MicroRNA for Personalized Medicine

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Problem

Up to 50 million people worldwide are estimated to be affected by pulmonary hypertension (PH)

- On average, 2 years from start of symptoms to diagnosis

- 5 categories of PH (WHO class I – WHO class V), heterogeneity within each category

- No cure for PH for any of the categories

- Without treatment, life expectancy of 2 years for some forms of PH

- Decreased quality of life for all forms of PH

May 5, 2017

WORLD PULMONARY HYPERTENSION DAY

Are You Pulmonary Hypertension Aware? | Pulmonary Hypertension News

Released on May 5 to mark World Pulmonary Hypertension Awareness Day, this video from Buns and Pearls goes over some of the basic facts about the...

PULMONARYHYPERTENSIONNEWS.COM

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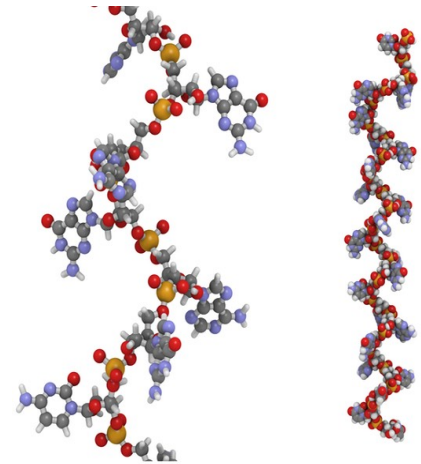You and 48 others　　Top Comments ▾

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Lisa Smith We need to find a cure...please watch this video 💜💜💜
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mRNA Analytics™

Our Solution

- MicroRNA-based Diagnostics
  - Can help to identify the molecular cause of pulmonary hypertension
  - Have diagnostic and predictive power
  - Can aid in: - Tracking the course of Pulmonary Hypertension
    - Matching the patient to the optimal drug
    - Clinical trials of new drugs (match patient to drug / detect responses)
  - Are minimally invasive

- MicroRNAs
  - Small non-coding RNA
  - Stable in body fluids (plasma, serum)
  - Conserved across different species

© Molekuul | Dreamstime.com - Micro RNA (mir-423-5p) Molecule Photo
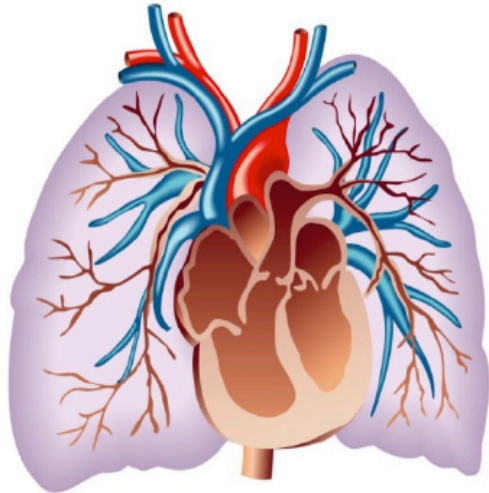
miRNA Analytics™

Team Mirna Analytics

Serhiy Pylawka, MS – co-Founder, Test Development & Business Development

Gabriele Grunig, DVM, PhD – co-Founder, Collaborations, Test Development & Business Development

Addition Sought to the Team Mirna Analytics

Fundraising for Optimization of Diagnostic

Bring to Market

Pulmonary Hypertension

Diagnostic miRNA test

Global Estimates:
Therapeutics Market: $50 B ($10,000 per patient, 50 M)
Diagnostics Market: $5 B   ($1,000 per patient, 50 M)

Thank you !!