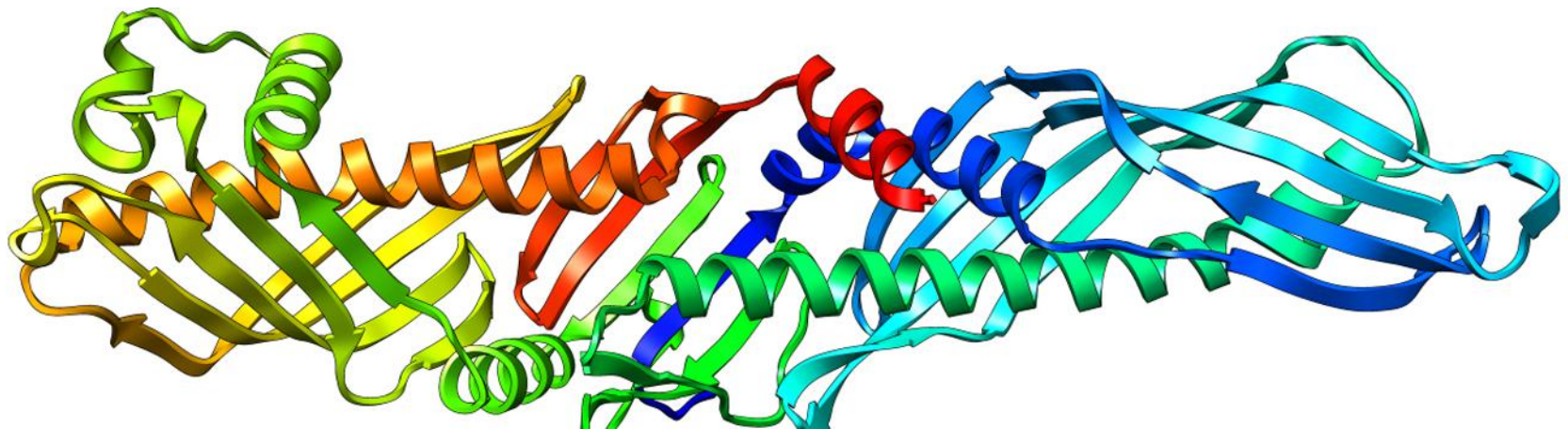

Creating a lively R Community

BaselR meeting 2015-07-16

Reinhold Koch



is trickling in



- Young statisticians hired
- Other scientists,
who have attended a recent data analysis course
- from any organization within the company
- Programmers interested in graphics or web applications

First response:

technical setup

- Rstudio pro server
 - with access to clinical data
 - Low entry barrier to try it out
 - Free to experiment with almost any R package
- Shiny pro server
 - Leveraging growing interest in interactive web-based reporting
- R package server
- And access to High Performance Clusters?
- Access to databases, Hadoop?
- Reproducibility? Validation? ...

Build up R community and *leverage* community



- Business value can be generated in many places
- Users are willing to help each other
- R users can be wide-spread in the company
- R thrives on easy access and feedback
-> as on the internet, we need good collaboration facilities

Enabling R community

- Meetings per group & site
- “facebook”
- Wiki
- Web based teleconferences
- External meetings



Collaboration enhancers



- R package server
- Accessible package sources
-> modern source code management system
- Code snippets?
- “facebook” for discussion and news

Documentation and Training

- Description of R environment(s) including users' PCs
- Training
 - R
 - Package writing
 - Web app writing
 - External collaboration
 - with partner companies
 - Consortia
 - Internet community



Mindset



- Social networking around R is important
- Further code sharing, also outside the company
- Remain open for unexpected ideas from many sides

Doing now what patients need next