



**Ruedi Aebersold**

**Contact**

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## Publications (10)

Zhu Y, Christiansen A, Fritz C, Rupp N, Poyet C, Rushing E, Weller M, Roth P, Haralambieva E, Hofer S, Chen C, Jochum W, Gao X, Teng X, Chen L, Zhong Q, Wild P, Aebersold R, Ljubicic J, Rutishauser D, Schmid M, Weiss T, Zhang Q, Sun R, Wang B, Yi X, Wu Z, Gao H, Cai X, Ruan G, Zhu T, Xu C, Lou S, Yu X, Gillet L, Blattmann P, Saba K, Fankhauser C, Guo T. High-throughput proteomic analysis of FFPE tissue samples facilitates tumor stratification. *Mol Oncol* 2019; 13:2305–2328.

Sajic T, Claassen M, Gillessen Sommer S, Omlin A, Malander S, Niméus E, Friedrich B, Blattmann P, Chen R, Brentnall T, Pan S, Sethi A, Hüttenhain R, Schiess R, Williams E, Surinova S, Arvaniti E, Liu Y, Aebersold R. Similarities and Differences of Blood N-Glycoproteins in Five Solid Carcinomas at Localized Clinical Stage Analyzed by SWATH-MS. *Cell Rep* 2018; 23:2819–2831.e5.

Guo T, Aebersold R, Wild P, Poyet C, Saba K, Fankhauser C, Jochum W, Rueschoff J, Wagner U, Wong C, Charmpi K, Rupp N, Zhong Q, Li L, Beyer A. Multi-region proteome analysis quantifies spatial heterogeneity of prostate tissue biomarkers. *Life Sci Alliance* 2018; 1

Shao S, Guo T, Gross V, Lazarev A, Koh C, Gillessen Sommer S, Jörger M, Jochum W, Aebersold R. Reproducible Tissue Homogenization and Protein Extraction for Quantitative Proteomics Using MicroPestle-Assisted Pressure-Cycling Technology. *J Proteome Res* 2016; 15:1821–9.

Shao S, Guo T, Koh C, Gillessen Sommer S, Jörger M, Jochum W, Aebersold R. Minimal sample requirement for highly multiplexed protein quantification in cell lines and tissues by PCT-SWATH mass spectrometry. *Proteomics* 2015; 15:3711–21.

Guo T, Jochum W, Jörger M, Gillessen Sommer S, Blum L, Collins B, Rosenberger G, Röst H, Wolski W, Gillet L, Koh C, Kouvonnen P, Aebersold R. Rapid mass spectrometric conversion of tissue biopsy samples into permanent quantitative digital proteome maps. *Nat Med* 2015; 21:407–13.

Templeton A, Schiess R, Wild P, Rüschoff J, Thalmann G, Dietrich P, Aebersold R, Klingbiel D, Gillessen Sommer S, Müller B, Winterhalder R, Stenner F, Dutoit V, Cathomas R, Rothermundt C, Bärtschi D, Dröge C, Gautschi O, Borner M, Fechter E, Swiss Group for Clinical Cancer Research (SAKK). Phase 2 trial of single-agent everolimus in chemotherapy-naïve patients with castration-resistant prostate cancer (SAKK 08/08). *Eur Urol* 2013; 64:150–8.

Kaelin M, Krek W, Aebersold R, Cerny T, Templeton A, Wild P, Powles T, Fankhauser N, Schiess R, Cima I, Gillessen Sommer S. Novel prognostic markers in the serum of patients with castration-resistant prostate cancer derived from quantitative analysis of the pten conditional knockout mouse proteome. *Eur Urol* 2011; 60:1235–43.

Cima I, Wyler S, Zehetner J, Jochum W, Buhmann J, Cerny T, Moch H, Gillessen Sommer S, Aebersold R, Leippold T, Fuchs T, Schubert O, Schiess R, Wild P, Kaelin M, Schüffler P, Lange V, Picotti P, Ossola R, Templeton A, Krek W. Cancer genetics-guided discovery of serum biomarker signatures for diagnosis and prognosis of prostate cancer. *Proc Natl Acad Sci USA* 2011; 108:3342–7.

Carapito C, Klemm C, Aebersold R, Domon B. Systematic LC-MS analysis of labile post-translational modifications in complex mixtures. *J Proteome Res* 2009; 8:2608–14.

## Projects (0)

No results found.

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