## **Resource Summary Report**

Generated by dkNET on May 10, 2025

# **ADAPT**

RRID:SCR\_006769

Type: Tool

## **Proper Citation**

ADAPT (RRID:SCR\_006769)

#### **Resource Information**

URL: http://bmsr.usc.edu/software/adapt/

Proper Citation: ADAPT (RRID:SCR\_006769)

**Description:** Software tool as plug-in developed for ImageJ/FIJI platform to automatically detect and analyse cell migration and morphodynamics. Provides whole cell analysis of multiple cells, while also returning data on individual membrane protrusion events.

**Abbreviations:** ADAPT

Synonyms: Automated Detection and Analysis of ProTrusions

Resource Type: software resource, data analysis software, software application, data

processing software

Defining Citation: DOI:10.1083/jcb.201501081

Keywords: Cell migration analysis, morphodynamics analysis, whole cell analysis

Funding: NIBIB P41-EB001978;

NCRR P41-RR01861

Availability: Acknowledgement requested, Registration required

Resource Name: ADAPT

Resource ID: SCR 006769

Alternate IDs: nlx\_152570

Alternate URLs: https://github.com/djpbarry/Adapt

**Record Creation Time:** 20220129T080238+0000

Record Last Update: 20250509T055815+0000

### Ratings and Alerts

No rating or validation information has been found for ADAPT.

No alerts have been found for ADAPT.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 543 mentions in open access literature.

**Listed below are recent publications.** The full list is available at dkNET.

de Klerk E, et al. (2025) Reviewing identity development in young people living with Type 1 Diabetes Mellitus. Journal of adolescence, 97(1), 73.

Hajdú SF, et al. (2025) Supervised exercise-based rehabilitation for people with intermittent claudication-Study protocol for a Danish implementation process (StRiDE). PloS one, 20(1), e0315577.

Heine HS, et al. (2025) Evaluation of a potent LpxC inhibitor for post-exposure prophylaxis treatment of antibiotic-resistant Burkholderia pseudomallei in a murine infection model. Antimicrobial agents and chemotherapy, 69(1), e0129524.

Braidotti S, et al. (2025) The Role of Candidate Polymorphisms in Drug Transporter Genes on High-Dose Methotrexate in the Consolidation Phase of the AIEOP-BFM ALL 2009 Protocol. Clinical and translational science, 18(2), e70136.

van den Heuvel T, et al. (2024) Advanced Hybrid Closed Loop in Adult Population With Type 1 Diabetes: A Substudy From the ADAPT Randomized Controlled Trial in Users of Real-Time Continuous Glucose Monitoring. Journal of diabetes science and technology, 18(5), 1132.

Lau BKF, et al. (2024) Faster and lower dose imaging: evaluating adaptive, constant gantry velocity and angular separation in fast low-dose 4D cone beam CT imaging. Medical physics, 51(2), 1364.

Hestehave RA, et al. (2024) Poor usability of computer-assisted navigation for hip fracture surgery. Archives of orthopaedic and trauma surgery, 144(1), 251.

Baker C, et al. (2024) Aphasia Depression and Psychological Therapy (ADaPT): Perspectives of People with Post-Stroke Aphasia on Participating in a Modified Cognitive Behavioral Therapy. Healthcare (Basel, Switzerland), 12(7).

Henningsen MJ, et al. (2024) Subject-specific finite element head models for skull fracture evaluation-a new tool in forensic pathology. International journal of legal medicine, 138(4), 1447.

Lacerda A, et al. (2024) Perceptions of physicians caring for pediatric patients with cancer in Europe: insights into the use of palliative care, its timing, and barriers to early integration. Frontiers in oncology, 14, 1461668.

Hudson P, et al. (2024) Improving the Well-Being of People With Advanced Cancer and Their Family Caregivers: Protocol for an Effectiveness-Implementation Trial of a Dyadic Digital Health Intervention (FOCUSau). JMIR research protocols, 13, e55252.

Dawson S, et al. (2024) Exploring the Safewards Programme to Reduce Restrictive Practices in Residential Aged Care: Protocol for a Pilot and Feasibility Study. Health expectations: an international journal of public participation in health care and health policy, 27(5), e70037.

van Steen C, et al. (2024) Efgartigimod and Ravulizumab for Treating Acetylcholine Receptor Auto-antibody-Positive (AChR-Ab+) Generalized Myasthenia Gravis: Indirect Treatment Comparison. Advances in therapy, 41(6), 2486.

Schad TA, et al. (2024) Mapping the Sun's coronal magnetic field using the Zeeman effect. Science advances, 10(37), eadq1604.

Ashworth E, et al. (2024) Study protocol for the Multimodal Approach to Preventing Suicide in Schools (MAPSS) project: A regionally based feasibility trial of an integrated response to suicide risk among UK secondary school pupils. PloS one, 19(7), e0302873.

Owens MJ, et al. (2024) The importance of boundary evolution for solar-wind modelling. Scientific reports, 14(1), 28975.

Lindgren N, et al. (2024) Prediction of skull fractures in blunt force head traumas using finite element head models. Biomechanics and modeling in mechanobiology, 23(1), 207.

Tada M, et al. (2024) Comprehensive validation of early diagnostic algorithms for myocardial infarction in the emergency department. QJM: monthly journal of the Association of Physicians, 117(3), 187.

Gardner D, et al. (2024) The Cost-Effectiveness of an Advanced Hybrid Closed-Loop System Compared to Standard Management of Type 1 Diabetes in a Singapore Setting. Diabetes technology & therapeutics, 26(5), 324.

Hariprakash JM, et al. (2024) Leveraging Tissue-Specific Enhancer-Target Gene Regulatory Networks Identifies Enhancer Somatic Mutations That Functionally Impact Lung Cancer. Cancer research, 84(1), 133.