

Aston Medical School
Birmingham



*Where 'Big Pharma' fail to go,
we must prevail*

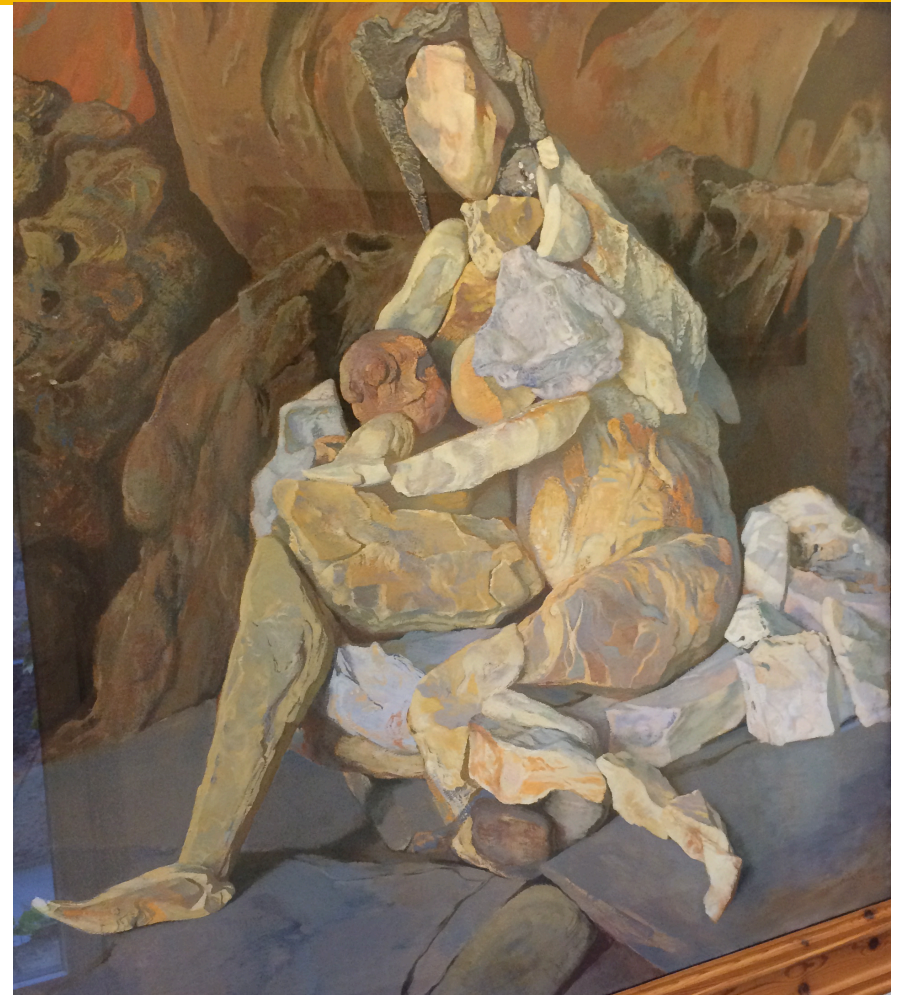


Professor Asif Ahmed
Pro-Vice-Chancellor Health

[@ProfAsifAhmed](https://twitter.com/ProfAsifAhmed)

Our ambition

- ▶ To become the best driver for healthier living through our ethos of inspiring care and breakthrough; taking molecules into man to market. **Make Every Mother And Child Count.**
- ▶ To promote social mobility through medical education in schools with the highest indices of deprivation. **Inspire Every School Child To Dream Big.**



What is needed for an idea to succeed?

- ▶ Clever concept
- ▶ Courage of conviction
- ▶ Critical friends
- ▶ Champions
- ▶ Collective imagination
- ▶ Collective cooperation
- ▶ Collective greater good



My most ardent critic!

You talk about
VEGF...but
what have you
actually done
Daddy?



Why no drugs available to prevent or treat...

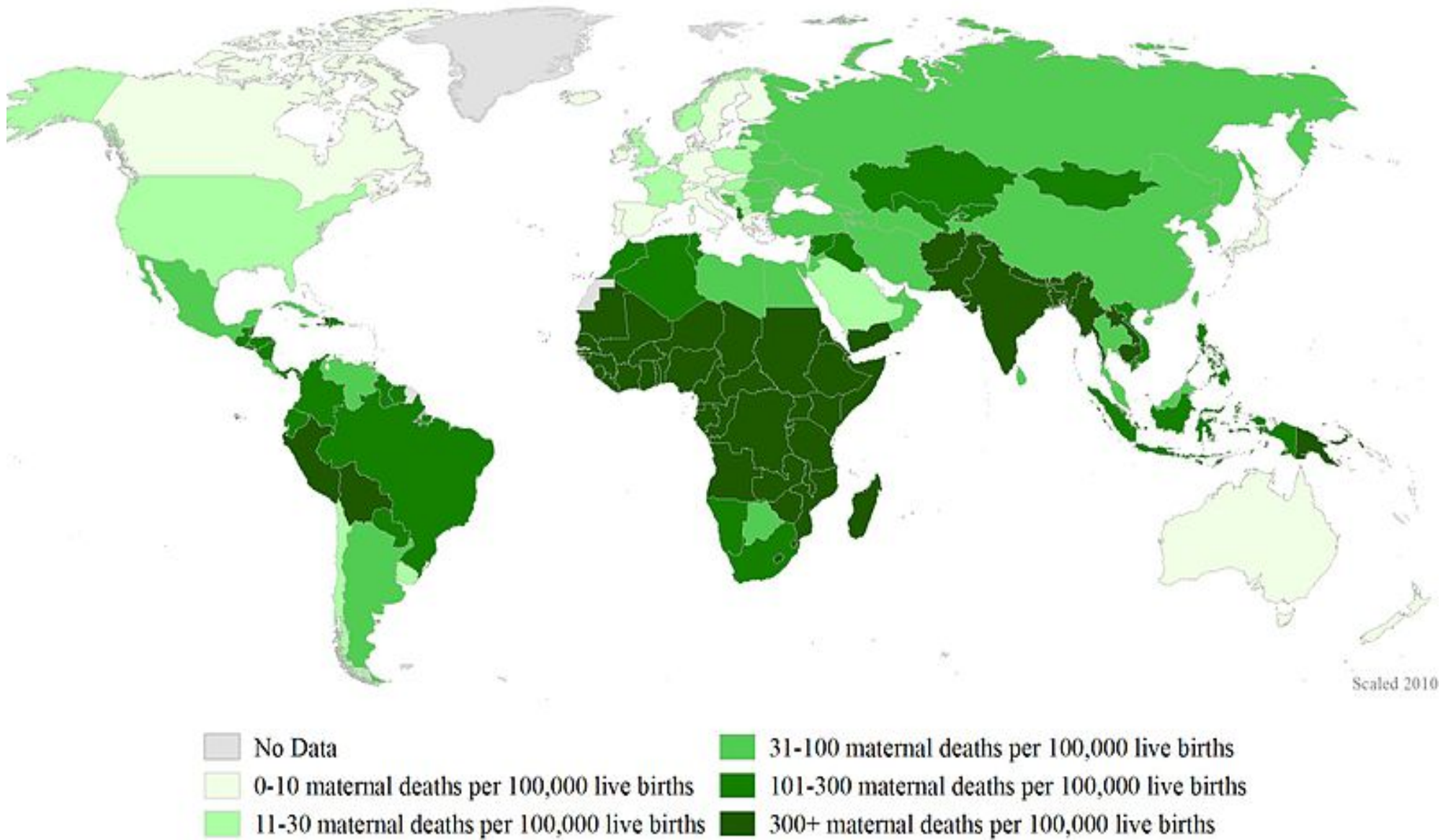


PREECLAMPSIA



For now, there's only one cure:
Delivery—whether baby is ready or not.

Maternal Mortality



No progress - preeclampsia is a “disease of theories”

Is dying to give birth an option?

1920s



Today



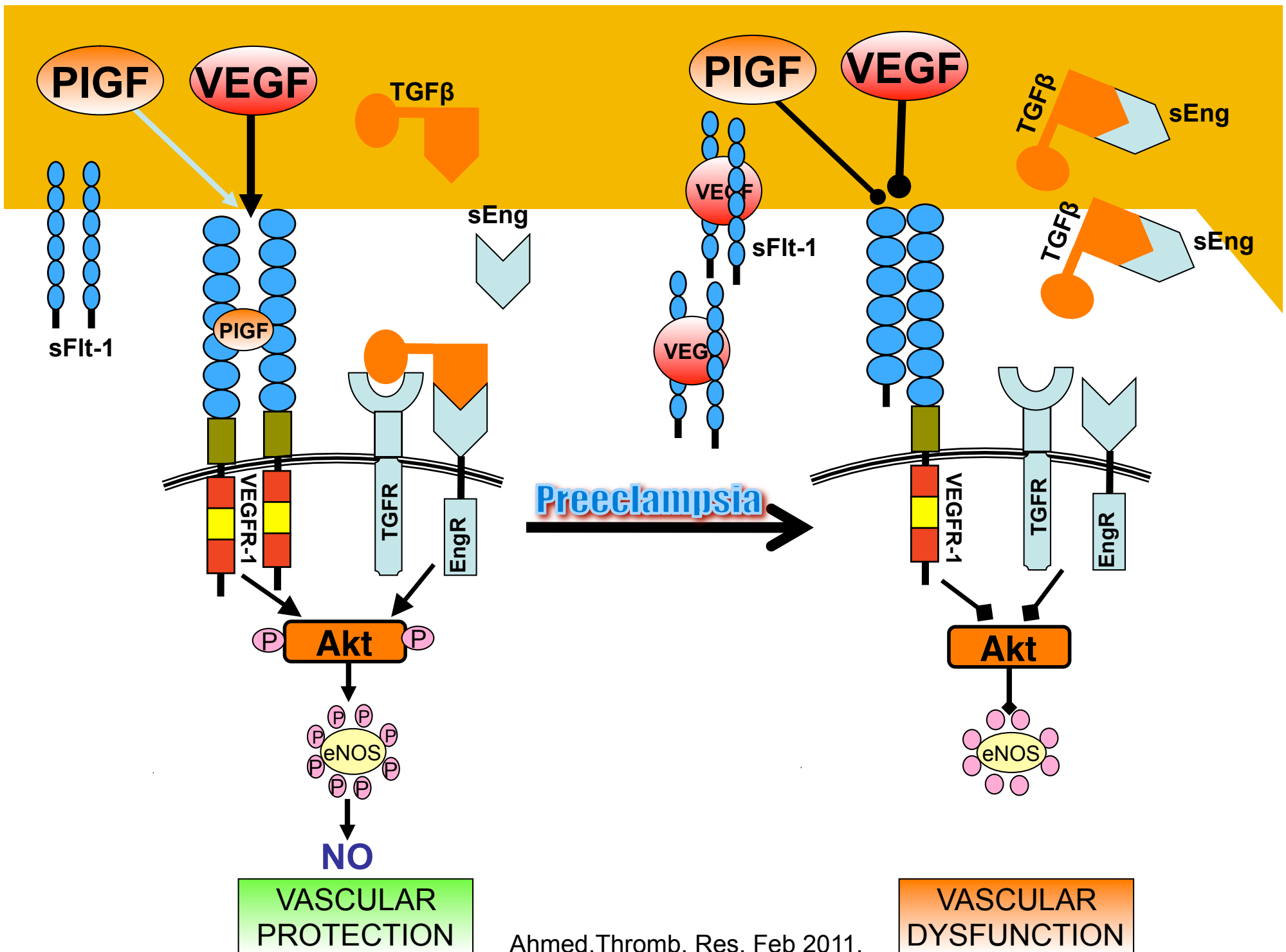
Pregnancy is like a car with an accelerator and brakes

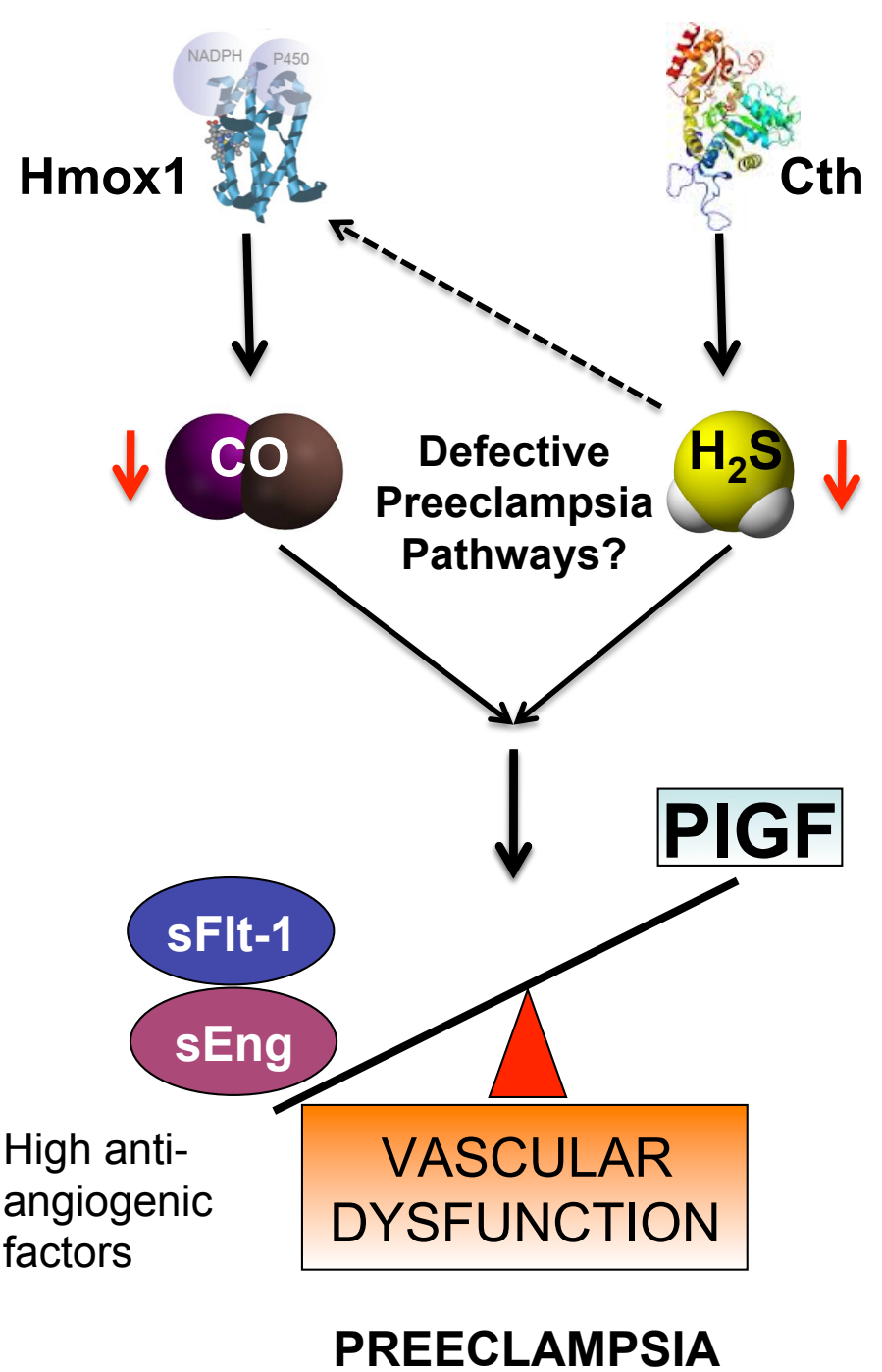
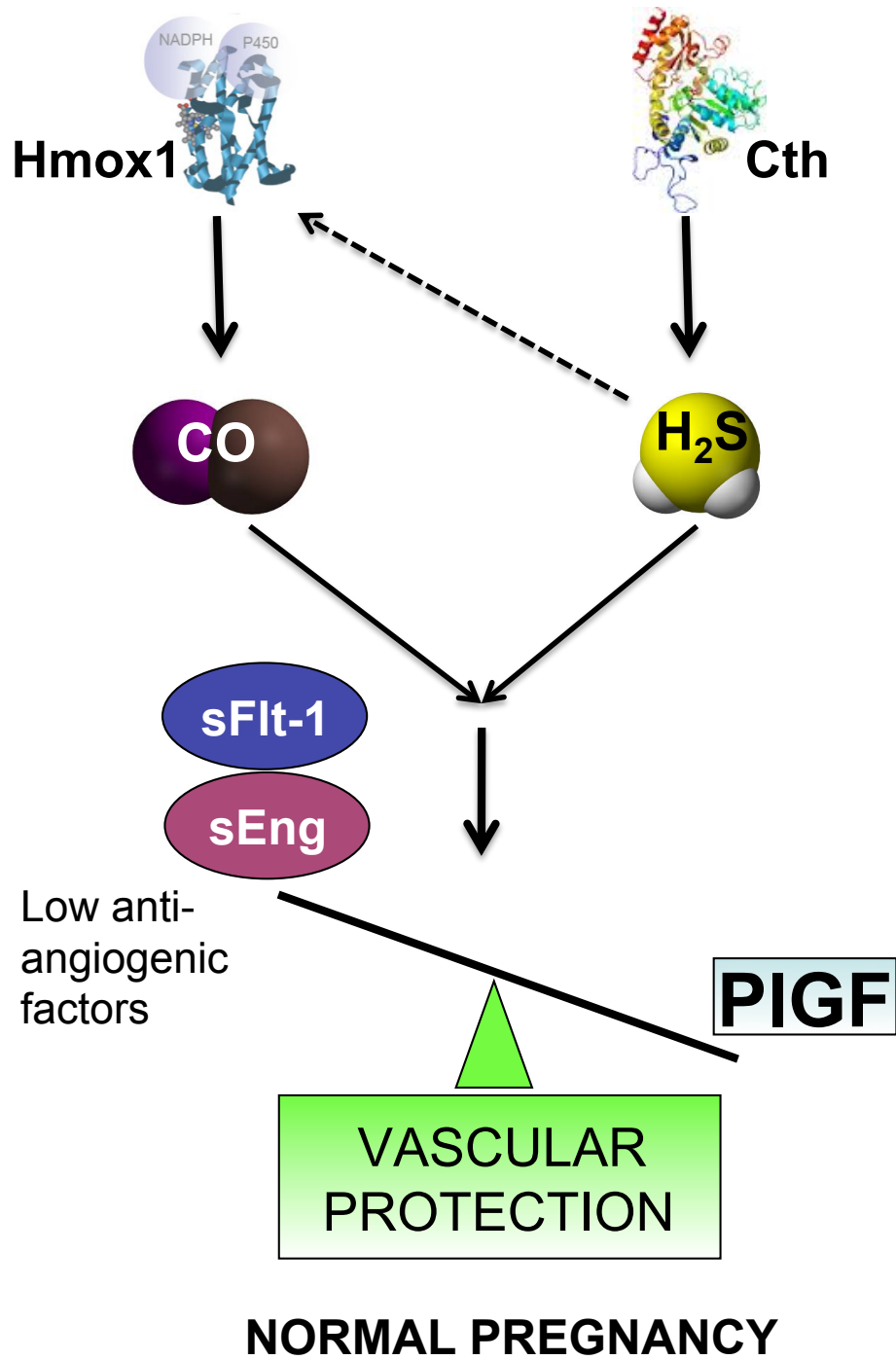


The New Beetle, by special delivery only.



If the brakes fail, system crashes, and the pregnancy ends up with pre-eclampsia.





Innovation

StAmP Trial

Therapy

PravaStatin
To
prevent
preeclampsia



UNIVERSITY OF
BIRMINGHAM





Aston Medical School



50 for 50 appeal

Fifty doctors for the
local community



An innovative funding model at a low cost to the public purse.

Aston University backs a public medical school in Birmingham with local NHS Trusts

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Birmingham and Solihull 
Mental Health NHS Foundation Trust

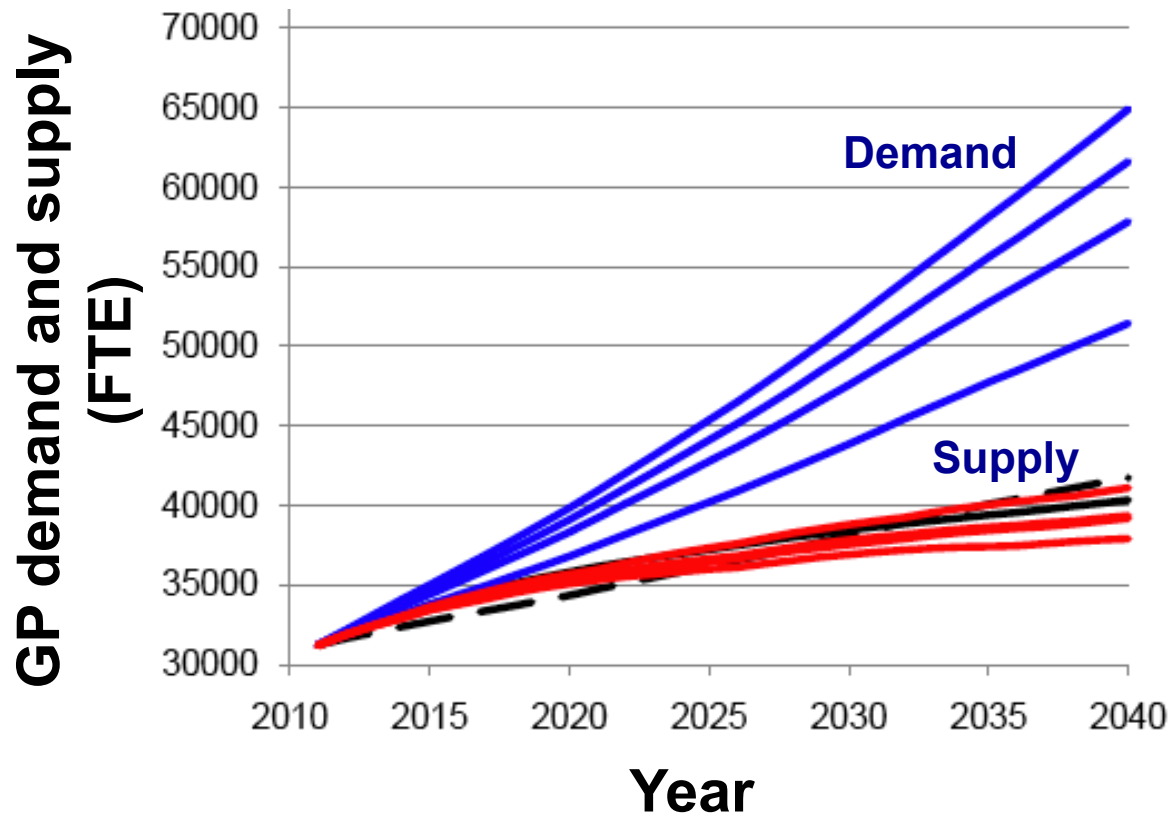
 HEART of
ENGLAND
NHS Foundation Trust

 vitality
Partnership

 healthcare
without boundaries

Sandwell and West Birmingham Hospitals 
NHS Trust

Demand for medical places from UK and overseas students is high and rising - demand for doctors will continue to rise...



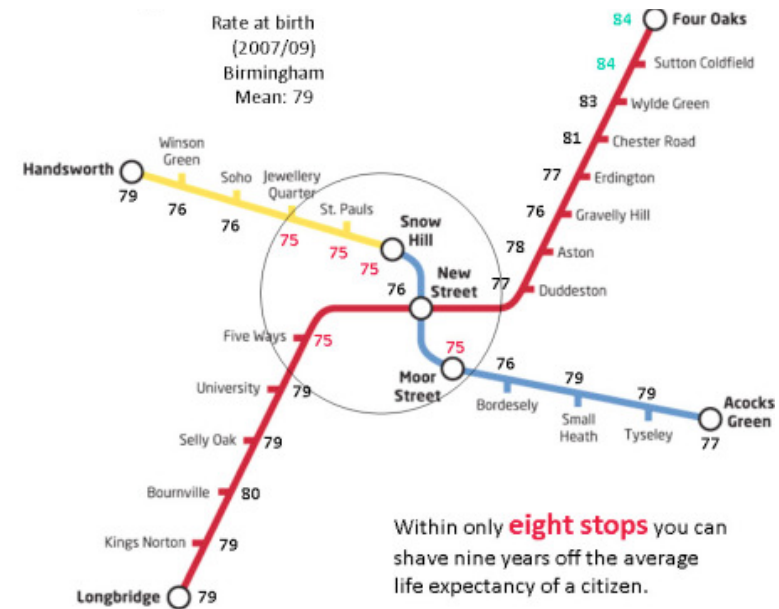
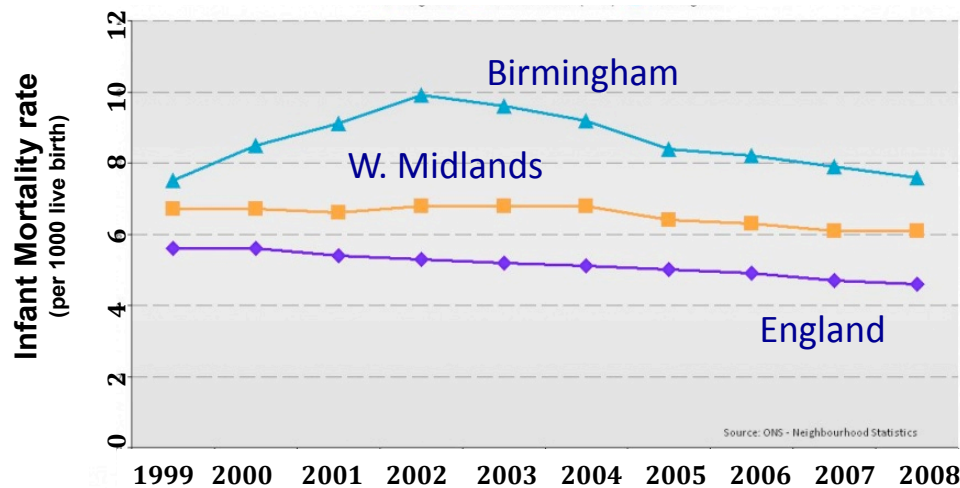
The Health and Education National Strategic Exchange (HENSE)

Review of Medical and Dental School Intakes in England

(A report commissioned jointly by the Department of Health and the Higher Education Funding Council for England)

We can train more UK doctors at low cost to the public purse by capturing the international market in medical education.

Over the last decade there has been little improvement in social mobility and health quality in Birmingham



Data source: Birmingham Electoral Ward Profiles (August 2011) Birmingham Public Health Information Team <http://bit.ly/phiswp0811>

We need local doctors for “hard to reach” communities.

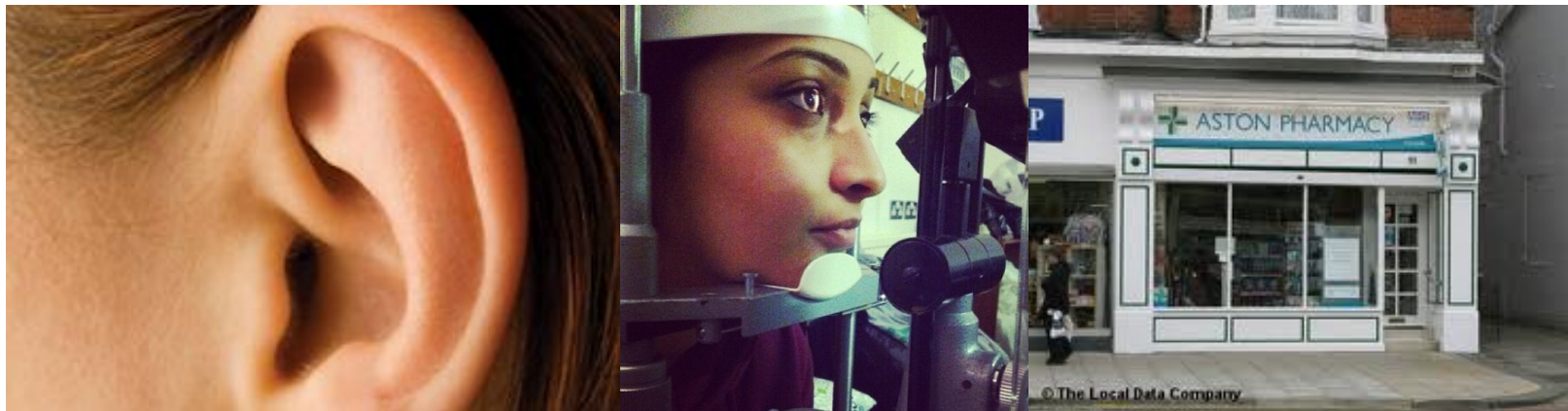
Aston Medical School- a public medical school- a win-win for all!

- ▶ **Low cost** to the public purse and **fund widening participation**.
- ▶ Students paying **international fees** to help subsidise **WM students for Medicine** at the cost of a funded science degree.
- ▶ **Train students** from the **hard-to-reach communities** as **doctors** who are likely to **serve their communities**.
- ▶ Giving all the students a **business acumen** (mini-MBA)

Aston is ranked 1st in the UK for subjects allied to medicine

- ▶ Audiology
- ▶ Biological Sciences
- ▶ Optometry
- ▶ Pharmacy

THE SUNDAY TIMES
UNIVERSITY GUIDE 2014



“No matter how great the talent or efforts, some things just take time. You can't produce a baby in one month by getting nine women pregnant.”

Warren Buffett

www.geckoandfly.com

