

Open Drug Discovery Teams

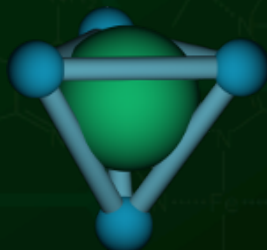
<http://molmatinf.com/oddt.html>

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Montréal NewTech



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The Problem



- Drug discovery research is very asymmetric.
- Diseases with many wealthy sufferers get most of the attention: great return on investment.

- Rare diseases? Neglected markets?
- Resources are extremely tight.
- Cannot afford **not** to share research.

The Solution

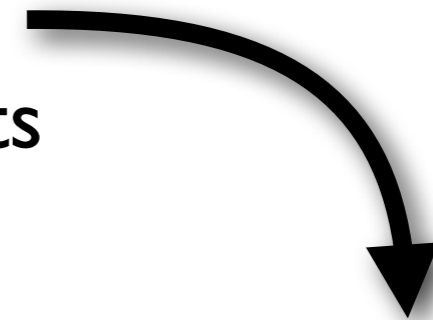
- government
- pharma
- charity

funding



- academics
- startups
- independents

publication



- literature
- blogs
- open science

Open Drug Discovery Teams

- content aggregation
- research communities

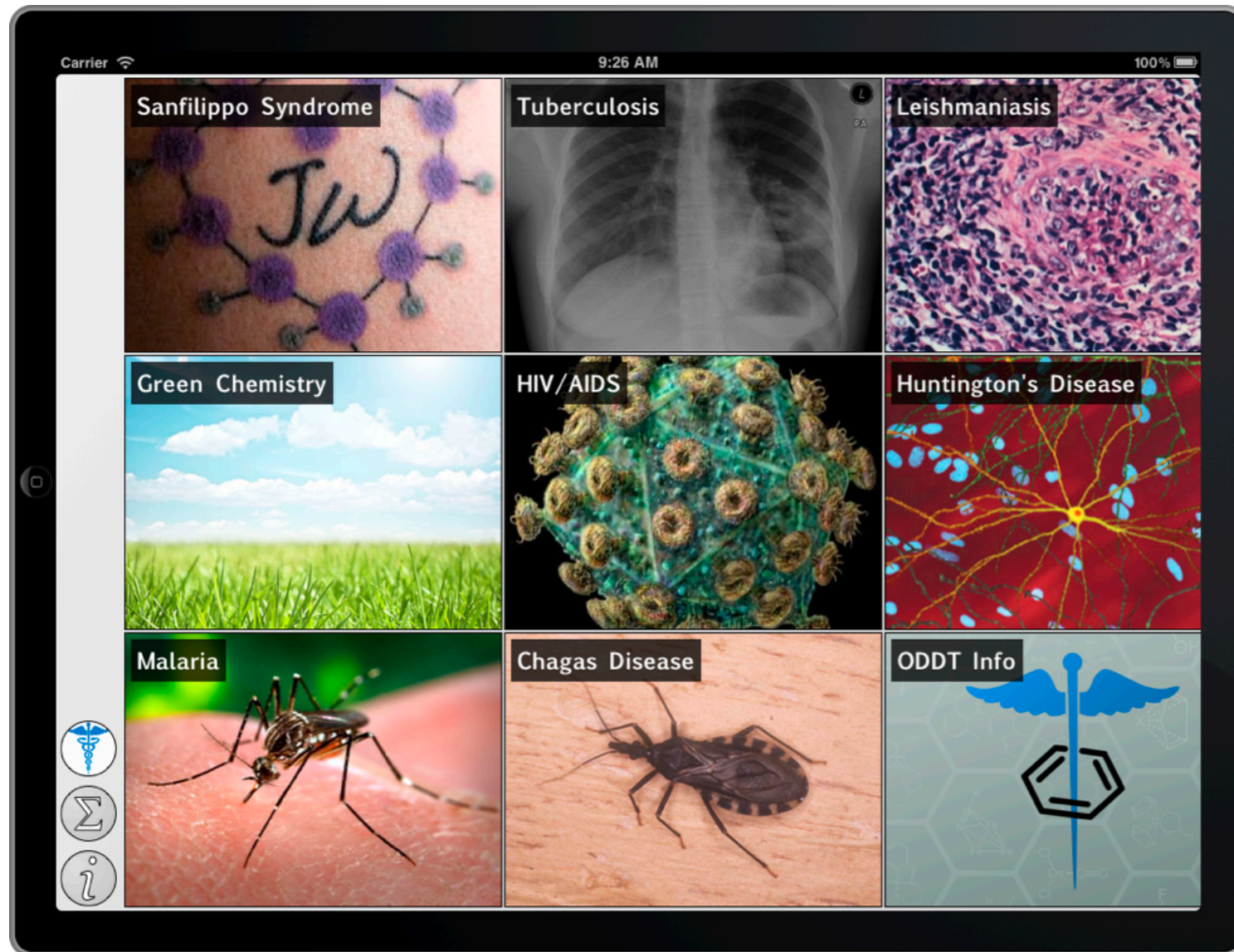


Twitter



#hashtags

The App



- iPhone, iPod, iPad

- Free!

bit.ly/JHsfhz

#sanfilipposyndrome

#tuberculosis

#leishmaniasis

#greenchemistry

#hivaids

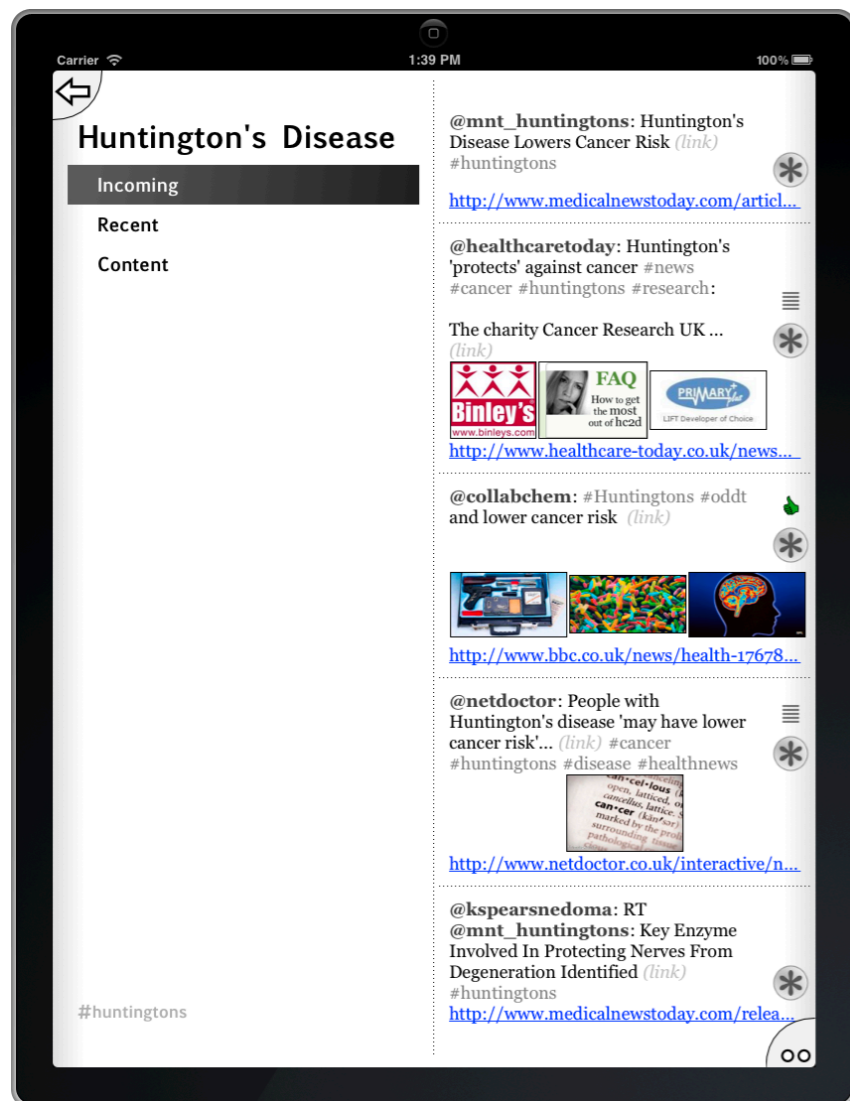
#huntingtons

#malaria

#chagas

#H5N1

Topic Browsing



- Magazine-like
- Thumbnails
- Links
- Molecules
- Voting

- Users curate the relevant content by endorsing
- Interaction is done by tweeting from the app
- The result is a crowd-curated knowledge resource

The Business Model

- App is free, data is totally open
- Funding options:
 - Charitable donations, e.g. Kickstarter
 - Research grants, e.g. Gates fund
 - Sponsorship, e.g. per-topic donations
 - Advertising to a well targeted audience
- Adding additional value to data and selling subscriptions
- Significant new intellectual property, can be licensed for internal use

More Information

<http://molmatinf.com/oddt.html>

<http://cheminf20.org>

<http://collabchem.com>

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