Novel Therapeutic for Pulmonary Arterial Hypertension

**OCR Number:** OCR 5799

**Description:**

- Pulmonary arterial hypertension (PAH) has limited treatment options with 40-50% mortality within 3 years of diagnosis.
- Identification of novel therapeutic targets remains a critical unmet medical need for this disease.
- The global market for PAH is expected to grow to over $3.5 billion by 2016.
- MicroRNAs (miRs) 424 and 503 are effective in human and animal models of PAH (see figure).
- miRs 424 and 503 may be the basis for effective therapeutics for PAH.

![Diagram showing Gene Expression and eNOS Protein by RT-qPCR and Western Blot in MCT and SuHx models](image)

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**Licensing Contact:** John Puziss
john.puziss@yale.edu