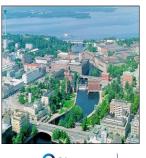


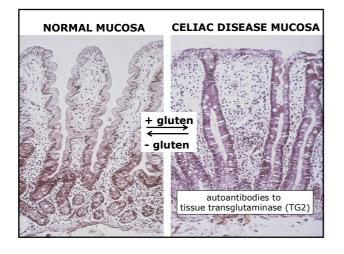


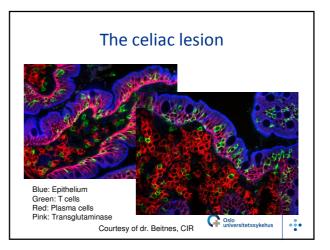
Increasing prevalence of coeliac disease

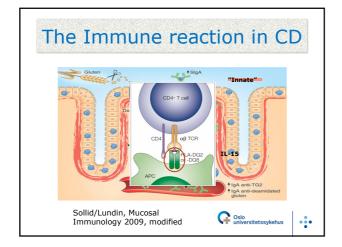
- "Everybody" knows someone with CD
- Active search will find the coeliacs
 - Tampere in Finland:
 - 250 000 inhabitants
 - 0,75 % with CD
 - diagnosis

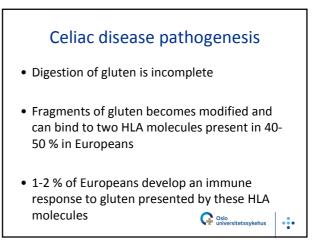


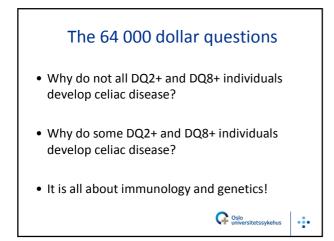
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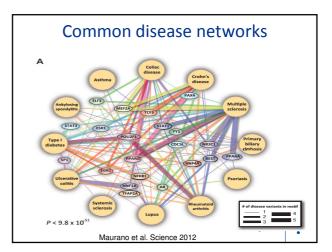


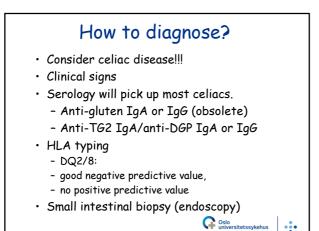






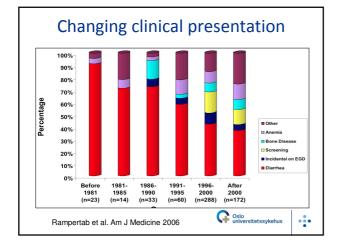






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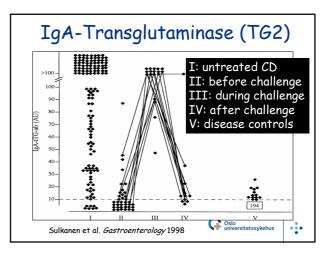
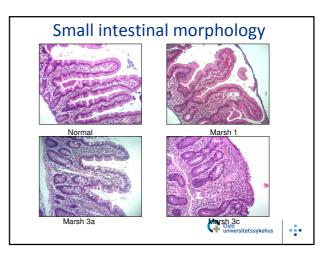
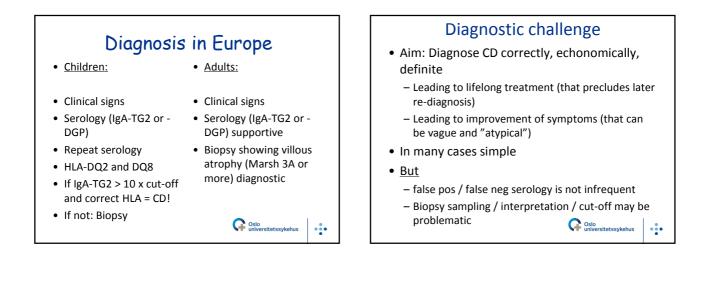
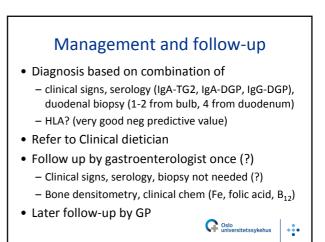


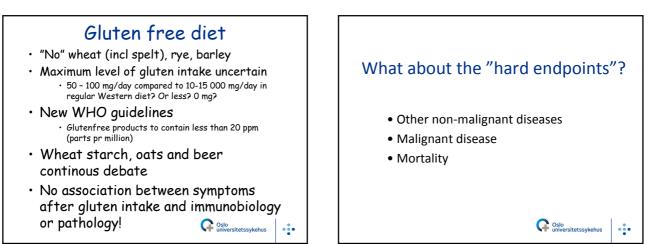
Table 1. Summary of test characteristics of celiac serologies				
Test	Sensitivity (reported range) (%)	Specificity (reported range) (%)	Positive predictive value(%),pretest probability of 5%	Negative predictive value (%), pretest probability of 5%
IgA AGA	85 (57-100)	90 (47-94)	18	99
IgG AGA	85 (42-100)	80 (50-94)	800 800 807 NO 815 110	99
EMA	95 (86-100)	99 (97-100)	1980	99
IgA anti-tTG [*]	98 (78-100)	98 (90-100)		99
lgG anti-tTG ^b	70 (4595)	95 (94-100)		99
IgA anti-DGP	88 (74-100)	95 (90-99)		99
lgG anti-DGP	80 (63-95)	98 (90-99)	17 BC	99
IgA/IgG anti-DGP	97 (75-99)	95 (87-100)		99

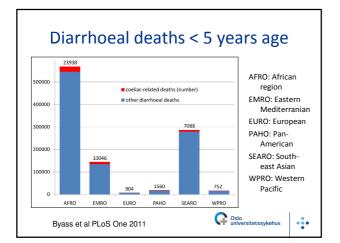


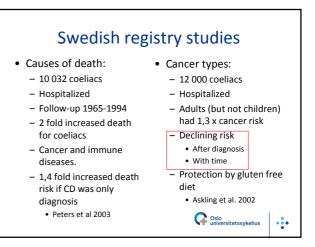


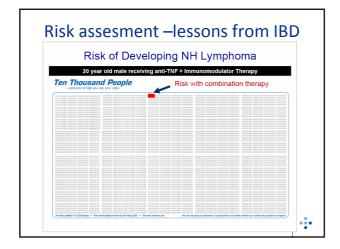


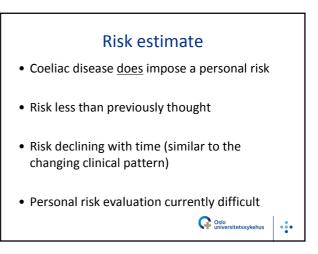


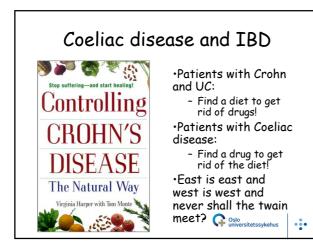


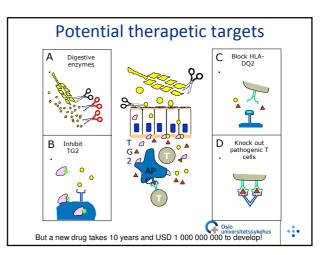


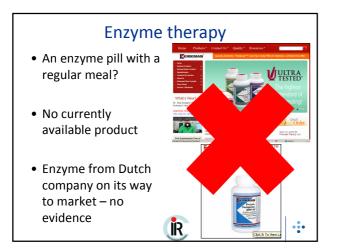












Peptide vaccination

İR

- Peptide based immunotherapy possible?
- Resembles hyposensitization for
- allergyPhase 1 done, Phase 1b
- ongoing – (ImmusanT)
- Long way to go.....



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Conclusions

- Coeliac disease is a life-long disorder with unique properties
 - Rather well defined clinically and immunologically
 - Strong genetic association
 - A cure is present
- The disease is on its rise
- Major challenges for the patients and the health care system
 - Case finding and risk stratification

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