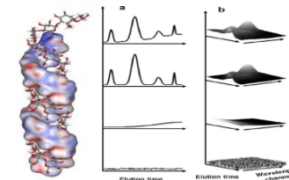


Q&T publish TWO papers in CHEMICAL REVIEWS (Impact Factor is 36 compared to Nature: 34)!

“ChroMATHography: Solving Chromatographic Issues with Mathematical Models and Intuitive Graphics”
by **Amigo, Skov and Bro**

“First Principles Insight into the α -Glucan Structures of Starch: Their Synthesis, Conformation, and Hydration” by Damager, **Engelsen**, Blennow, Møller and Motawia



Q&T in charge of TWO faculty ELITE RESEARCH AREAS

Chemometrics, biostatistics and multivariate dataanalysis (Rasmus Bro)

Metabolomics and bioactive substances (Søren Balling Engelsen)

Q&T's got TWO CHANCES:

Q&T (Rasmus Bro) in charge of a new faculty strategic research center called CHANCE (CHemometric ANalysis Centre)

Q&T (Søren Balling Engelsen) in charge of a workpackage in a FP7 project called CHANCE (*Low Cost technologies and traditional ingredients for the production of Affordable, Nutritionally correct, Convenient foods enhancing hEalth in population groups at risk of poverty*)



Q&T had TWO PhD defenses in 2010:

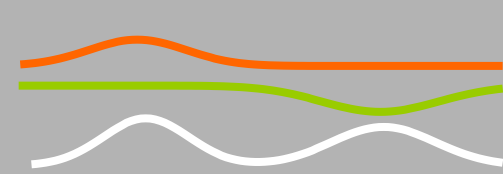
PhD defense by **Christian Bøge Lyndgaard** (Dec 2010) “*Optimization of Dairy Processes*” (supervisors *Frans van den Berg and Søren Balling Engelsen*)

PhD defense by **Magareth Owusu** (Dec 2010) “*Influence of raw material and processing on aroma in chocolate*” (supervisor *Mikael Agerlin Petersen*)

BRAIN FOR A NIGHT - Signe Hoff awarded “Brain for a Night” for a presentation of her MSc work

INDUSTRY: Former Q&T scientist Lars Nørgaard becomes the leader of the chemometrics team at FOSS!





Q&T participation in the new SPIR platform called inSPIRE:

Q&T (Søren Balling Engelsen) leader of Pillar 2: PAT – Process Analytical Technology and main participant in three projects:

1. **FT-IR solutions** (Project leader: Grith Mortensen, AAU), Q&T (Thomas Skov)
2. **Process Water** (Project Leader: Frans van den Berg, KU), Q&T (Christian Bøge Lyndgaard)
3. **MicroPAT** (Project leader: Søren Balling Engelsen), Q&T: (2 PhD + Post.Doc)

Q&T molecular modelling sponsored by the Carlsberg foundation:

Q&T (Peter Ibsen Hansen) post doc for modelling the fundamental double helical structure in amylopectin

Q&T sponsored by the advanced technology foundation:

In collaboration with the company CAROMETEC A/S (Klavs M. Sørensen) Q&T (Søren Balling Engelsen) are to develop an instrument that ultimately eliminates the need for mandatory castration of male piglets (2.5 mio DKr)

