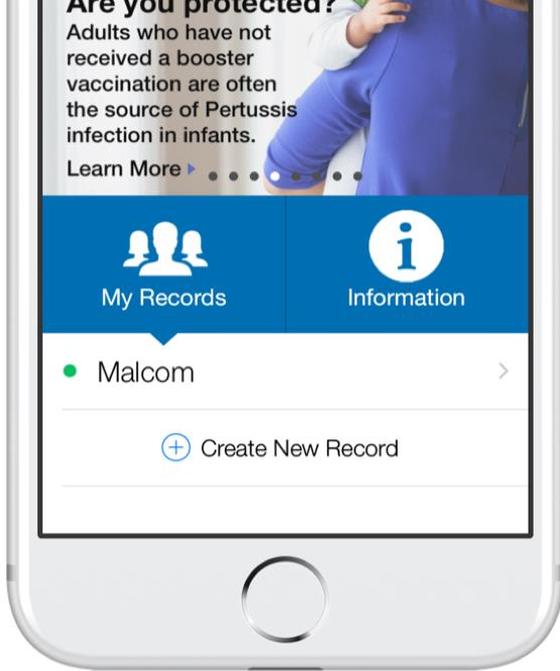
- We have no affiliation (financial or otherwise) with a pharmaceutical, medical device or communications organization.

Building Digital Connections

**Three Years of Mobile App
Immunization Reporting
with CANImmunize and
Ottawa Public Health**

Cameron Bell (OHRI) and Jessie St John (OPH)

May 2018



Partnership

- Initiated by Dr. Kumanan Wilson (OHRI) and Dr. Carolyn Pim (OPH) in 2015
- Goal: Allow parents in the Ottawa area to report their children's immunization records to Ottawa Public Health using the CANImmunize app



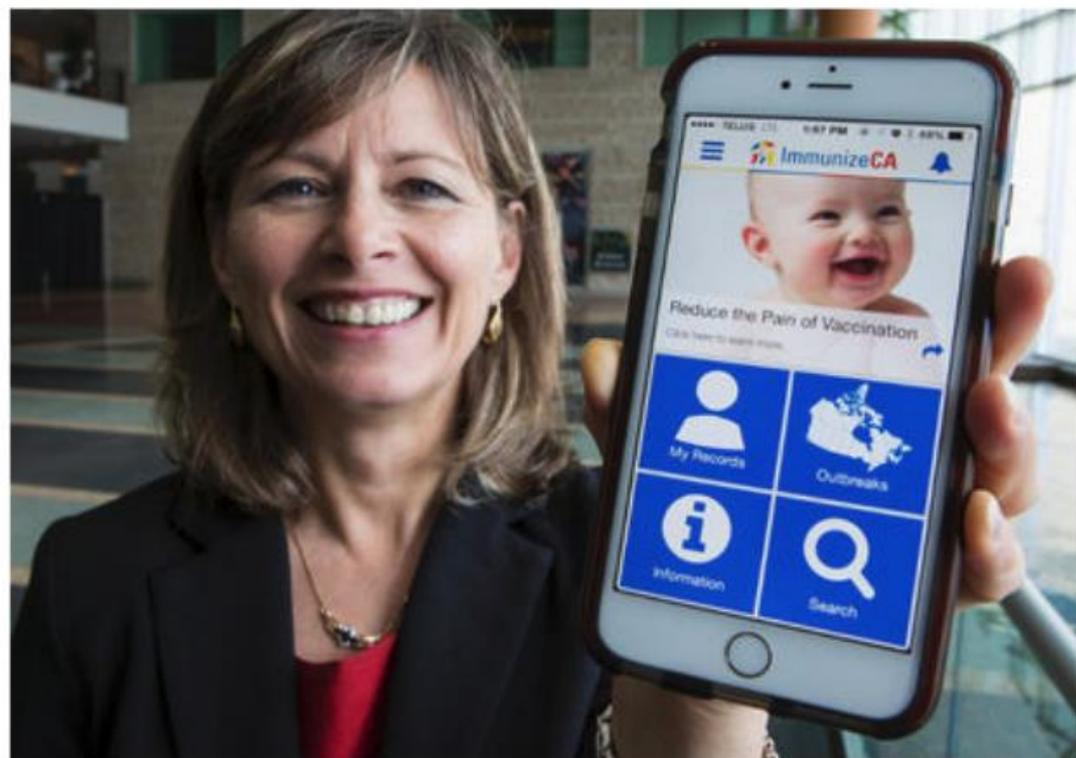
**The Ottawa
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App working to solve Ottawa Public Health vaccination data backlog 🗨️

BY DANI-ELLE DUBE, OTTAWA SUN

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After making it possible for parents to electronically document their child's immunization records, smartphone app ImmunizeCA now allows parents to send their child's records directly to Ottawa Public Health (OPH).

"It's become increasingly more important to have accurate information on immunizations," said Dr. Kumanan Wilson, senior scientist at the Ottawa Hospital Research Institute and one of the app's creator. "What we're hoping with this system is that we allow parents to manage their family's health information and at the same time when their child gets vaccinated they send their information directly to public health."

Launched in March 2014, ImmunizeCA's new feature took Wilson and his team about a year to develop.

Sherry Nigro, Manager of Health Promotion and Disease Prevention with Ottawa Public Health, holds an iPhone running the ImmunizeCA app on Thursday April 30, 2015. Errol McGilhon/Ottawa Sun/Postmedia Network

Original Process: Phase 1

■ Involved:

- Ottawa Hospital Research Institute (OHRI)
- Ottawa Public Health (OPH)
- Better Outcomes Registry & Network (BORN)



Phase 1 – April 2015 - December 2017

Challenges

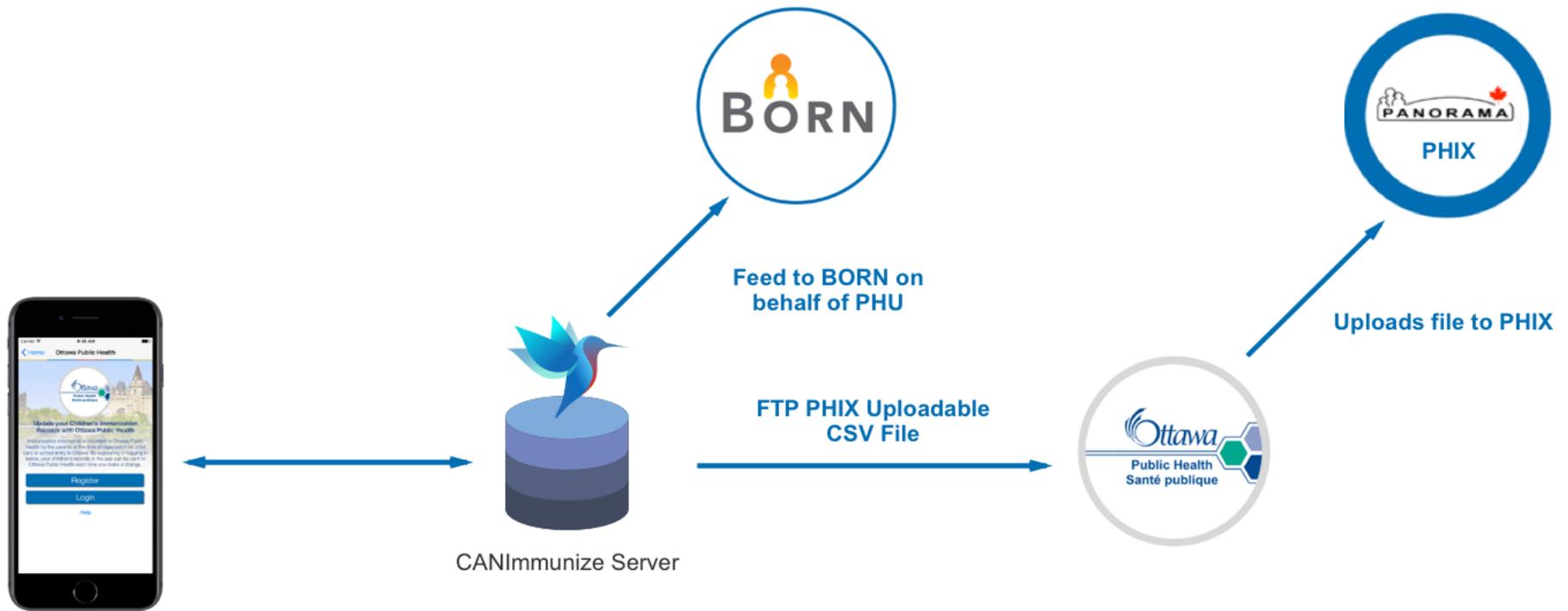
- Selection of due date rather than date administered
- Full records received for updates, increasing assessment and data entry time
- Lack of specificity for some vaccine categories (E.g. Meningococcal)

Results

Number of records sent from CANImmunize to OPH
April, 2015 to April 2018

Unique children related to Immunization Records sent	5,562
Immunization Records sent	29,752
Immunization Records sent with an added or updated dose	16,054
Unique Vaccinations	69,862

Current State: Phase 2 (PHIX Upload)

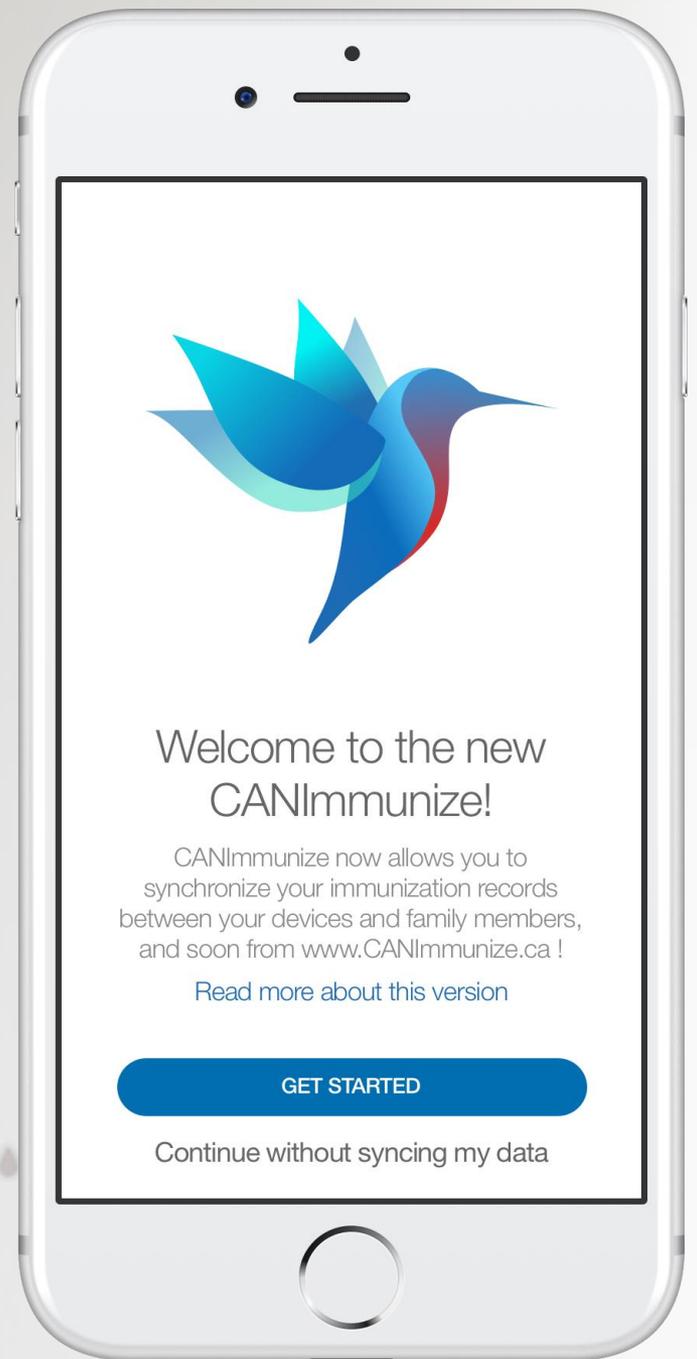


New Process

- Reduced manual data entry
- Increased efficiency
- Reduced potential for errors

Benefits

- Convenient mobile reporting
- Information on immunization coverage
- Streamlining of processes
- Health promotion and communication
- Upstream, client centered, population health
- Leveraging partnership and resources
- Service excellence
- Empowering public as partners in health



Welcome to the new CANImmunize!

CANImmunize now allows you to synchronize your immunization records between your devices and family members, and soon from www.CANImmunize.ca !

[Read more about this version](#)

[GET STARTED](#)

[Continue without syncing my data](#)

The Ontario Immunization Landscape

The Digital Health Immunization Repository (DHIR), developed by the MOHLTC, has laid a foundation for the way public-reported health information can be leveraged to improve provincial health information repositories. The lessons learned integrating CANImmunize with the DHIR will inform the implementation of similar systems across Canada and far beyond immunization.

Public



CANImmunize - Ontarians will be able to use CANImmunize to keep track of their immunization records, learn about immunization, and report their records to Panorama.



ICON - Ontarians can submit immunization records through portal customized to their local public health unit.



Public Health



PHIX - Public health validates and merges reported immunizations through administration tools.

m-IMMS - Public health immunizers can query and update DHIR immunization records through the m-IMMS mobile app.

Vaccine Providers



Vaccine providers will report immunizations through online portal until EMRs become integrated with Panorama.

Phase 3 – Late 2018 +

Roadmap

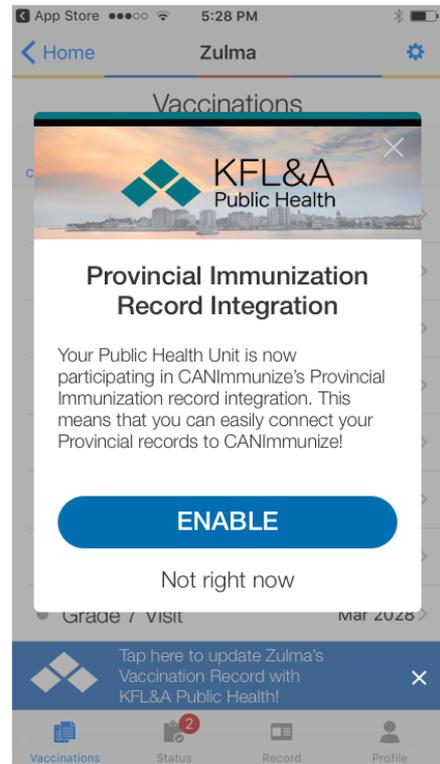
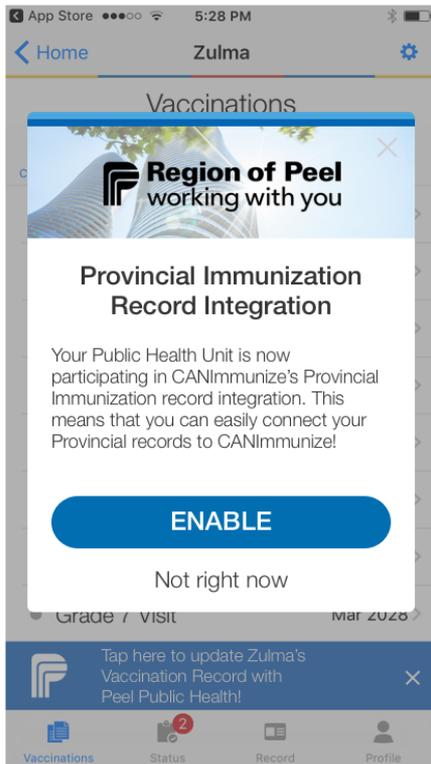
- **Phase 1 – April 2015 – February 2018 – BORN Feed**

- **Phase 2 – February 2018 – PHIX Upload**
 - OPH is currently uploading data extracts from CANImmunize into PHIX
 - KFL&A targeting launch May 2018; Discussions under way with 4 other PHUs

- **Phase 3 – Targeting Spring 2019 – CANImmunize/DHIR Integration**
 - OPH will be the first pilot site

Getting Started with CANImmunize

- If you are interested in enabling CANImmunize reporting for your public health unit, please reach out to:
Katherine Atkinson (katkinson@ohri.ca)
- Onboarding process includes:
 - Execution of agreement
 - Provision of brand assets and consent statement
 - Training on FTP and file upload process
 - Brief quality assurance activities
- Approximately 2.5 months from first conversation to go-live



Eteignez la maladie!
Blow out diseases!
A Parent's Guide to Vaccination
Guide sur la vaccination à l'intention des parents
PNEUMOCOCCAL DISEASE
La Maladie à Pneumocoque
Protect yourself and those around you by getting vaccinated.
Protégez-vous et ceux autour de vous en faisant vacciner.
Protect Your Child from Diseases
Protégez votre enfant contre les maladies
KEEP YOUR DISTANCE
THE
Click here to find out more
Did you know the flu will be around us for at least 6 months to 1 year?
Have you been vaccinated?
How does immunization work?
Comment l'immunisation fonctionne-t-elle?
Happy National Immunization Awareness Week!
Bonne semaine nationale de promotion de la vaccination
Be you, NOT the flu.
Immunization isn't only for children.
L'immunisation n'est pas seulement pour les enfants
Reducing the pain of vaccination
Réduire la douleur de la vaccination
Live in Ontario?
Vivez en Ontario?
Protect yourself and those around you by getting vaccinated.
Protégez-vous et ceux autour de vous en faisant vacciner.

Protégez votre enfant contre les maladies
N'attendez pas, Vaccinez!

Canada

Health Canada **Santé Canada**



CANImmunize
A digital immunization record for Canadians

CANImmunize is a free, bilingual tool that helps



CANImmunize
Un dossier d'immunisation digitale pour les Canadiens

CANImmunize est un outil gratuit et bilingue qui vous permet de suivre vos immunisations et de recevoir vos vaccins à temps



Track your family's immunization records

Receive reminders when it's time to vaccinate

Get the facts about immunizations in your province or territory

Mettez à jour les dossiers d'immunisation de votre famille

Recevez un rappel lorsque c'est le temps de recevoir un vaccin

Renseignez-vous sur l'immunisation dans votre province ou territoire

Download on the App Store | GET IT ON Google Play

Tell us what you think!
support@canimmunize.ca
@CANImmunize

Les jeunes! Allez voir notre bande dessinée numérique, **Guerriers de l'Immunité**: Invasion de créatures étrangères, à www.immunitywarriors.com

Dites-nous ce que vous en pensez!
support@canimmunize.ca
@CANImmunize



CANImmunize
Keep your immunization records at your fingertips

- Track your family's immunization
- Receive reminders when it's time to vaccinate
- Get the facts about immunization in your province
- Be notified of outbreaks
- Update your records

www.CANImmunize.ca
App Store



CANImmunize
Gardez vos dossiers de vaccination à portée de main

- Gérez les dossiers de vaccination de toute la famille en sécurité
- Recevez des rappels quand il est temps de vacciner
- Accédez aux faits et province
- Soyez au courant des épidémies
- Mettez à jour vos dossiers

www.CANImmunize.ca
App Store



CANImmunize
A digital immunization record for Canadians

CANImmunize is a free, bilingual tool that helps you track your immunizations and get vaccinated on time.

- Receive reminders when it's time to vaccinate
- Find reliable, up-to-date information on vaccines
- Carry your immunization information wherever you go

Download on the App Store | GET IT ON Google Play




Questions and answers

Who can use CANImmunize?
Everyone, from new parents and those who are moving to and from provinces and territories to those who have been vaccinated in the past.

Does CANImmunize replace my immunization record?
CANImmunize is an easy way to keep track of your immunization information. Your card is still official proof of your immunization records.

How will CANImmunize help me?
You can receive reminders in CANImmunize when it's time to vaccinate.
Find reliable, easy-to-understand information on how vaccines protect against infectious diseases like measles, mumps, meningitis and more.

For Kids!
The "For Kids" section in CANImmunize includes games, cool videos and a digital comic book, **Immunity Warriors: Invasion of the Alien Zombies**. We hope kids will have fun learning about the immune system and the importance of vaccination.

For more information, questions, concerns, or help getting started, you can email us at support@canimmunize.ca or go to www.CANImmunize.ca




marketing@canimmunize.ca

