

Immunometabolism Research Interest Group – iMet



Dr Anna Schurich

Department of Infectious Diseases
anna.schurich@kcl.ac.uk

Metabolic regulation
of human therapeutic T cells



Dr Esperanza Perucha

Centre for Inflammation Biology and
Cancer Immunology
esperanza.perucha@kcl.ac.uk

Translational immunometabolism

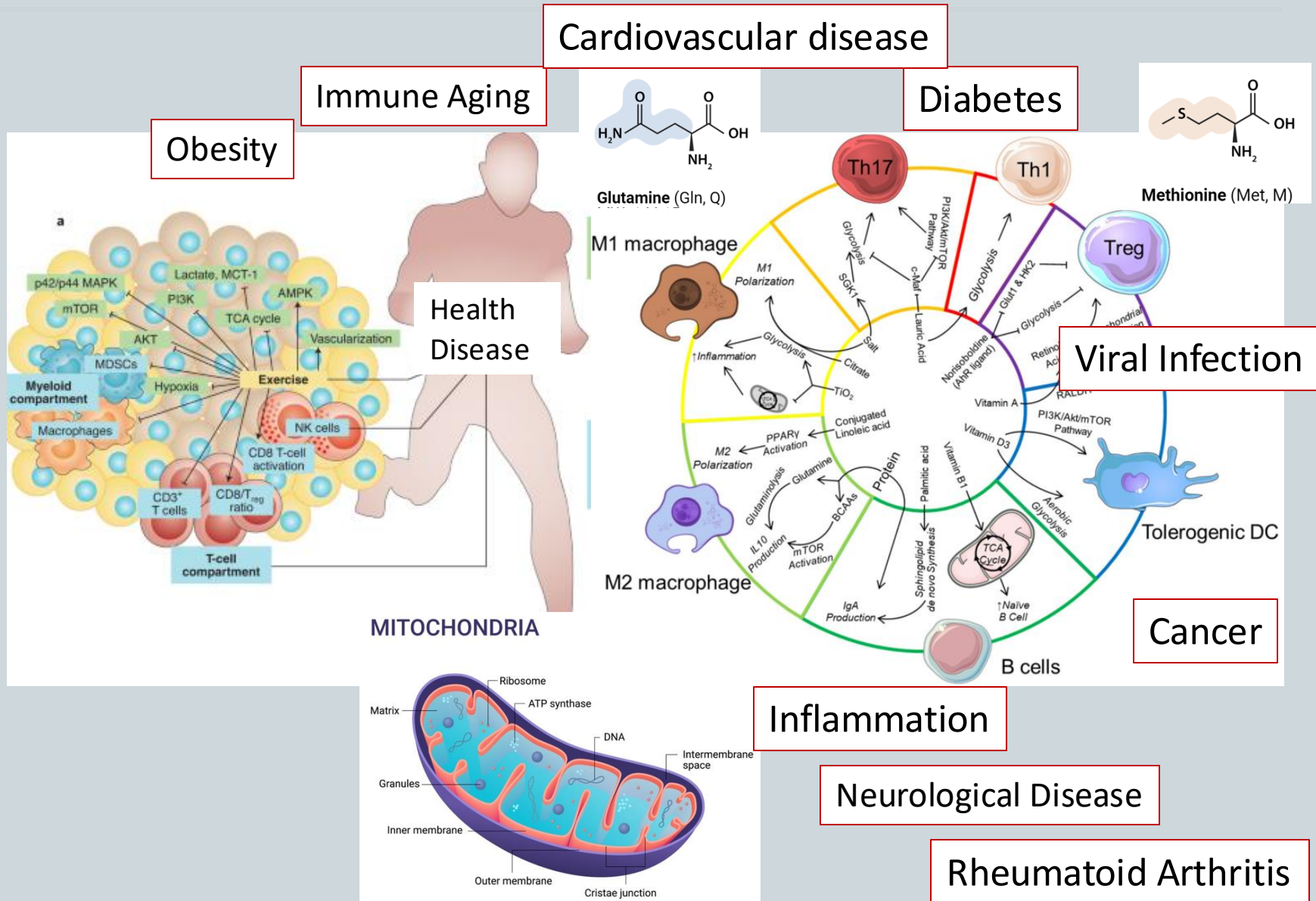


Dr Afshan Malik

Diabetes and Obesity Theme
afshan.malik@kcl.ac.uk

Mitochondrial
dysfunction in metabolic
disease

Immunometabolism in Health and Disease



Immunometabolism in Health and Disease

Metabolic pathways

Mitochondria

Lipid metabolism

Metallomics

Nutrition/ Systemic metabolism

Immunotherapies

Pharmacological intervention

Technical Advances/Diagnostics

Cardiovascular disease

Immune Aging

Obesity

Diabetes

Methionine (Met, M)

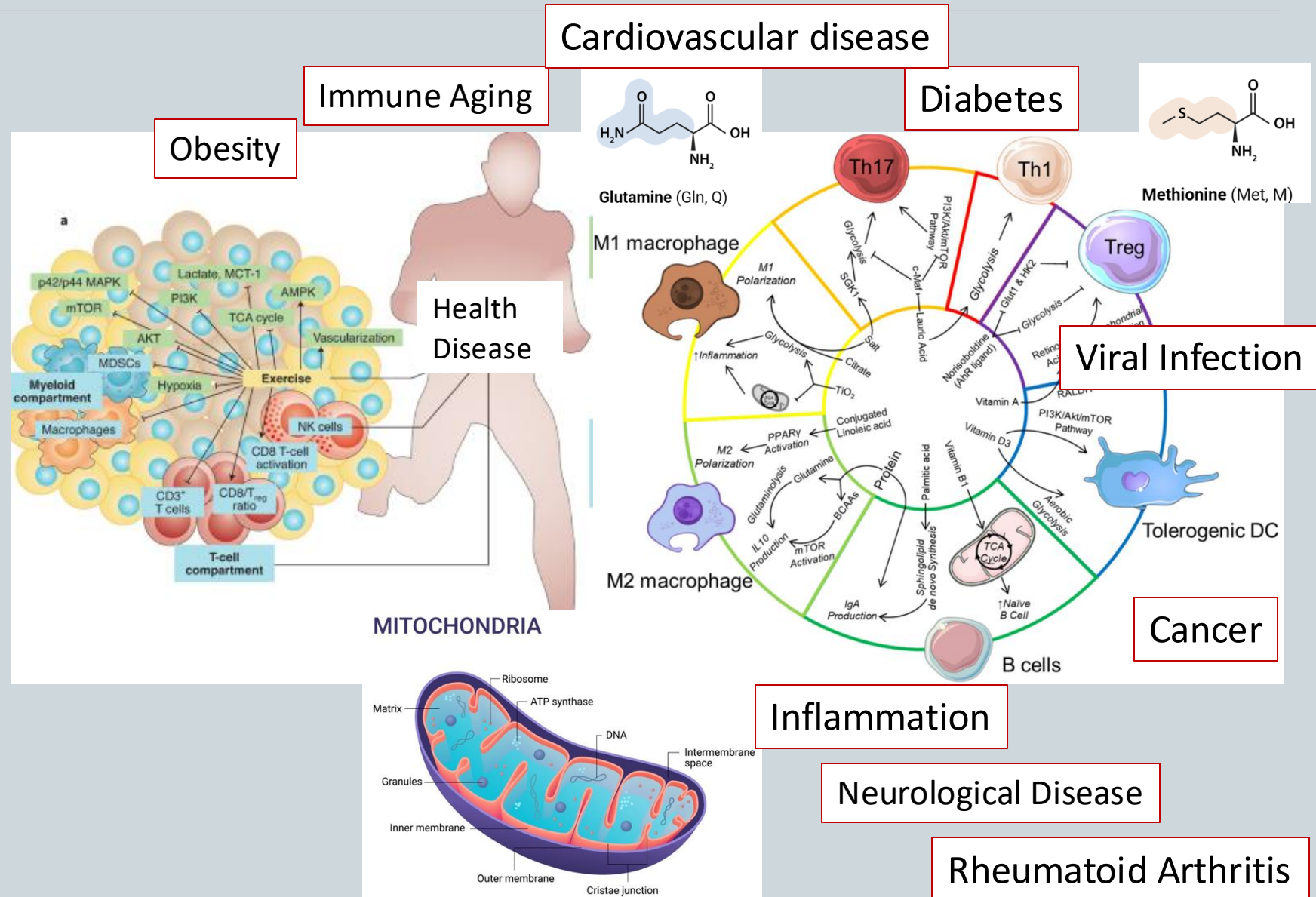
Viral Infection

Cancer

Inflammation

Neurological Disease

Rheumatoid Arthritis



Immunometabolism Research Interest Group – iMet

50 members (23 PIs + postdocs and student) from various Faculties: Life Sciences and Medicine (**FoLSM**); Research Management and Innovation Directorate (**RMID**); Dentistry, Oral and Craniofacial Sciences (**FoDOCS**); King's College Hospital (**KCH**) and **Leucid Bio**.

Meet every 1st Tuesday of the month (via Teams)

– please let us know if you/group member needs to be added!

How can we communicate with each other?

Via the i-Met [teams page](#)

The next 18 months

Continue **Monthly Meetings** (online)

- Short talks
- Highlights
- **Symposium** (in person – *End of March*)
 - Presentations from members
 - External speaker – Academic & Industry
 - Networking session
- **Masterclasses** with Experts
 - Centred around novel techniques
 - such as Metabolic flux, single cell metabolic study, carbon tracing, Metallomics

Today's programme

- 14:00 Coffee/Tea and meet and greet
- 14:20 Introduction from Leads
- Science Talks:
- 14:30 Lindsey Edwards
- 14:40 Bano Louca
- 14:50 Mark McPhail
- 15:00 Patricia Barral
- 15:10 Cooperative design of RIG Aims
- 16:15 Concluding remarks and wrap up
- 16:30 Close
- 16:45 onwards socialising at Britannia Pub

Thank you!