The Experiment

Blede Experimente or Stupid Experiments?

Rolf et al.

TKF
(The Kitchen Faculty)
University of Villa Plemlij

Bleder gehts net, Slovenia
19^{th} February 2009

ncRNAs – a prominent example

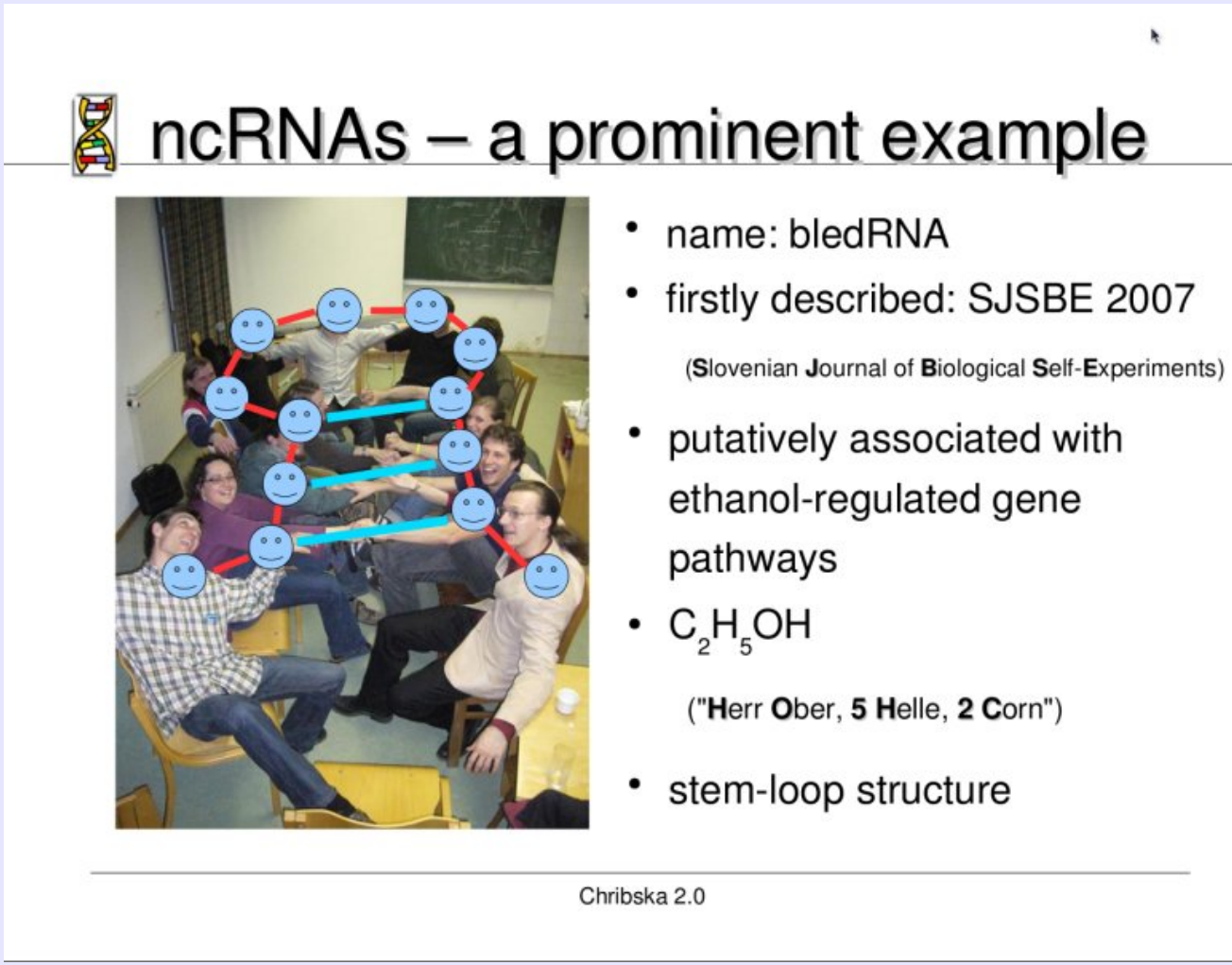
- name: bledRNA
- firstly described: SJSBE 2007

  (**S**lovenian **J**ournal of **B**iological **S**elf-**E**xperiments)
- putatively associated with ethanol-regulated gene pathways
- C_2H_5OH

  ("**H**err **O**ber, **5** **H**elle, **2** **C**orn")

Chribska 2.0

Slides taken from Rose D., Chribska2.0, 2007



Slides taken from Rose D., Chribska2.0, 2007

Who is Rolf?

Who is Rolf?

Who is Rolf?

Preparing the famous 'Apfelstrudel'

Who is Rolf?

Preparing the famous 'Apfelstrudel'

Who is et al?

Who is et. al?

et al from left to right: Sebastian, Mathias, Anke, Steffen
(the Hauptmann is missing, reading or whatever)

What happened previously in TKF?

The Origin

- The final exam is over
- S. Wirth is serving a round of champagne
- ...

What is this?

Program of the 24th TBI Wintersemimar in Bled 2009

So	2100	Prohaska, Sonja		The Chromatin Story.
Mo	1	Honer, Christian		Notes on RNA Folding Recurrences.
	1	Lorenz, Ronny		Finding Non-direct RNA refolding paths (in silico).
	1	Fasoli, Mario		Models in Microarray Data Analysis: Sequence Effects and RNA Degradation.
	1	Wintsche, Alex		RNA binding Proteins.
	2	Giegerich, Robert		Classified Dynamic Programming and Variants.
	2	Kiemin, Konstantin		Tuning and stability of cellular automata.
Di	1	Bohlmann, Gunnar		Cell cycle networks and their neutral mutants.
	1	Riester, Markus		FRANz: Reconstruction of wild multi-generation pedigrees.
	1	Kelbe-Schmidt, Stephanie		Statistics of phylogenetic tree structures.
	1	Richter-Andreas		IntaRNA (intersections of RNA)
	2	Stadler, Peter		Delayed Selection.
	2	Kraß, Veiko		Occurrence and Distribution of Methylated Cytosine in Insects.
Mi	1	Dilmilat, Yasif		Bdock intro demo.
	1	Kehr, Stephanie		Snoopies.
	1	Möll, Mathias		Lifting prediction to alignment of RNA pseudoknots.
	1	Wirth, Henry		Metabolomics Statistic Introduction.
	2	Flamm, Christoph		RNA kinetics on varying energy landscapes.
	2	Hoffmann, Steve		Segmöbl.
Do	1	Horvat, Boris		Dilation coefficients of complete graphs.
	1	Orbanić, Alen		Present the 1st Volume of Ars Mathematica Contemporanea.
	1	Leydold, Josef		Geometric nodal domains and trees with minimal algebraic connectivity.
	1	Ostermeier, Phillip-Jens		Robust cycle bases
	2	Lu, James		Inverse methods in Systems Biology.
	2	Leydold, Josef		Numeric Inversion.
Fr	1	Langenberger, David		Into the Deep: microRNA Detection using Next-Generation Sequencing Data.
	1	Tanzer, Andrea		MicroRNA Evolution.
	1	Lozada, Irma		The evolution of gene regulatory networks.
	1	Heyne, Steffen		ExpaRNA (local structural pattern matching of RNA).
	2	Menzel, Peter		t.b.a.
	2	Zimmermann, Robert		Artifacts of RNA Sequences Under SELEX Selection Constraints.
	2	Wahjed, Stefan		Literature management with Perl und Emacs.
Sa	1	Sauer, Sebastian		t.b.a.
	1	Gruber, Andreas		t.b.a.
	1	Findeiß, Sven		Yellow Sticks listens to Jazz.
	1	Otto, Christian		Reduction of search space for sequence and structure alignments.
	1	Rose, Dominic		Conserved Introns Reveal Novel Transcripts in Drosophila melanogas.

Test 12:104 16.2.09
Zettel weiß
weg gucken

Mayja, Sven, Axel, Sonja (Wind)

Analogous calculation (Take a Pencil and a Paper)

Digital calculations (Write a Simulation program[1])

[1] done previously by Rolf's et al

Conceptual Formulation

1. Is pear juice containing twinkle stars?

Conceptual Formulation

1. **Is pear juice containing twinkle stars?**
   (Or: How to proof Rolf is wrong?)

Conceptual Formulation

1. **Is pear juice containing twinkle stars?**
   (Or: How to proof Rolf is wrong?)

2. **Did the stars come from another galaxy?**

Conceptual Formulation

1. **Is pear juice containing twinkle stars?**
   (Or: How to proof Rolf is wrong?)

2. **Did the stars come from another galaxy?**
   (Or: Can we find another solution with this effect?)

Materials

Materials

The Source of Tragedy:

Materials

The Source of Tragedy:
Pear Juice

Materials

The Source of Tragedy:
Pear Juice

Something what is never missed in any experiment:

Materials

The Source of Tragedy:
Pear Juice

Something what is never missed in any experiment:
Wine or Beer

Materials

Materials

Sugar

Materials

Sugar
Water

Materials

Sugar
Water
Glas

Materials

Sugar
Water
Glas
One Sheet of Paper

Materials

Sugar
Water
Glas
One Sheet of Paper
Pencil

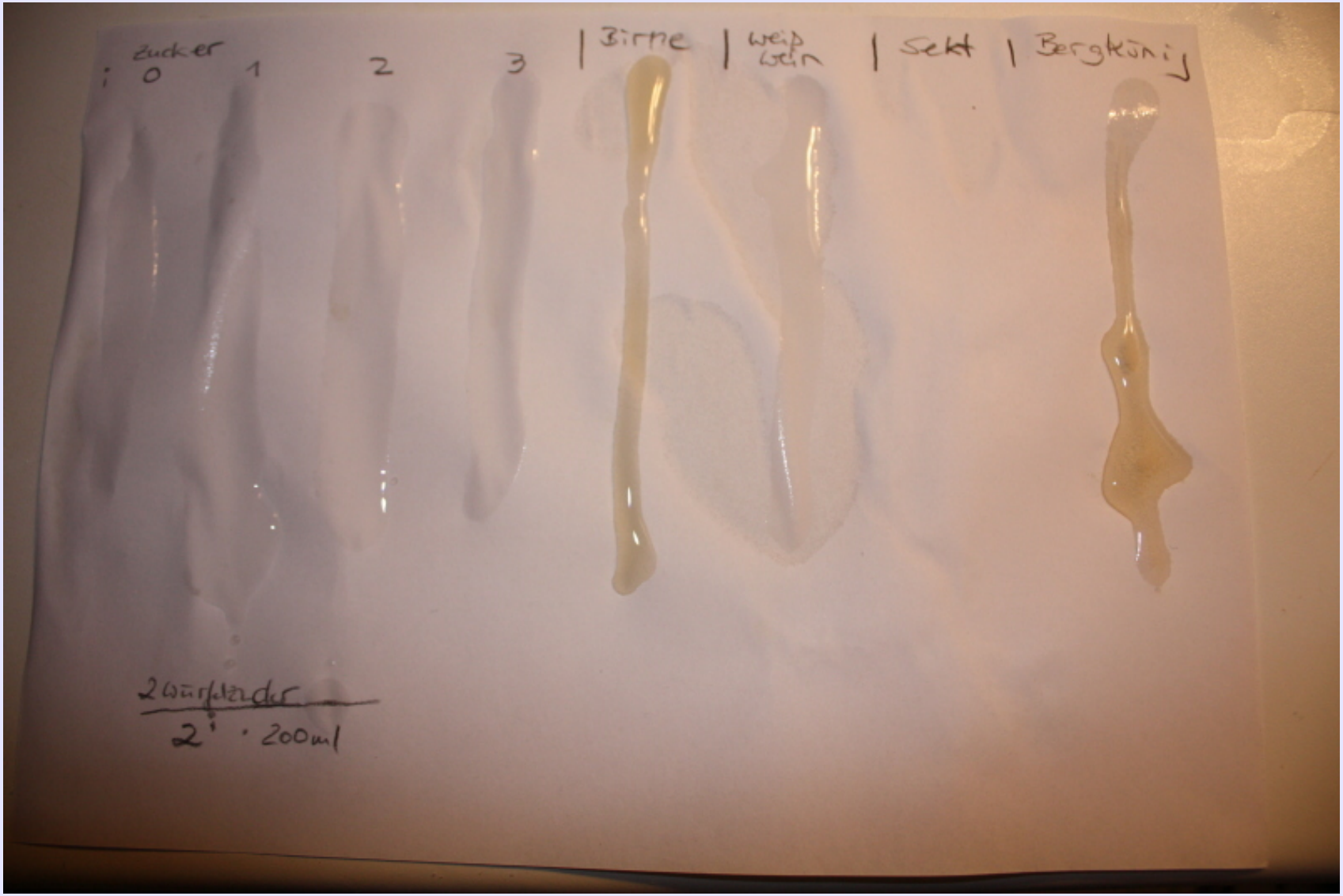
Materials

Methods

(Here to write some formular)

$$\frac{2\ cubes\ of\ sugar}{200ml \cdot 2^i}, \qquad i = 0..3$$

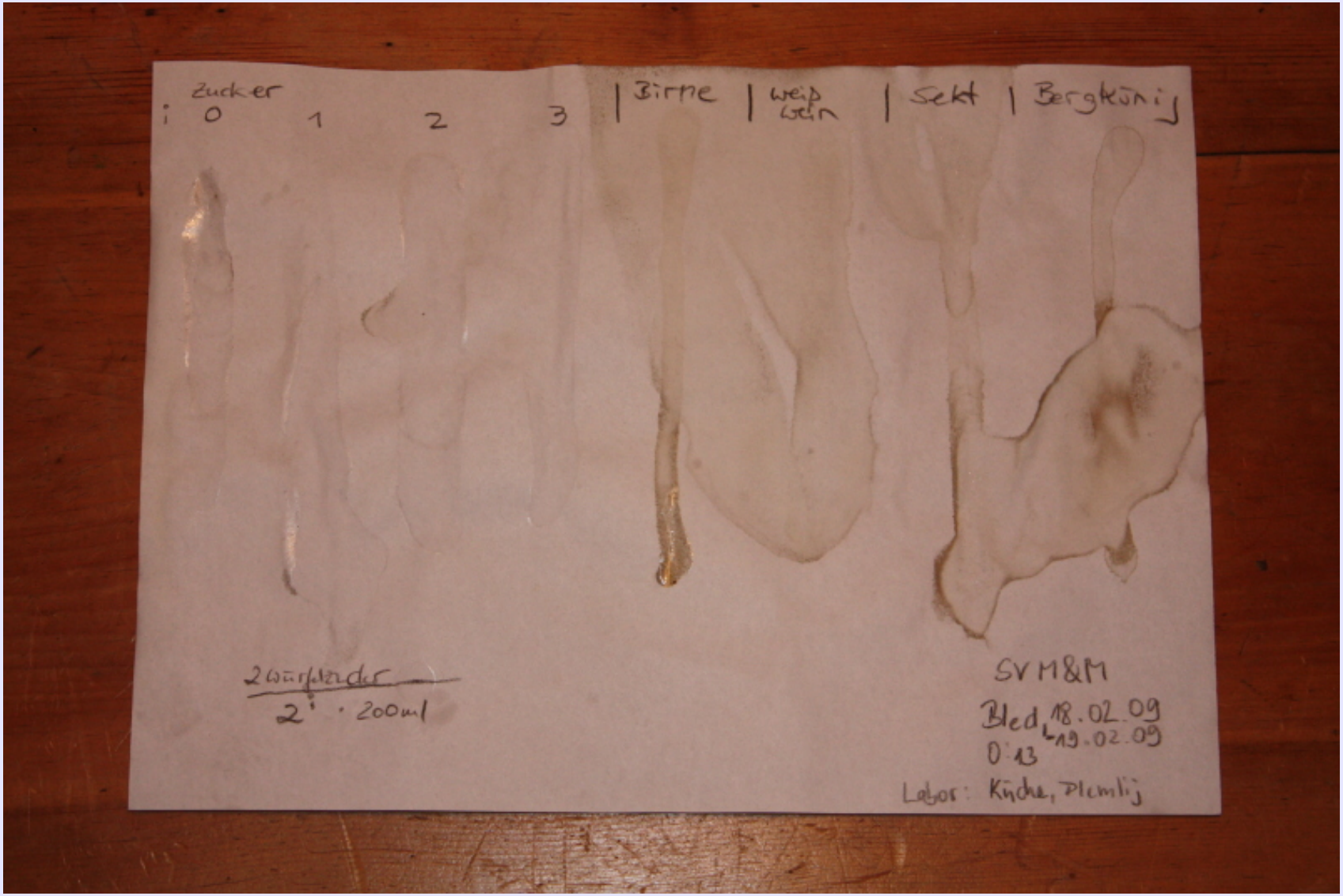
Realization


Zucker
0
1
2
3
Birne
Wein
Sekt
Bergkönig
2 Würfelzucker
2 · 200ml

Error Sources

Error Sources

- Actors in both experiments might have had a different alcohol level
- Sheet of Paper was different in both experiments (once a print out of the TBI, once a drawing paper of Elias)
- Some materials were somehow contamined


Zucker
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3
Birne
Weiß Wein
Sekt
Bergkönig
2 Würfelzucker
2' · 200ml
SV M&M
Bled, 18.02.09
19.02.09
0:13
Labor: Küche, Plemlj

Guest Scientist Xtof the famous Flamm

Guest Scientist Xtof the famous Flamm

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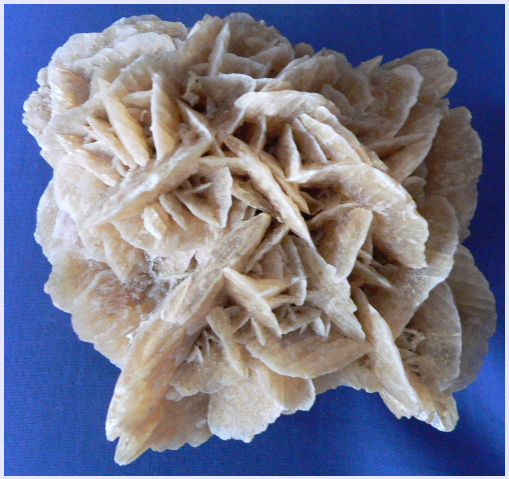
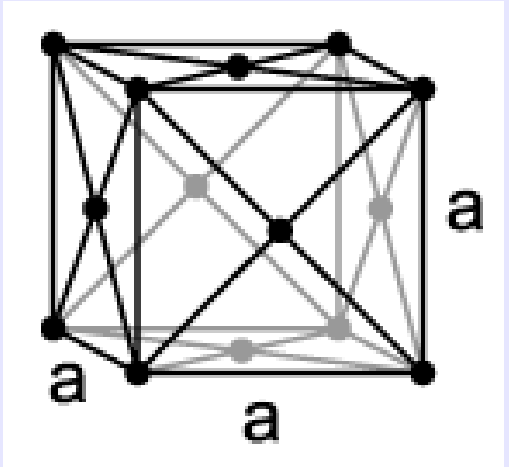
Guest Scientist Xtof the famous Flamm

What is Kubisch Flaechenzentriert?

This is only for Pisa deficient people





Thanks to our Xtof the famous Flamm

No animals were harmed during these experiments!

Acknowledgments