

NHS

SCOTLAND

NHS RESEARCH SCOTLAND



DELIVERING RESEARCH EXCELLENCE

www.nhsresearchscotland.org.uk



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NHS Research Scotland – Infectious Diseases

Stephen H. Gillespie
Sir James Black Professor of Medicine

NHS Research Scotland

- **Collaboration**
 - CSO
 - 14 NHS Boards in Scotland
- **Funding**
 - CSO and Scottish Enterprise
- **Function**
 - Co-ordinate R&D processes and systems



Improve Scotland's operational capability and effectiveness in delivering commercial research

Hub & Spoke Model

Four regional hubs

– NRS North (NHS Grampian)

- NRS Permissions CC

– NRS South West (NHS GG&C)

- IT systems lead (SReDA)

– NRS South East (NHS Lothian)

- Contracts
- National training

– NRS East (NHS Tayside)

- Governance



Regional arrangements deliver co-ordinated systems to facilitate clinical research

What could NRS do for you and your study?

- **Consistent approval times via NRS Permissions CC**
- **Single commercial price for Scotland**
- **Industry partnerships – Pfizer, PPD, Quintiles, Roche**
- **Infrastructure**
 - NRS Fellows – 74 fellowships awarded to date
 - Support services
- **Patient Recruitment**
 - Management systems to monitor recruitment
 - SHARE – patient database
- **Re-branding**
 - Website (www.nhsresearchscotland.org.uk)
- **Engagement with Industry**
 - NHS/Industry partnership forum

Enhance our offering

- **Fast, efficient & meaningful feasibility**
 - Robust capability assessment & tracking via NRS Permissions CC
 - Reduce burden
 - Benefits of multiple sites
 - Support and promote new sites
- **Reduced start-up times**
 - ‘Scotland first’
 - Enhance single pricing model
 - Reduce contract negotiation time
 - Accelerate study initiation
- **Deliver to target**
 - Network delivery structure
 - Active project management
 - Formalise action plans
 - Register of studies for public and GPs

Role of the Industry Liaison Manager

- **Partner account management**
- **Delivering rapid set-up:**
 - Monitor contracting/costing
 - FPI
- **Delivering on time and on target**
 - Monitor study progress
 - Suggest corrective actions
 - Escalate where required
- **Promote NRS**
 - Engage industry to increase and support business development in Scotland
 - NRS capability tool on NRS website

CURRENT BUSINESS IN SCOTLAND

NRS Commercial 'Order Book'

Node	2012/2013			2013/2014			Q1-Q2 2014/2015		
	Active	New	Value (£)	Active	New	Value (£)	Active	New	Value (£)
East	79	55	2,595,286	67	65	3,368,623	53	20	573,505
South East	130	57	3,012,152	131	69	3,074,031	95	27	1,941,753
North	77	26	1,818,211	45	42	3,484,599	58	15	1,199,050
West	302	137	6,857,483	306	152	8,496,281	201	70	3,211,670
National	588	275	14,283,132	549	328	18,423,534	407	132	6,925,978

Table includes information from all commercial studies placed in Scotland

Each study is included once per Health Board according to the year management approval was issued,
may be captured more than once per node

Actual income is linked to actual recruitment

National figure represents the sum of each column

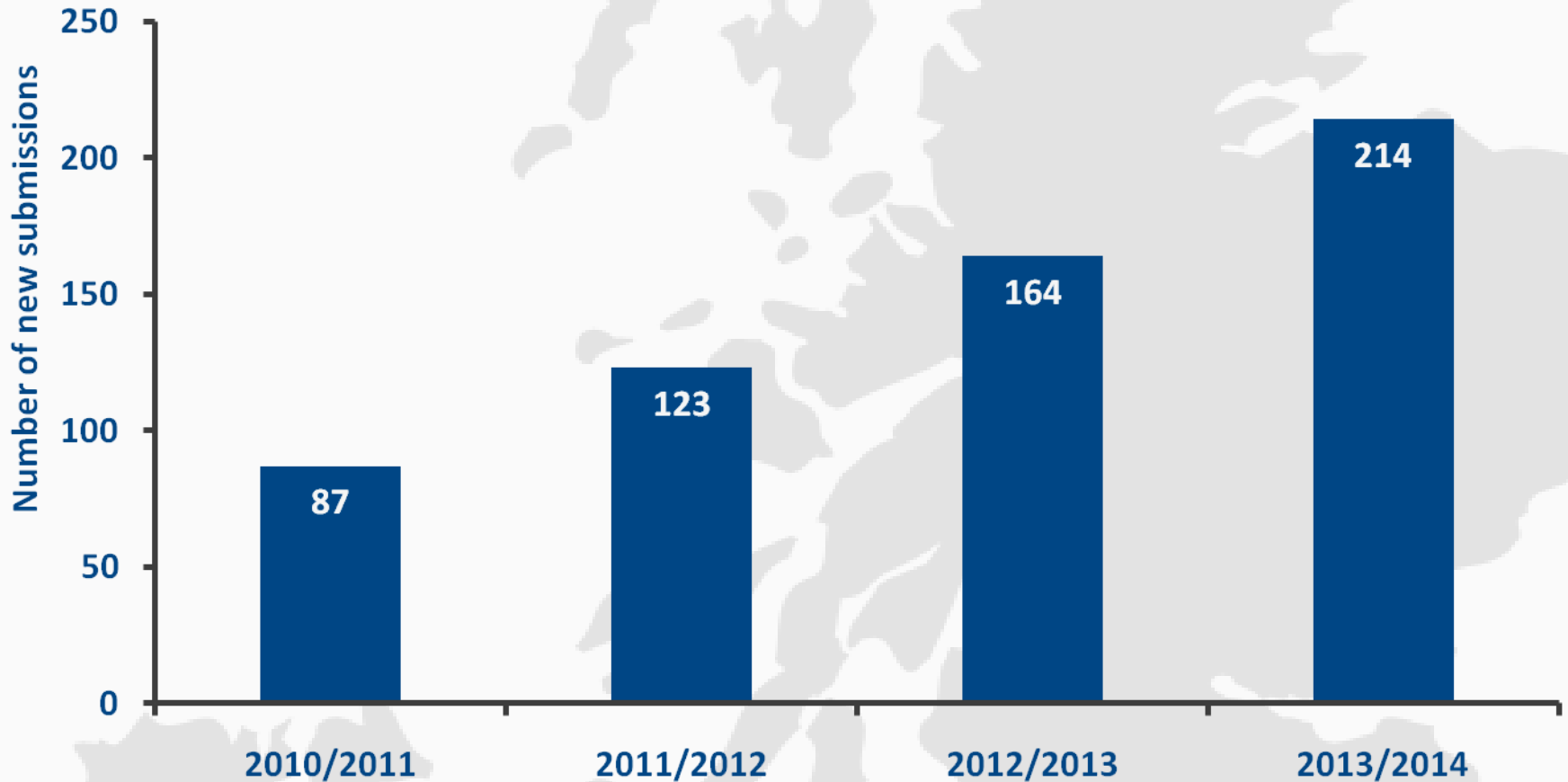
Active– Study actively recruiting patients at any point within the financial year

New – Study contracts agreed within the financial year

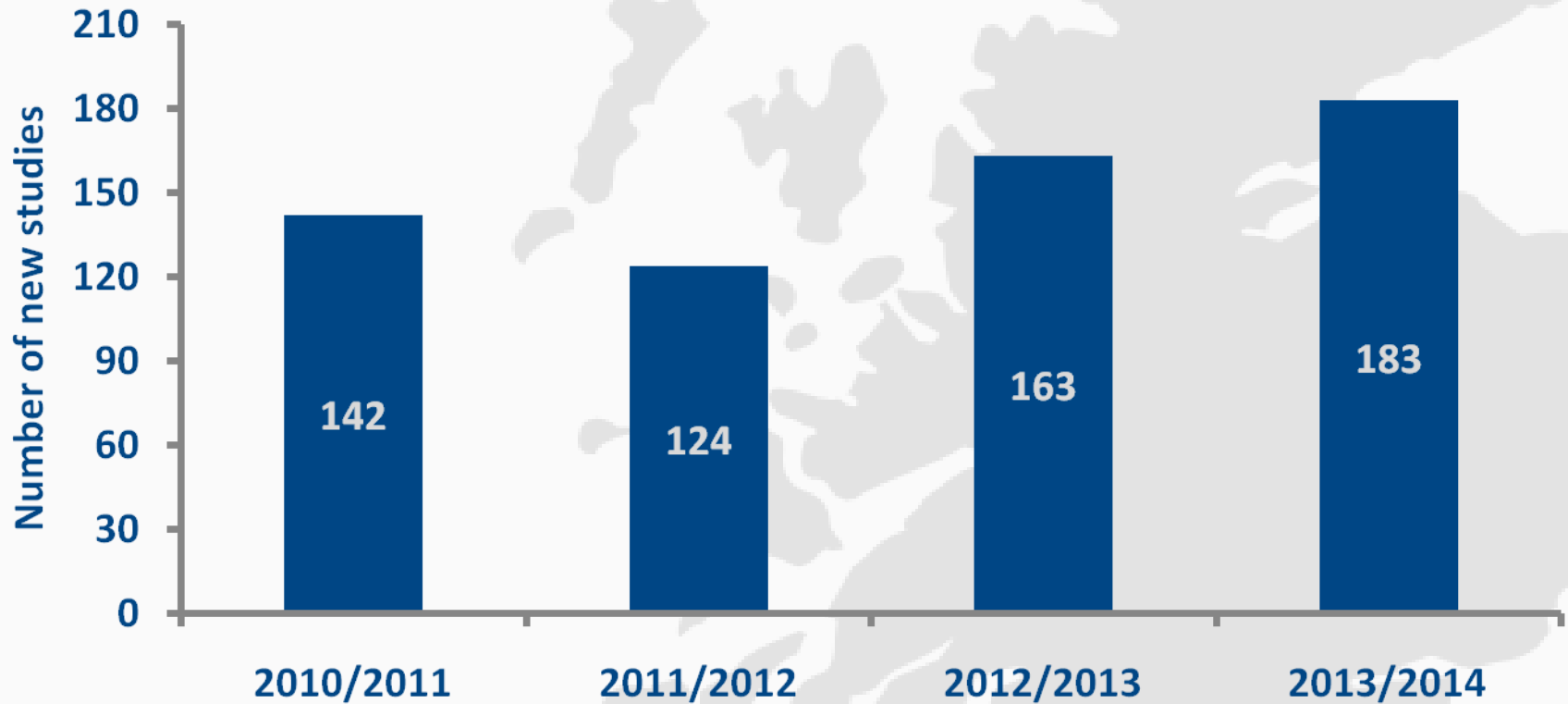
Value– Agreed payment if study recruits to target

NRS submissions (Commercial)

Actual

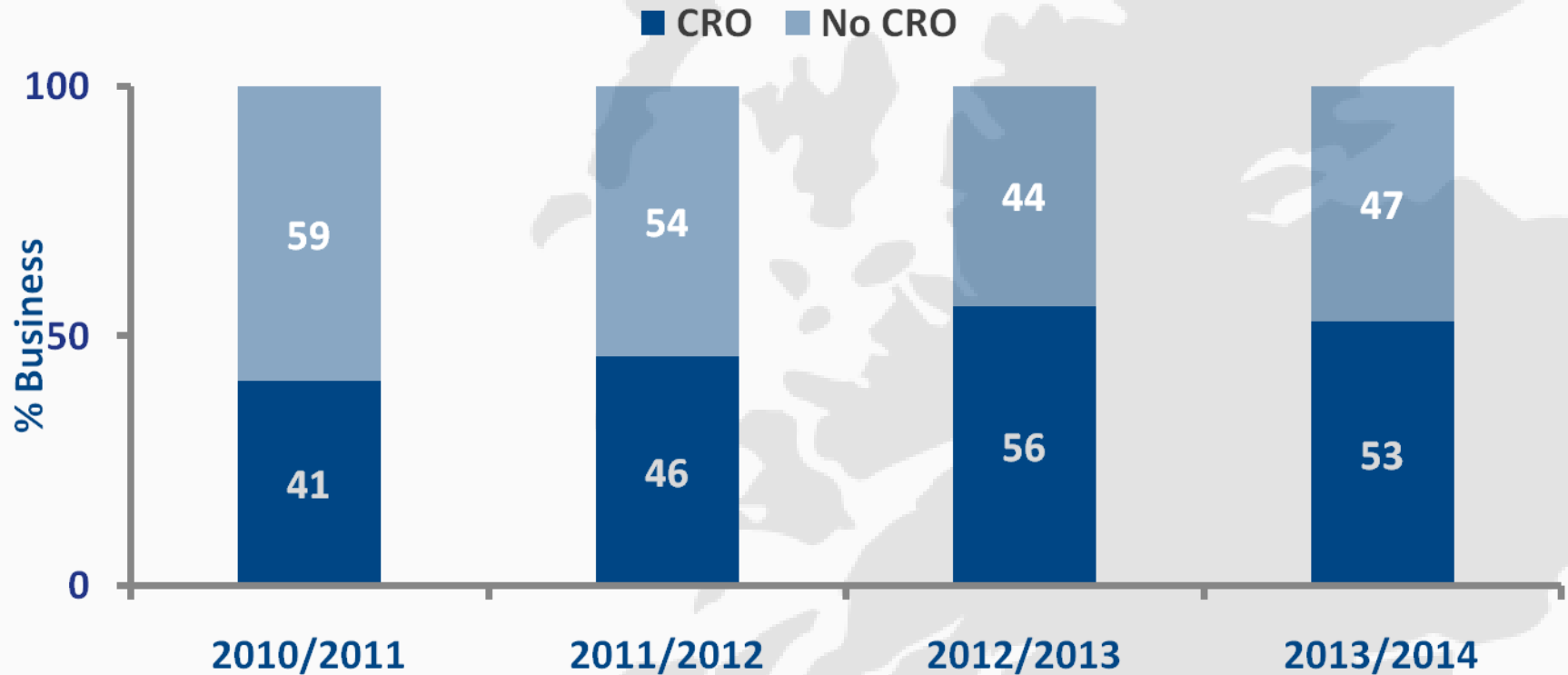


CTIMP Approvals



- Number of CTIMP studies awarded approval in each financial year

CRO / Direct



- Number of CTIMP studies awarded approval in each financial year

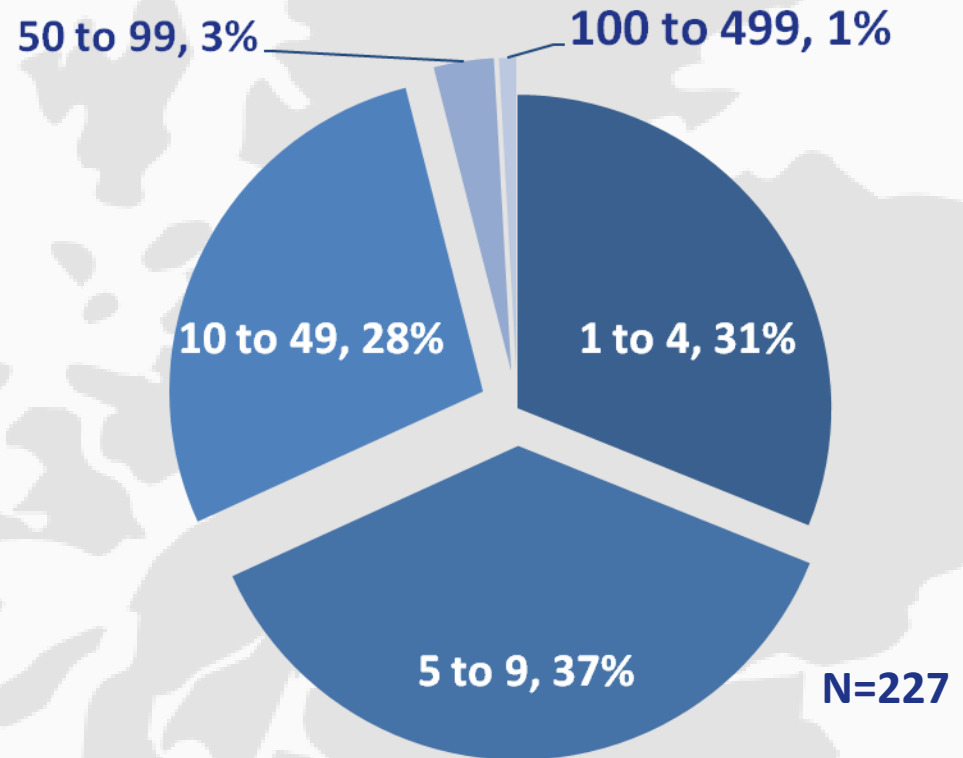
Changing study mix

	2011/2012	2012/2013	2013/2014
Closed studies	260	262	243
Combined target	4459	2887	2051

- Reduction in recruitment targets
- Smaller, targeted studies

Study targets

- Active commercial CTIMP studies
- Scotland targets for multicentre studies
- 1-9 patients: 68%



CTIMP – top 5 Therapy areas

2010/2011	2011/2012	2012/2013	2013/2014
Cancer 54 (38)	Cancer 58 (47)	Cancer 64 (39)	Cancer 60 (33)
Diabetes 16 (11)	Respiratory 11 (9)	Inflammation 14 (9)	Cardiovascular 24 (13)
[NOT SET] 14 (10)	Inflammation 9 (7)	Respiratory 12 (7)	Inflammation 12 (7)
Cardiovascular 14 (10)	Diabetes 8 (6)	Cardiovascular 10 (6)	Respiratory 12 (7)
Respiratory 7 (5)	Cardiovascular 5 (4)	Neurology 8 (5)	Infection 11 (6)

Capability portal


WELCOME TO NHS RESEARCH SCOTLAND SCOTTISH HEALTH RESEARCH REGISTER NRS PERMISSIONS CC

FIND SERVICES BY HEALTH BOARD

Click on an area within the map to find services by health board.

Select A Health Board

- North Node
- East Node
- South East Node
- West Node



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AREAS/HOSPITALS IN WEST NODE

Click on an area in the map to find services available in this node.
Send us some feedback

- Ayrshire & Arran
- Dumfries & Galloway
- Greater Glasgow & Clyde
- Lanarkshire
- National Waiting Times Centre



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GREATER GLASGOW & CLYDE HEALTH BOARD

Click on one of the links below to find out more about the health board

- Health Board Information
- Board Information
- Capability
- Clinical Research Facilities
- Imaging Capabilities
- Research Pharmacy Capabilities
- Lab Certificates and Reference Ranges



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<http://www.nhsresearchscotland.org.uk/index2.php>

RECRUITMENT & DELIVERY

Study delivery

- **Recruitment is #1 priority**
 - **Delivering rapid set-up**
 - **Maximise recruitment window**
 - **Active study monitoring / planning**
 - **React to challenges of competitive recruitment**
 - **Head start**
 - **Revised NRS infrastructure with delivery focus**
 - **Informatics**
 - **Public engagement**

SHARE

- **Scottish HeAlth REsearch register**
- **People interested in participation in research**
- **CHI linked – targeted patient recruitment**
- **Annonymised data research**



www.registerforshare.org

Role of the Clinical Lead

- To ensure effective delivery of research projects within the specialty
- Increase the number of patients enrolled in clinical trials
- Work with established groups, individual clinicians and NRS R&D Directors
- Facilitate delivery of high quality research
- Encourage more to engage in clinical research

How will this be done?

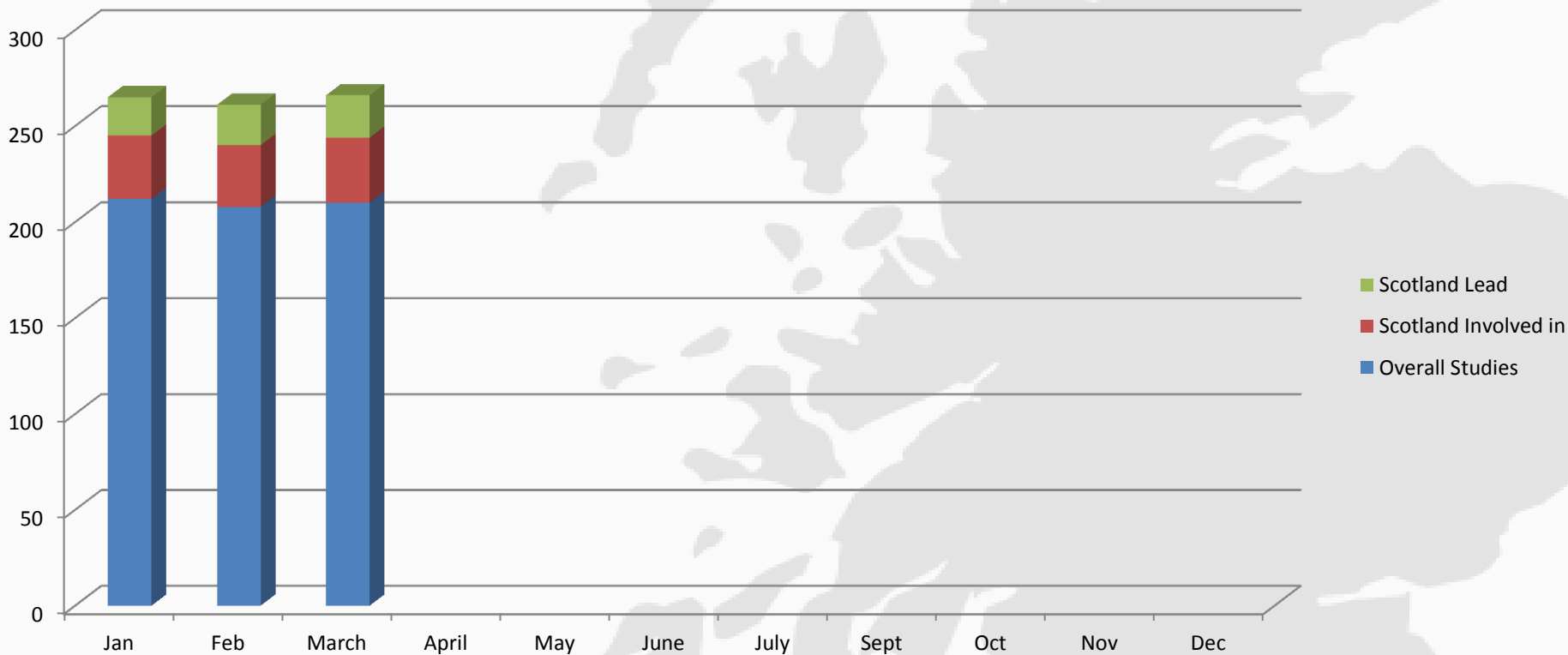
- Promote NRS to Pharma and diagnostics industry
- Promote local engagement and awareness of research within the specialty
- Provide advice, mentorship and encouragement to those who want to become involved in high quality clinical research
- Ensure timely delivery of studies within the Scottish portfolio
- Represent Scotland at national meetings e.g., NIHR Specialty group meeting

Experience brought to bear

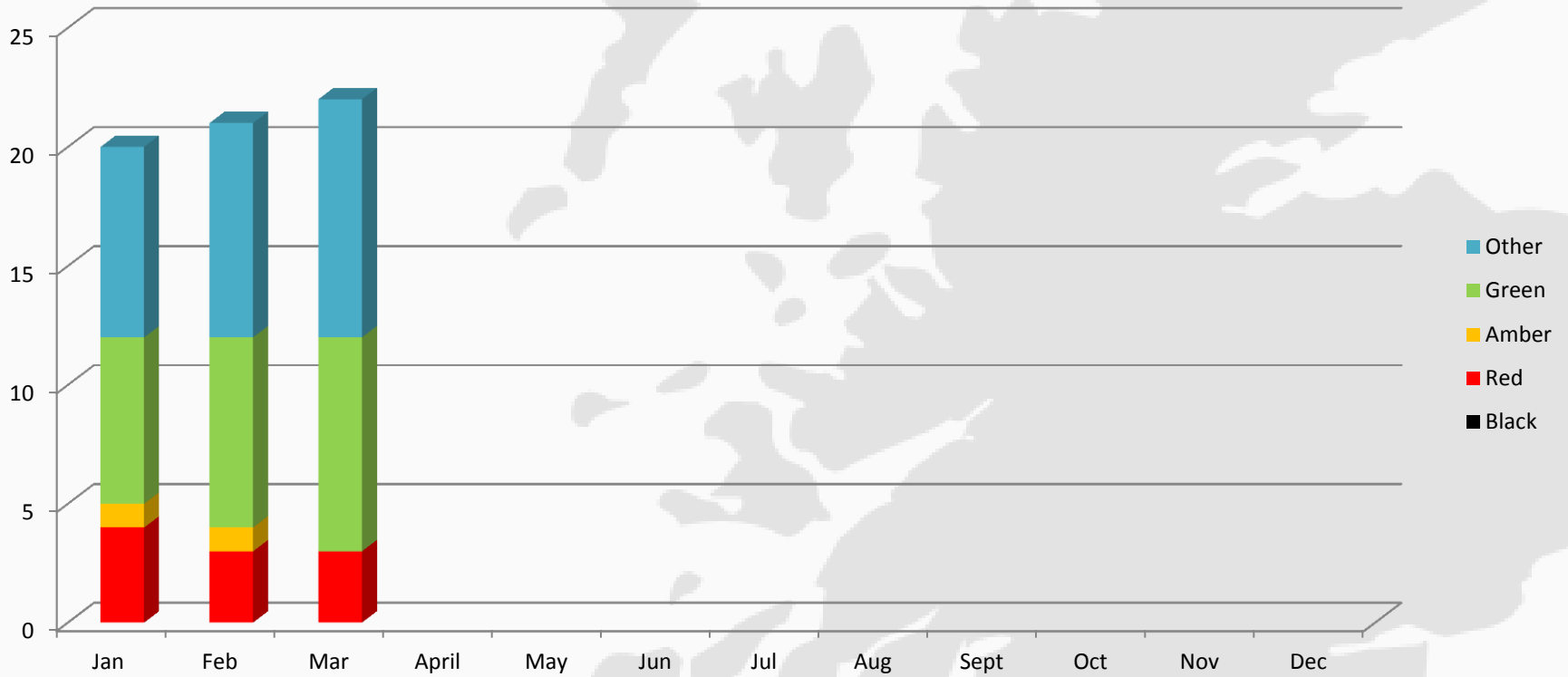
- Training in Medical Microbiology and Clinical Tropical Medicine (LSHTM and HTD)
- Consultant Medical Microbiologist at Royal Free Hospital
- Clinician Scientist at RFHSM, UCL and University of St Andrews
- Development and trials of novel diagnostics
- Coordinating investigator for clinical trials in tuberculosis, anti-malarials, anti-bacterials
- Extensive experience of ethical review, and the regulatory framework necessary to deliver novel drugs to market

Aims

- One session per week
- Provide advice and support for trials
- Visits to the major centres – maybe more if invited
- A news letter of grant opportunities
- Establish special interest groups
- Respond to the needs and advice of the community
- Reach out to contacts in diagnostics and Pharma



Number of Studies Scottish NHS is involved in within the Infection area



Status of Studies in Scotland



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